

Prepared for:

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Dallas, TX 75225

**VOLUNTARY REMEDIATION PROGRAM
PROGRESS REPORT
TLC Cleaners
2060 Lower Roswell Road
Marietta, GA 30068**

Prepared by:



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July 2015

VOLUNTARY REMEDIATION PROGRAM PROGRESS REPORT

**TLC CLEANERS
2060 LOWER ROSWELL ROAD
MARIETTA, GA 30068**

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Justin Vickery, P.G.

July 2015

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TLC Cleaners
Marietta, Georgia

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TABLE OF CONTENTS

1	INTRODUCTION	1
1.1	Summary	1
1.2	Background.....	1
2	VRP PROJECT MANAGEMENT	2
2.1	Professional Geologist Oversight.....	2
2.2	Milestone Schedule	2
2.3	Conceptual Site Model Update	2
3	CONSTITUENTS OF CONCERN AND RISK REDUCTION STANDARDS	3
3.1	Constituents of Concern	3
3.2	Risk Reduction Standards	4
4	RECENTLY COMPLETED ACTIVITIES.....	5
4.1	Overview.....	5
4.2	Soil Gas Assessment.....	5
4.2.1	December 2014 Field Investigation.....	5
4.3	Soil Assessments	6
4.3.1	December 2014 Field Investigation.....	6
4.3.2	February 2015 Field Investigation	6
4.3.3	May 2015 Field Investigation	7
4.3.4	July 2015 Field Investigation.....	7
4.4	Groundwater Assessments.....	8
4.4.1	May 2015 Piezometer Installation	8
4.4.2	May 2015 Potentiometric Surface Map	8
4.4.3	May 2015 Groundwater Sampling.....	8
5	PLANNED ACTIVITIES FOR NEXT REPORTING PERIOD.....	10
5.1	Assessment	10
5.2	Soil Remediation.....	10
5.3	Vapor Intrusion Mitigation	11

LIST OF FIGURES

Figure 1	Site Location Map
Figure 2	USGS Topographic Map
Figure 3A	Site Plan
Figure 3B	Site Plan – Facility Layout
Figure 4	Soil Gas Sample Locations (December 2014)
Figure 5	Soil Sample Locations
Figure 6	Groundwater Concentrations and Potentiometric Surface Map (May 2015)
Figure 7	Planned Soil Excavation and Vapor Mitigation System Layout

LIST OF TABLES

Table 1	Sub-Slab Soil Gas Analytical Results
Table 2A	Soil Analytical Results – VOCs
Table 2B	Soil Analytical Results – TOC
Table 2C	Soil Analytical Results – SPLP
Table 3	Groundwater Analytical Results
Table 4	Groundwater Elevations

LIST OF APPENDICES

Appendix A	Professional Geologist Summary of Hours
Appendix B	Milestone Schedule
Appendix C	Risk Reduction Standards
Appendix D	Boring Logs and Well Construction Information
Appendix E	Laboratory Analytical Reports
Appendix F	Monitoring Well Development and Purge Logs

VOLUNTARY REMEDIATION PROGRAM PROGRESS REPORT
TLC Cleaners
Marietta, Georgia

GROUNDWATER SCIENTIST STATEMENT

I certify that I am a qualified ground water scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in ground water hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this Progress Report was prepared by me or by a subordinate working under my direction.

Certified by: _____

Justin D. Vickery, P.G.
Associate
No. 1745

Date: _____

1 INTRODUCTION

1.1 Summary

This Voluntary Remediation Program (VRP) Progress Report is submitted on behalf of IPTV-B-C14, LLC (IPTV) for the former TLC Cleaners (the Site). The purpose of this Progress Report is to describe the activities conducted since the Voluntary Investigation and Remediation Plan (VIRP) was submitted in October 2014 and to discuss planned activities for the next reporting period.

1.2 Background

The former TLC Cleaners tenant space (the Facility) is the western-most tenant space located in the New Market Center shopping center, Cobb County Parcel ID 16124400330, which is located at 2060 Lower Roswell Road in Marietta, Georgia and is 4.805 acres. A Site Location Map is included as Figure 1 (all figures are included in the Figures attachment), and a USGS Topographic Map is included as Figure 2. Figure 3A is a Site Plan showing the Site features, and Figure 3B is a Site Plan showing the layout of the Facility.

The Site was undeveloped until 1973 when construction of the current building was initiated and has been used as a shopping center since development. The shopping center is currently occupied by a restaurant, a grocer, a physical fitness facility, and a church. The Facility and the adjacent tenant space are currently vacant. The Facility had been occupied by a dry cleaning business from as early as 1989 until vacated in early 2015.

As shown on Figure 3B, the dry cleaning machines and drum storage were located toward the front of the Facility near a floor drain. The floor drain connected to a drain line which ran to the back of the Facility to a four foot deep sump, or grit trap, where solids could settle, allowing the water to continue to the sanitary sewer line. Based on the soil and groundwater data, the source of the soil and groundwater impact appears to be the dry cleaning operations with the highest soil concentrations at the base of the grit trap.

2 VRP PROJECT MANAGEMENT

2.1 Professional Geologist Oversight

This Progress Report includes a certification by Justin Vickery, P.G., the Professional Geologist specified in the VIRP. Appendix A contains a monthly summary of hours invoiced by the P. G.

2.2 Milestone Schedule

A milestone schedule is included in Appendix B.

2.3 Conceptual Site Model Update

No data was collected during the reporting period that would significantly alter the CSM. The CSM may be updated in future Progress Reports as additional data becomes available.

3 CONSTITUENTS OF CONCERN AND RISK REDUCTION STANDARDS

3.1 Constituents of Concern

PCE and PCE daughter compounds are considered constituents of concern for this Site. PCE has been detected at various concentrations in several of the soil samples beneath and around the Facility. PCE daughter compounds, including trichloroethene (TCE) and cis-1,1-dichloroethene (cis-DCE), have been detected at lower concentrations in a few of these samples. Other PCE daughter compounds, including trans-1,2-dichloroethene (trans-DCE), 1,1-dichloroethene (1,1-DCE), and vinyl chloride, have not been detected but are still considered constituents of concern due to the possibility of future detections.

Other constituents, including 4-methyl-2-pentanone, acetone, toluene, xylenes, and p-cymene, have also been detected in soil. These constituents are addressed in this report; however, these are not considered constituents of concern and will not be addressed in future reports for the following reasons.

- 4-Methyl-2-pentanone was detected in only one soil sample in December 2014. This compound is derived from acetone, which is a common laboratory contaminant. The reported concentration was 0.220 milligrams per kilogram (mg/kg), which is an order of magnitude below the Type 1 Risk Reduction Standard (RRS) of 3.3 mg/kg.
- Acetone was detected in three soil samples in December 2014 at concentrations ranging from 0.070 mg/kg to 0.073 mg/kg, orders of magnitude below the Type 1 RRS of 400 mg/kg. Acetone at these concentrations is likely a laboratory contaminant.
- Toluene and xylenes were detected in soil samples in 1999 at depths of 8.5-10 feet below the ground surface (ft-bgs) and 13.5-15 ft-bgs. Based on recent groundwater investigations, these samples were likely collected below the water table, which was encountered between 6 ft-bgs and 8.5 ft-bgs in these areas. Because these constituents were not detected in any of the 2014 or 2015 soil samples in and around the Facility, it does not appear that these detections are related to the release at the Facility. Additionally, the toluene and xylenes detection of 0.010 mg/kg and 0.012 mg/kg are orders of magnitude below the Type 1 RRSs of 100 mg/kg and 1,000 mg/kg, respectively.
- P-cymene was detected in one soil sample in 2013. P-cymene is not regulated under the HSRA.

For groundwater, in addition to PCE and PCE daughter compounds, chloroform was detected in one sample at 2.3 micrograms per liter (µg/L), which is lower than the Type 1 RRS of 80 µg/L. Chloroform is a byproduct of the chlorination process of municipal-supplied potable water, and the chloroform detection in the groundwater sample was likely due to potable water entering the

groundwater via a water leak or seepage through cracks in the floor slab. Chloroform is therefore not considered a constituent of concern.

3.2 Risk Reduction Standards

Soil and groundwater RRSs have been calculated for constituents of concern including PCE, TCE, cis-DCE, trans-DCE, 1,1-DCE, and vinyl chloride. The RRS calculation tables are included in Appendix C, and summary tables are shown below.

Table A
Groundwater Risk Reduction Standards

Analyte	Type 1 RRS mg/L	Type 2 RRS mg/L	Residential RRS mg/L	Type 3 RRS mg/L	Type 4 RRS mg/L	Non- Residential RRS mg/L
1,1-Dichloroethene	0.0070	0.10	0.10	0.0070	0.52	0.52
cis-1,2-Dichloroethene	0.070	0.031	0.070	0.070	0.20	0.20
Tetrachloroethene	0.0050	0.019	0.019	0.0050	0.098	0.098
trans-1,2-Dichloroethene	0.10	0.31	0.31	0.10	2.0	2.0
Trichloroethene	0.0050	0.0010	0.0050	0.0050	0.0052	0.0052
Vinyl chloride	0.0020	0.0011	0.0020	0.0020	0.0033	0.0033

Table B
Soil Risk Reduction Standards

Analyte	Type 1 RRS mg/kg	Type 2 RRS mg/kg	Res. RRS mg/kg	Type 3 RRS		Type 4 RRS		Non-Res. RRS	
				SS mg/kg	SB mg/kg	SS mg/kg	SB mg/kg	SS mg/kg	SB mg/kg
1,1-Dichloroethene	0.70	0.74	0.74	0.70	0.70	3.8	3.8	3.8	3.8
cis-1,2-Dichloroethene	7.0	0.41	7.0	7.0	7.0	1.2	1.2	7.0	7.0
Tetrachloroethene	0.50	29.5	29.5	0.50	0.50	55	55	55	55
trans-1,2-Dichloroethene	10	2.0	10	10	10	13	13	13	13
Trichloroethene	0.50	0.036	0.50	0.50	0.50	0.037	0.037	0.50	0.50
Vinyl chloride	0.20	0.014	0.20	0.20	0.20	0.023	0.023	0.20	0.20

4 RECENTLY COMPLETED ACTIVITIES

4.1 Overview

This section discusses activities conducted after the submittal of the October 2014 VIRP, including assessments of soil gas, soil, and groundwater. Boring logs and well construction information for borings and well installations conducted by EPS is included in Appendix D. Laboratory analytical reports for this reporting period are included in Appendix E.

4.2 Soil Gas Assessment

4.2.1 December 2014 Field Investigation

On December 17, 2014, three shallow (sub-slab) soil gas samples (SG-1 through SG-3) were collected immediately beneath the floor slab in the former cleaners: one near the front floor drain, one near the grit trap, and one in the central portion of the Facility (Figure 4). Vapor sampling probes were installed on December 16, 2014 by drilling through the concrete slab and into the surficial soil beneath the slab. The probe was then set just below the slab, a sand pack was placed around the probe, and tubing extended from the probe to just below the ground surface. A threaded valve was installed on the top of the tubing and the hole in the slab was sealed.

Once the seal had cured, a helium leak test was performed to determine the integrity of the seal. An enclosure was placed on top of the sealed floor slab and saturated with helium gas. Soil gas was then extracted from the vapor probe and scanned with a hand-held helium meter to determine if a leak was present. A significant positive reading would indicate that air above the floor slab was being drawn into the vapor probe through a poor seal or through a porous/cracked concrete slab. None of the leak tests conducted resulted in a positive reading on the helium meter.

The soil gas samples were collected from the vapor probes using laboratory-supplied negatively pressurized 400 milliliter (mL) Summa canisters. The samples were labeled, logged under standard chain of custody procedures, shipped to H&P Mobile Geochemistry in Carlsbad, CA, and analyzed by US EPA Compendium Method TO-15.

Sample locations are shown on Figure 4 and a summary of the sampling results is included in Table 1. Each of the soil gas samples had detections of PCE, ranging from 5,500 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in SG-3 to 68,000 $\mu\text{g}/\text{m}^3$ in SG-1. No PCE daughter compounds were detected. Freon-12 (dichlorodifluoromethane) was detected in SG-1 at 810 $\mu\text{g}/\text{m}^3$. Freon-12 is used as a refrigerant and is not associated with PCE.

4.3 Soil Assessments

4.3.1 December 2014 Field Investigation

Once soil gas sampling was completed, soil sampling was conducted on December 17, 2014 inside the Facility (Figure 5). Twelve soil borings (SB-2 through SB-12, including SB-9S and SB-9D) were advanced using hand auger methods to depths ranging from 2 ft-bgs to 12 ft-bgs, and 22 soil samples were collected from discrete intervals. Soils were logged for lithology and field screened with a photoionization detector (PID) for the presence of volatile organic compounds (VOCs). The field screening showed elevated PID measurements (PID readings are provided on the boring logs) in several of the borings with the highest being in SB-12 located adjacent to the grit trap.

Soil samples were collected from varying depths for VOC analysis using Method 5035 by pushing laboratory supplied plastic syringes directly into the recovered soil. For each sample, similar amounts of soil were placed into each of three 40-mL glass vials: one preserved with methanol and two preserved with sodium bisulfate. In addition, a 2-oz. glass jar was filled for soil moisture analysis. The soil samples were labeled, placed on ice in a cooler, logged under standard chain-of-custody procedures, and hand delivered to Analytical Environmental Services, Inc. (AES) for laboratory analysis of VOCs by EPA Method 8260B.

Sample locations are shown on Figure 5 and a summary of the sampling results is included in Table 2A. PCE was detected in all 22 samples collected with three of the samples being detected above the Type 4 RRS of 55 mg/kg. Trichloroethene (TCE) and 1,2-cis-dichloroethene (cis-DCE) were detected at concentrations below their Type 1 RRSs. No samples were collected from borings SB-6 and SB-7 due to shallow boring refusal.

The highest PCE detection was 14,000 (mg/kg) at a depth of 5 ft-bgs in SB-12, located adjacent to the grit trap. Vertically, PCE concentrations decrease to 9.9 mg/kg at a depth of 12 ft-bgs in SB-12. Horizontally, PCE concentrations decrease to 38 mg/kg and 18 mg/kg in SB-10, 5 ft-bgs and 10 ft-bgs, respectively, located only a few feet from SB-12. Additionally, within 3-5 ft horizontally from SB-12 in all directions, PCE drops below 10 mg/kg. The distribution of PCE in the vadose zone is similar to what is expected from a point source release (i.e. the grit trap).

4.3.2 February 2015 Field Investigation

Due to the results of the soil sampling conducted in December 2014, a second soil sampling event was performed on February 10 and 11, 2015 with seventeen soil borings (SB-13 through SB-29) advanced from discrete intervals from inside the Facility and the adjacent vacant space (Figure 5) to depths varying from 8 ft-bgs to 12 ft-bgs. From these borings, 33 soil samples were collected and analyzed. Soils were logged for lithology and field screened with a PID for the presence of VOCs. The field screening showed elevated PID measurements in several of the borings with the highest being in SB-17, located near the grit trap.

Soil samples were collected in the same manner as described in Section 4.3.1. The samples were labeled, placed on ice in a cooler, logged under standard chain-of-custody procedures, and hand delivered to AES for VOC analysis by EPA Method 8260B.

Sample locations are shown on Figure 5 and a summary of the sampling results is included in Table 2A. PCE was detected in 32 of the 33 samples, with none of the detections exceeding the Type 4 RRS of 55 mg/kg. Looking at the combination of the December 2014 and the February 2015 sampling results, PCE concentrations are highest near the grit trap and exponentially decrease with increasing distance from the grit trap. This type of distribution is what would be expected from a point source release (i.e., the grit trap). In February 2015, TCE and cis-DCE were again detected at concentrations below the Type 1 RRSs. Soil samples were collected from SB-14, SB-17, and SB-19 and held by the laboratory pending analysis of nearby samples, and were not analyzed due to the results of the nearby samples.

4.3.3 May 2015 Field Investigation

On May 7, 2015, two soil borings (SB-30 and SB-31) were advanced to the south of the Facility using direct push methods to collect samples to determine the site specific organic carbon content of the soil. The borings were each advanced to a depth of 8 ft-bgs, and a sample was collected from each boring at 7 ft-bgs. These samples were collected in unpreserved glass jars, placed on ice in a cooler, logged under standard chain-of-custody procedures, and hand delivered to AES for total organic carbon (TOC) analysis by EPA Method 9060A.

Boring locations are shown on Figure 5. TOC sampling results are summarized on Table 2B. The samples collected from SB-30 and SB-31 had TOC concentrations of 626 mg/kg and 1060 mg/kg, respectively. These results were used in the RRS calculations.

4.3.4 July 2015 Field Investigation

On July 6, 2015, three soil borings (SB-32 to SB-34) were advanced inside the Facility using direct push methods to collect samples to determine the site specific leachability. Soil cores were screened with a PID to determine the presence of VOCs. Soil samples were collected at pre-determined depths of 2 ft-bgs and 10 ft-bgs at each location for total VOC analysis and Synthetic Precipitation Leaching Procedure (SPLP) VOC analysis. The samples were analyzed for PCE and PCE daughter compounds since the December 2014 and February 2015 sampling results confirmed that no other VOCs are attributed to the release. This information was used to develop the leachability input into the RRS calculations.

Samples for total VOC analysis were collected as described in Section 4.3.1. SPLP samples were collected in unpreserved glass containers. The samples were labeled, placed on ice, logged under standard chain of custody procedures, and hand delivered to AES for analysis of VOCs by EPA Method 8260B and SPLP tumbling by EPA Method 1312.

Boring locations are shown on Figure 5. A summary of the total vs. TCLP results are summarized in Table 2C. PCE, cis-DCE, and TCE were detected in the total VOC samples, but PCE was the only compound detected in the SPLP VOC analysis. PCE was detected in all six of the total VOC soil samples at concentrations ranging from 2.5 mg/kg to 55 mg/kg, it was detected in five of the six samples subjected to the SPLP tumbling at concentrations ranging from 0.0053 mg/L to 0.049 mg/L. The highest total PCE detection (55 mg/kg) that resulted in a leachable (SPLP) PCE detection below a concentration that would cause groundwater to exceed a Type 4 RRS was

selected as the leachability input for the soil screening level (SSL) portion of the RRS calculations. This resulted in a PCE soil Type 2 RRS of 29 mg/kg and a PCE soil Type 4 RRS 55 mg/kg.

4.4 Groundwater Assessments

4.4.1 May 2015 Piezometer Installation

On May 7, 2015, three piezometers (PZ-1 through PZ-3) were installed to the southeast, south, and southwest of monitoring well MW-1 to determine the groundwater flow direction. The locations of the piezometers are shown on Figure 6.

The piezometers were installed using direct push methods by advancing the borings to 20 ft-bgs. Soil cores were logged for lithology (boring logs and well completion details are provided in Appendix D) and field screened with a PID for the presence of VOCs. Each piezometer was constructed with 10 ft of 1-inch diameter PVC well casing and 10 ft of 1-inch diameter, 0.010-inch slotted, PVC screen. Within each boring, a sand pack was installed around the screened interval from the bottom of the screen to 2 ft above the top of the screen. A minimum of 2 ft of bentonite was placed on top of the sand pack and hydrated. The remainder of the borehole annulus was filled with grout. Flush-mounted well vaults were set and well pads were constructed at each piezometer.

On May 8, 2015, the piezometers were developed by bailing until the water was free of visible sediment. Turbidity readings were then collected to attempt to bring the turbidity down to less than 10 Nephelometric Turbidity Units (NTUs). After 30 to 40 wells volumes were removed, turbidity in all three piezometers remained above 20 NTUs; however, well development was deemed sufficiently complete given the excessive water volumes removed. Well development logs are included in Appendix F.

4.4.2 May 2015 Potentiometric Surface Map

On May 22, 2015, groundwater depths were gauged in the four on-site wells (MW-1, PZ-1, PZ-2, and PZ-3). The tops-of-casing were surveyed and groundwater elevations were calculated (Table 4). Figure 6 is a potentiometric surface map showing a groundwater flow direction to the east-southeast.

4.4.3 May 2015 Groundwater Sampling

Prior to determining the groundwater flow direction, it was anticipated that the groundwater flow was to the south-southeast towards nearby residential properties and that additional monitoring wells would need to be installed near the southern property boundary of the Site. However, since groundwater flow was determined to be to the east-southeast, on May 22, 2015, the four existing wells (MW-1, PZ-1, PZ-2, and PZ-3), two of which are in the groundwater flow path, were sampled for VOCs to determine the location, if any, of additional monitoring wells. Prior to sampling, the wells were purged using low flow/low volume methods. A peristaltic pump was used to purge the wells, and the intake of the Teflon-lined tubing was placed within the screened

interval. The wells were purged until geochemical parameters were stable for three consecutive readings. Well purge forms are included in Appendix F.

Groundwater samples were collected by capturing the water in the tubing prior to the pump and pouring the water from the tubing into 40-mL glass vials preserved with hydrochloric acid. The samples were labeled, placed on ice, logged under standard chain of custody procedures, and hand delivered to AES for VOC analysis by EPA Method 8260B.

PCE was detected in MW-1 at a concentration of 19 µg/L. PCE was not detected in the three piezometers. The sampling results are summarized in Table 3 and on Figure 6.

5 PLANNED ACTIVITIES FOR NEXT REPORTING PERIOD

5.1 Assessment

No additional soil assessment is planned since soils are delineated to the Type 2 RRS.

No additional groundwater assessment is planned for the next reporting period. In accordance with Georgia Code O.C.G.A § 12-8-107(g)(2), a participant in the Voluntary Remediation Program

“shall not be required to perform corrective action or to certify compliance for groundwater if the voluntary remediation property was listed on the [Hazardous Site Inventory] inventory as a result of a release to soil exceeding a reportable quantity for soil but was not listed on the inventory as a result of a release to groundwater exceeding a reportable quantity, and if the participant further demonstrates to the director at the time of enrollment that a release exceeding a reportable quantity for groundwater does not exist at the voluntary remediation property; and the groundwater protection requirements for soils shall be based on protection of the established point of exposure for groundwater as provided under this part.”

This Site would not have listed on the inventory as a result of a release to groundwater exceeding a reportable quantity. Therefore, no additional groundwater assessment for groundwater compliance purposes is planned.

Groundwater is flowing to the east-southeast, as determined using the monitoring well and the piezometers, instead of flowing to the south-southeast towards the residential properties as previously assumed. Therefore, the off-site residential vapor intrusion exposure pathway is not considered complete. Additional on-site vapor intrusion assessment may be conducted in conjunction with the installation of the vapor mitigation system as described in Section 5.3.

5.2 Soil Remediation

The footprint of PCE-impacted soil (Figure 4) above the Type 4 RRS lies within the immediate vicinity of the grit trap, with minor PCE detections in other areas of the Facility and the southwestern portion of the adjacent tenant space. Various soil remedial approaches were considered.

- Soil vapor extraction was not selected based on the potential longevity of the approach.
- Soil injection was not selected based on the clayey nature of the soil making contact with the soils outside of the injection boring difficult.
- Soil excavation along with oxidation via gravity infiltration is the selected remedial approach.

Comprehensive excavation of all PCE-impacted soil in the vicinity of the grit trap is technically impracticable as costly structural support of the building footers, which are expected to be 6-feet below the floor slab, would be required. Therefore, EPS is proposing a “hot spot” soil excavation. The planned excavation layout is shown on Figure 7. The goal of the excavation is to remove soils which exceed a Type 4 RRS and to significantly reduce the overall mass of the PCE in the vadose zone.

An area of 50 square feet will be excavated to depths of 6-8 feet below the floor slab (the achievable excavation depth will be determined by structural considerations of the building footers (i.e., soils bearing the load of the footers will not be disturbed) and will differ at varying distances from the footers). The excavated soil will be treated by mixing it with a 10% sodium permanganate solution. Once the soil can be handled as non-hazardous waste, it will be placed into roll-off boxes for off-site disposal in a Subtitle D landfill. Sodium permanganate solution will also be poured into the bottom of the excavation and allowed to infiltrate into the underlying soil. The excavation will be backfilled with gravel to the base of the floor slab, and the floor will be reinstalled. As discussed in the next section, piping will be placed within the gravel for vapor mitigation purposes.

The floor drain pipe, which runs from the area of the former dry cleaning machines to the grit trap, will be excavated along with the surrounding soils. A 2-foot wide section of floor slab will be saw-cut and removed from the entire length of the drain pipe. The excavated soil will be treated with a 10% sodium permanganate solution to assure it can be disposed of as non-hazardous waste. The excavation will be backfilled as described in Section 5.3.

5.3 Vapor Intrusion Mitigation

Sub-slab soil gas samples collected beneath the Facility had elevated PCE concentrations. A sub-slab depressurization system will be installed to minimize the potential for PCE vapors to migrate from beneath the floor slab into the building interior. The planned piping layout for the system is shown on Figure 7. The system will include two sections of piping.

- One section of the system will be installed in place of the existing floor drain line, which runs from the former drum storage area to the grit trap. During the demolition activities associated with the soil excavation, the concrete slab on top of the floor drain line will be cut and removed, and the drain line will be excavated. Slotted pipe will be installed in the trench excavation. The pipe will be surrounded with a gravel pack, and the floor slab will be re-poured on top of the gravel. The piping will extend beneath the slab to the exterior of the back wall of the building.
- The second section of the system will include a pipe placed beneath the new floor slab from the gravel backfill of the 50 square foot soil excavation area to the exterior of the back wall.

These two sections of pipe will be connected, and a single line will be run vertically upwards along the exterior wall to the approximate height of the roof. An inline fan will be installed to create a negative pressure beneath the floor slab. Once the system is operational, vacuum readings will be collected from several locations around the piping system to determine the spatial influence of the

system. Adjustments or additions to the system may be considered depending on the results of the vacuum readings.

FIGURES



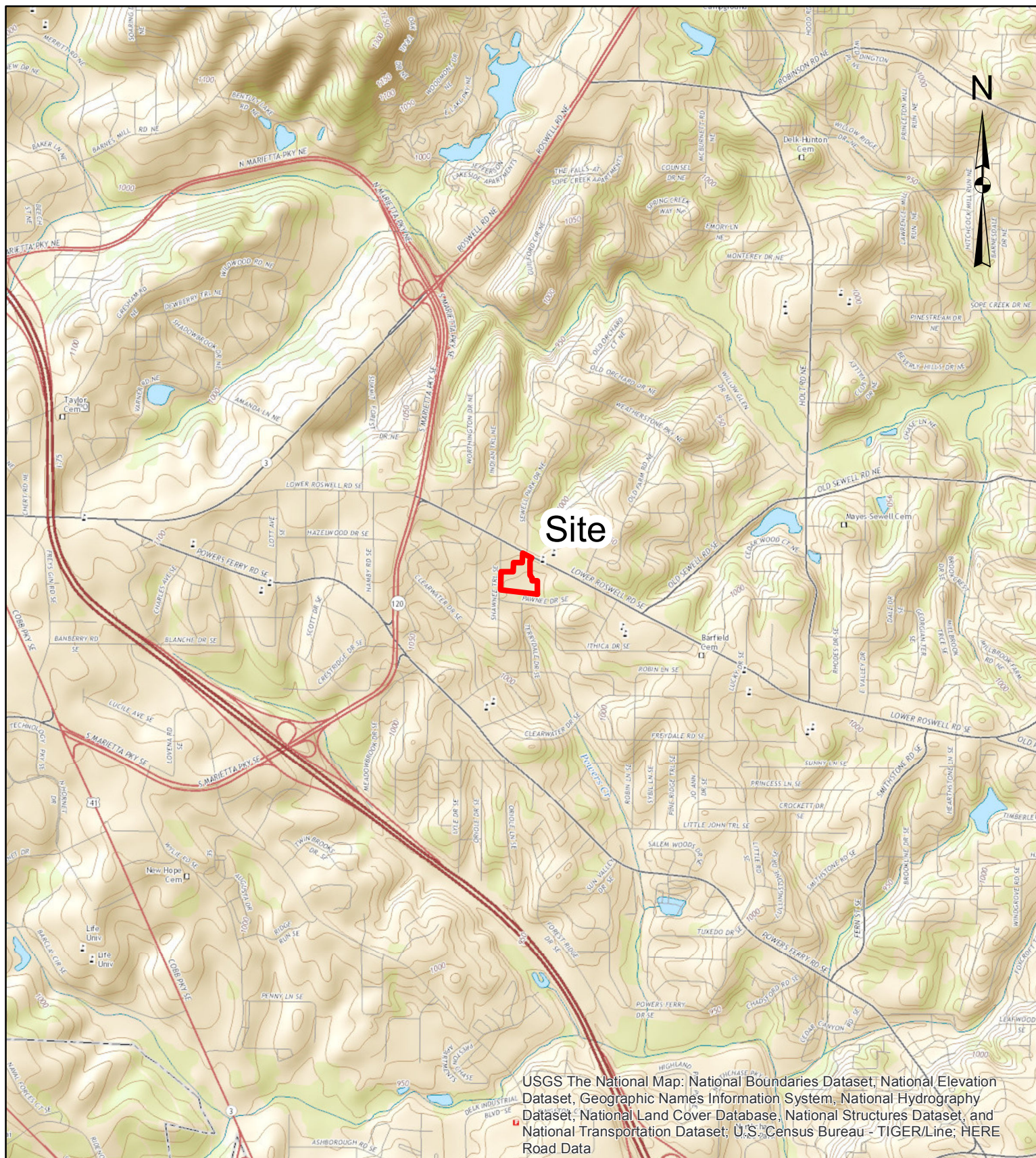
0 500 1,000
Feet

Legend

Property Boundary

Site Location Map

TLC Cleaners
2060 Lower Roswell Rd.
Marietta, GA 30068



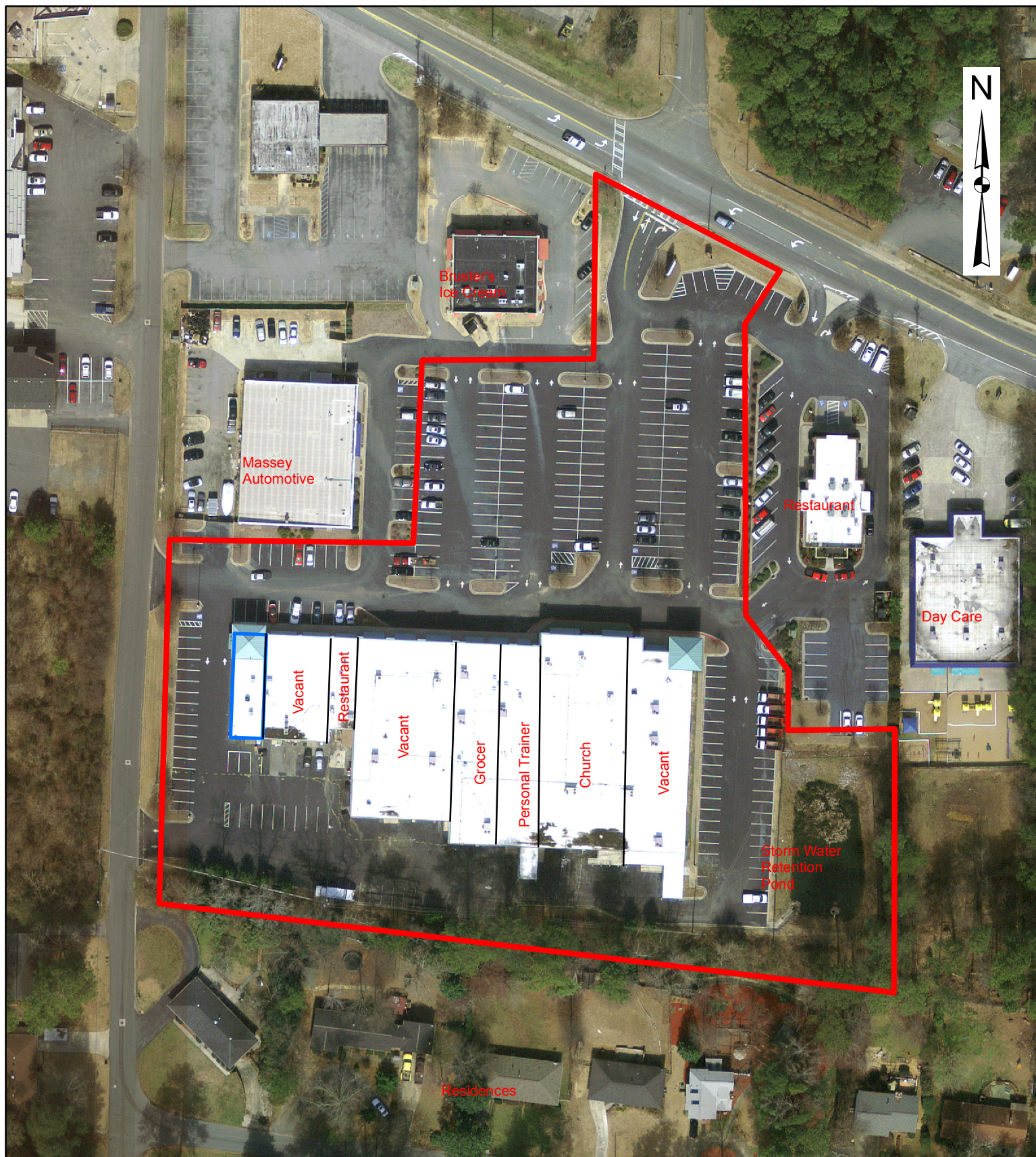
0 1,000 2,000
Feet

Legend

Property Boundary

USGS Topographic Map

TLC Cleaners
2060 Lower Roswell Rd.
Marietta, GA 30068



0 50 100
Feet

Legend

- Former Dry Cleaners
- Property Boundary

Site Plan
TLC Cleaners
2060 Lower Roswell Rd.
Marietta, GA 30068



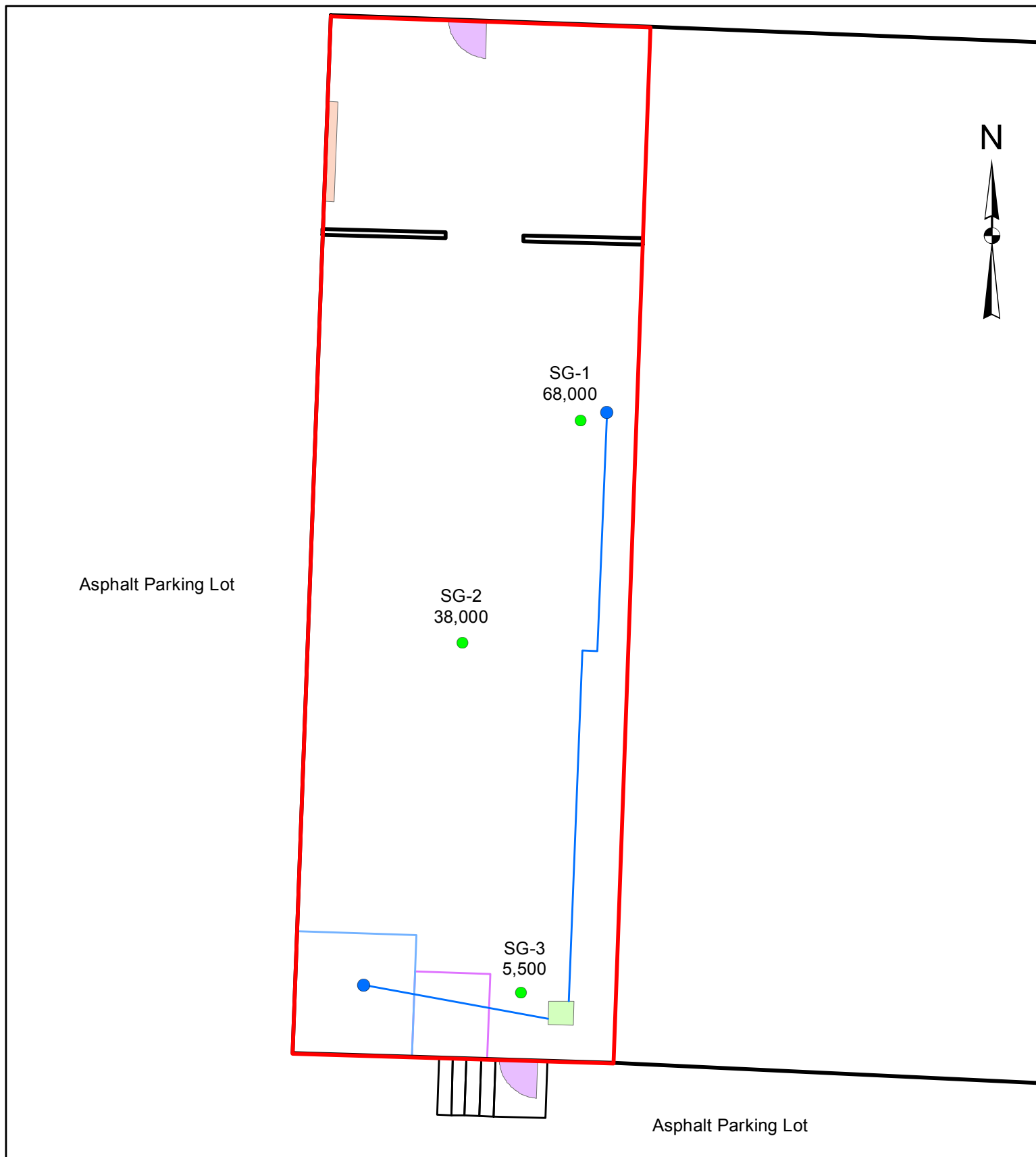
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Legend

- | | | |
|--------------------|--------------------------|-----------------------|
| ● Pipe Drain | ■ Former PCE Machines | ■ Bathroom |
| — Drain Line | ■ Former Washing Machine | ■ Boiler Room |
| ■ Sliding Door | ■ Stairs | ■ Door |
| ■ Building Outline | ■ Grit Trap | ■ Former TLC Cleaners |

Site Plan- Facility Layout

TLC Cleaners
2060 Lower Roswell Rd.
Marietta, GA 30068

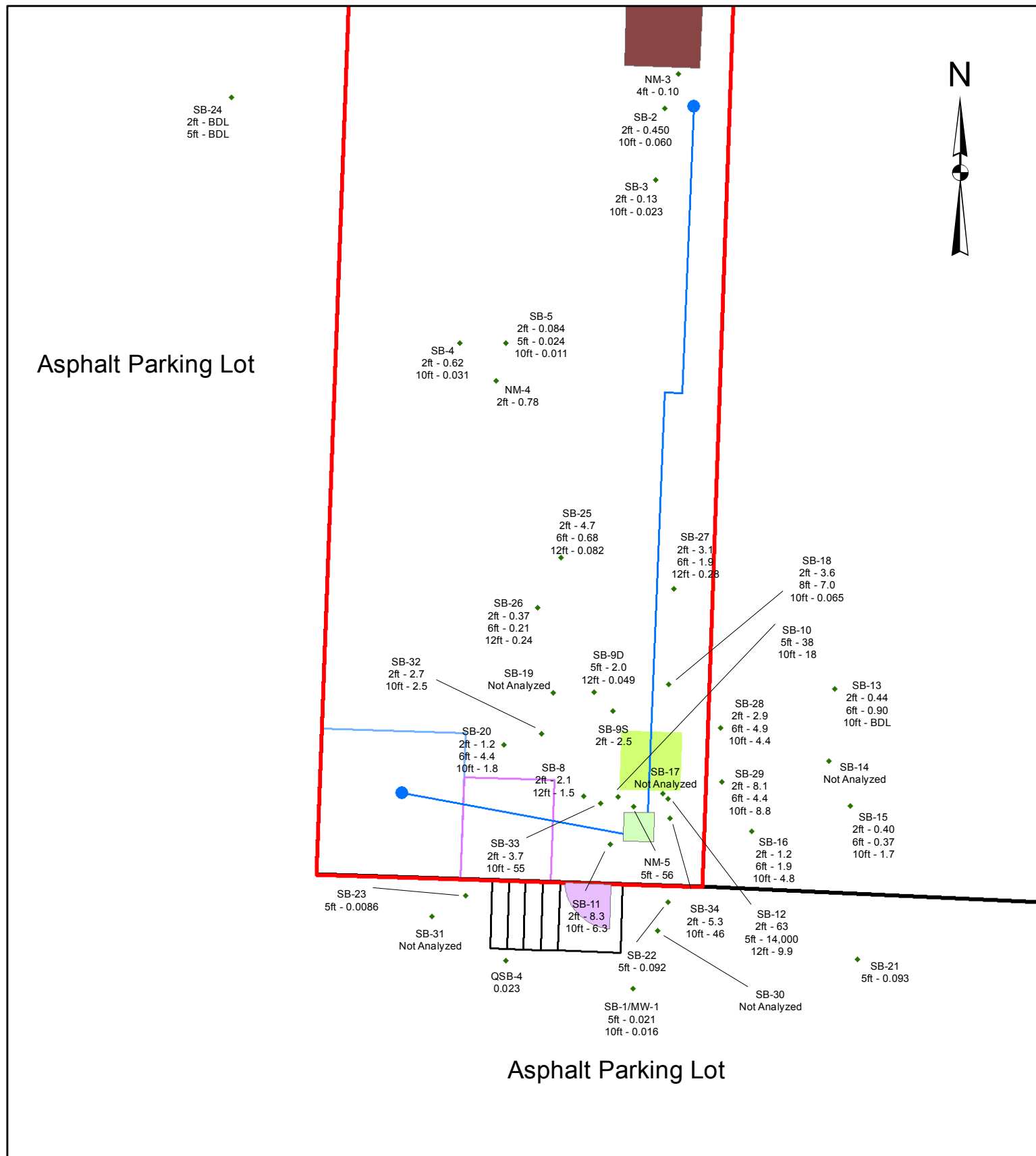


0 5 10
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Legend

- | | | |
|-----------------------------|--------------------|--|
| ● Pipe Drain | ▭ Stairs | ▭ Boiler Room |
| ● Soil Gas Sample Locations | ▭ Building Outline | ▭ Bathroom |
| — Pipe | ▭ Door | ▭ Grit Trap |
| ▭ Former Dry Cleaners | ▭ Sliding Door | 5.5 PCE Concentration ($\mu\text{g}/\text{m}^3$) |

December 2014
Soil Gas Sample Locations
 TLC Cleaners
 2060 Lower Roswell Rd.
 Marietta, GA 30068





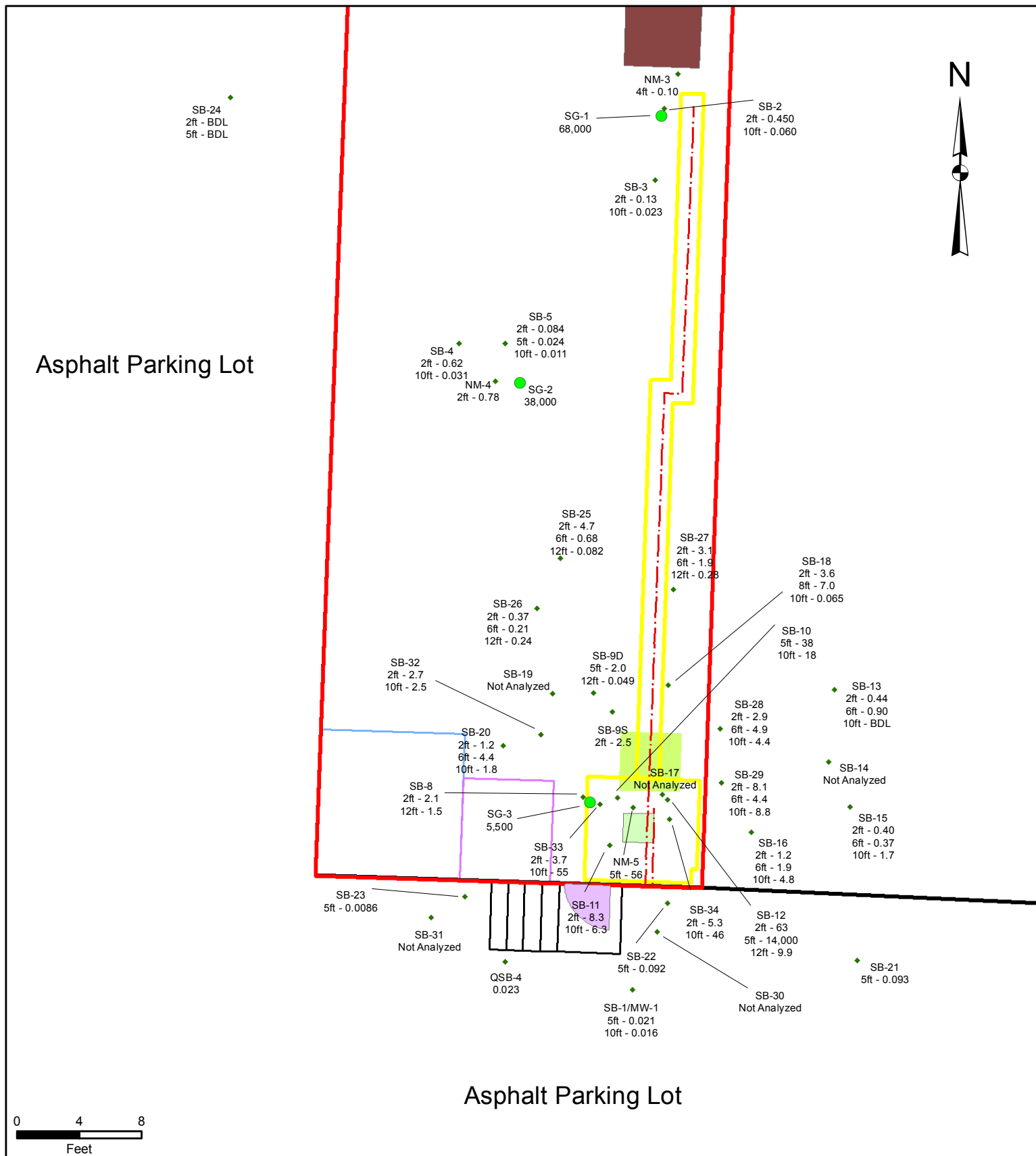
0 15 30
Feet

Legend

- | | | | |
|----|--------------------------|---------|-------------------------------------|
| | Monitoring Well | 1011.13 | Groundwater Elevation (ft) |
| | Piezometer | | Groundwater Flow Direction |
| 19 | PCE Concentration (µg/L) | | Potentiometric Surface Contour (ft) |
| ND | Non-Detect | | Former TLC Cleaners |
| | | | Property Boundary |

Groundwater Concentrations and Potentiometric Surface Map (May 2015)

TLC Cleaners
2060 Lower Roswell Rd.
Marietta, GA 30068



Planned Soil Excavation and Vapor Mitigation Layout

TLC Cleaners
2060 Lower Roswell Rd.
Marietta, GA 30068

TABLES

Table 1.
Sub-Slab Soil Gas Analytical Results
TLC Cleaners
Marietta, Georgia

Sample Location	Sample Date	Freon-12 ($\mu\text{g}/\text{m}^3$)	PCE ($\mu\text{g}/\text{m}^3$)
Residential (Non-Carcinogenic) TSSSGC		3,500	1,400
Residential (Carcinogenic) TSSSGC		N/A	360*
Non-Residential (Non-Carcinogenic) TSSSGC		15,000	5,800
Non-Residential (Carcinogenic) TSSSGC		N/A	15,667**
SG-1	12/17/14	810	68,000
SG-2	12/17/14	BDL	38,000
SG-3	12/17/14	BDL	5,500

Notes:

TSSSGC = Target Sub-Slab Soil Gas Concentration

Freon-12 = Dichlorodifluoromethane

PCE = Tetrachloroethene

$\mu\text{g}/\text{m}^3$ = micrograms per cubic meter

RSL = US EPA Regional Screening Level

N/A = Not Applicable

* = Residential Cancer Target Risk of 10^{-6}

** = Non-Residential Cancer Target Risk of 10^{-5}

Table 2A.
Soil VOC Analytical Results
TLC Cleaners
Marietta, Georgia

Sample Location	Depth (ft-bgs)	Sample Date	1,1-DCE (mg/kg)	4-Methyl-2-Pentanone (mg/kg)	Acetone (mg/kg)	cis-1,2-DCE (mg/kg)	p-Cymene (mg/kg)	PCE (mg/kg)	TCE (mg/kg)	trans-1,2-DCE (mg/kg)	Toluene (mg/kg)	Vinyl Chloride (mg/kg)	Xylenes (mg/kg)
Type 1 RRS			0.70	3.3	400	7.0	NR	0.50	0.50	10	100	0.20	1,000
Residential RRS			0.74	3.3	400	7.0	NR	29	0.50	10	100	0.20	1,000
Non-Residential RRS (Surface)			3.8	19	400	7.0	NR	55	0.50	13	100	0.20	1,000
Non-Residential RRS (Subsurface)			3.8	19	400	7.0	NR	55	0.50	13	100	0.20	1,000
QSB-4	13.5-15	06/02/99	BDL	BDL	BDL	BDL	NA	0.023	BDL	BDL	0.01	BDL	BDL
QSB-5	8.5-10	06/02/99	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	0.008	BDL	0.012
NM-1-4	4	07/30/13	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NM-3-4	4	07/30/13	BDL	BDL	BDL	BDL	BDL	0.10	BDL	BDL	BDL	BDL	BDL
NM4-2	2	07/30/13	BDL	BDL	BDL	BDL	BDL	0.78	BDL	BDL	BDL	BDL	BDL
NM5-5	5	07/30/13	BDL	BDL	BDL	BDL	0.47	56	BDL	BDL	BDL	BDL	BDL
SB1-5	5	05/19/14	BDL	BDL	BDL	BDL	NA	0.021	BDL	BDL	NA	BDL	NA
SB1-10	10	05/19/14	BDL	BDL	BDL	BDL	NA	0.016	BDL	BDL	NA	BDL	NA
SB1-15	15	05/19/14	BDL	BDL	BDL	BDL	NA	0.00062	BDL	BDL	NA	BDL	NA
SB-2-2	2	12/17/14	BDL	BDL	0.071	BDL	NA	0.45	BDL	BDL	BDL	BDL	BDL
SB-2-10	10	12/17/14	BDL	BDL	BDL	BDL	NA	0.060	BDL	BDL	BDL	BDL	BDL
SB-3-2	2	12/17/14	BDL	BDL	BDL	BDL	NA	0.13	BDL	BDL	BDL	BDL	BDL
SB-3-10	10	12/17/14	BDL	BDL	BDL	BDL	NA	0.023	BDL	BDL	BDL	BDL	BDL
SB-4-2	2	12/17/14	BDL	BDL	0.070	BDL	NA	0.62	BDL	BDL	BDL	BDL	BDL
SB-4-10	10	12/17/14	BDL	BDL	BDL	BDL	NA	0.031	BDL	BDL	BDL	BDL	BDL
SB-5-2	2	12/18/14	BDL	BDL	BDL	BDL	NA	0.084	BDL	BDL	BDL	BDL	BDL
SB-5-5	5	12/18/14	BDL	BDL	BDL	BDL	NA	0.024	BDL	BDL	BDL	BDL	BDL
SB-5-10	10	12/18/14	BDL	BDL	BDL	BDL	NA	0.011	BDL	BDL	BDL	BDL	BDL
SB-8-2	2	12/18/14	BDL	BDL	BDL	BDL	NA	2.1	BDL	BDL	BDL	BDL	BDL
SB-8-12	12	12/18/14	BDL	BDL	BDL	BDL	NA	1.5	BDL	BDL	BDL	BDL	BDL
SB-9S-2	2	12/18/14	BDL	BDL	BDL	BDL	NA	2.5	BDL	BDL	BDL	BDL	BDL
SB-9D-5	5	12/18/14	BDL	BDL	BDL	BDL	NA	2.0	BDL	BDL	BDL	BDL	BDL
SB-9D-12	12	12/18/14	BDL	BDL	BDL	BDL	NA	0.049	BDL	BDL	BDL	BDL	BDL
SB-10-5	5	12/17/14	BDL	0.22	0.073	0.0086	NA	38	0.018	BDL	BDL	BDL	BDL
SB-10-10	10	12/17/14	BDL	BDL	BDL	0.0055	NA	18	0.0066	BDL	BDL	BDL	BDL
SB-11-2	2	12/17/14	BDL	BDL	BDL	BDL	NA	8.3	0.014	BDL	BDL	BDL	BDL
SB-11-10	10	12/17/14	BDL	BDL	BDL	0.0064	NA	6.3	0.0088	BDL	BDL	BDL	BDL
SB-12-2	2	12/18/14	BDL	BDL	BDL	BDL	NA	63	0.0051	BDL	BDL	BDL	BDL
SB-12-5	5	12/18/14	BDL	BDL	BDL	BDL	NA	14,000	BDL	BDL	BDL	BDL	BDL
SB-12-12	12	12/18/14	BDL	BDL	BDL	0.015	NA	9.9	0.012	BDL	BDL	BDL	BDL
SB-13-2	2	2/10/15	BDL	BDL	BDL	BDL	NA	0.44	BDL	BDL	BDL	BDL	BDL
SB-13-6	6	2/10/15	BDL	BDL	BDL	0.0074	NA	0.90	BDL	BDL	BDL	BDL	BDL
SB-13-10	10	2/10/15	BDL	BDL	BDL	0.011	NA	BDL	0.0048	BDL	BDL	BDL	BDL

Table 2A.
Soil VOC Analytical Results
TLC Cleaners
Marietta, Georgia

Sample Location	Depth (ft-bgs)	Sample Date	1,1-DCE (mg/kg)	4-Methyl-2-Pentanone (mg/kg)	Acetone (mg/kg)	cis-1,2-DCE (mg/kg)	p-Cymene (mg/kg)	PCE (mg/kg)	TCE (mg/kg)	trans-1,2-DCE (mg/kg)	Toluene (mg/kg)	Vinyl Chloride (mg/kg)	Xylenes (mg/kg)
Type 1 RRS			0.70	3.3	400	7.0	NR	0.50	0.50	10	100	0.20	1,000
Residential RRS			0.74	3.3	400	7.0	NR	29	0.50	10	100	0.20	1,000
Non-Residential RRS (Surface)			3.8	19	400	7.0	NR	55	0.50	13	100	0.20	1,000
Non-Residential RRS (Subsurface)			3.8	19	400	7.0	NR	55	0.50	13	100	0.20	1,000
SB-15-2	2	2/10/15	BDL	BDL	BDL	BDL	NA	0.40	BDL	BDL	BDL	BDL	BDL
SB-15-6	6	2/10/15	BDL	BDL	BDL	BDL	NA	0.37	BDL	BDL	BDL	BDL	BDL
SB-15-10	10	2/10/15	BDL	BDL	BDL	BDL	NA	1.7	BDL	BDL	BDL	BDL	BDL
SB-16-2	2	2/10/15	BDL	BDL	BDL	BDL	NA	1.2	BDL	BDL	BDL	BDL	BDL
SB-16-6	6	2/10/15	BDL	BDL	BDL	BDL	NA	1.9	0.0042	BDL	BDL	BDL	BDL
SB-16-10	10	2/10/15	BDL	BDL	BDL	BDL	NA	4.8	0.0058	BDL	BDL	BDL	BDL
SB-18-2	2	2/10/15	BDL	BDL	BDL	BDL	NA	3.6	BDL	BDL	BDL	BDL	BDL
SB-18-8	8	2/10/15	BDL	BDL	BDL	BDL	NA	7.0	BDL	BDL	BDL	BDL	BDL
SB-18-10	10	2/10/15	BDL	BDL	BDL	BDL	NA	0.065	BDL	BDL	BDL	BDL	BDL
SB-20-2	2	2/10/15	BDL	BDL	BDL	BDL	NA	1.2	BDL	BDL	BDL	BDL	BDL
SB-20-6	6	2/10/15	BDL	BDL	BDL	BDL	NA	4.4	BDL	BDL	BDL	BDL	BDL
SB-20-10	10	2/10/15	BDL	BDL	BDL	BDL	NA	1.8	BDL	BDL	BDL	BDL	BDL
SB-21-5	5	2/11/15	BDL	BDL	BDL	BDL	NA	0.093	BDL	BDL	BDL	BDL	BDL
SB-22-5	5	2/11/15	BDL	BDL	BDL	BDL	NA	0.092	BDL	BDL	BDL	BDL	BDL
SB-23-5	5	2/11/15	BDL	BDL	BDL	BDL	NA	0.0086	BDL	BDL	BDL	BDL	BDL
SB-24-2	2	2/11/15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SB-24-5	5	2/11/15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SB-25-2	2	2/10/15	BDL	BDL	BDL	BDL	NA	4.7	BDL	BDL	BDL	BDL	BDL
SB-25-6	6	2/10/15	BDL	BDL	BDL	BDL	NA	0.68	BDL	BDL	BDL	BDL	BDL
SB-25-12	12	2/10/15	BDL	BDL	BDL	BDL	NA	0.082	BDL	BDL	BDL	BDL	BDL
SB-26-2	2	2/11/15	BDL	BDL	BDL	BDL	NA	0.37	BDL	BDL	BDL	BDL	BDL
SB-26-6	6	2/11/15	BDL	BDL	BDL	BDL	NA	0.21	BDL	BDL	BDL	BDL	BDL
SB-26-12	12	2/11/15	BDL	BDL	BDL	BDL	NA	0.24	BDL	BDL	BDL	BDL	BDL
SB-27-2	2	2/11/15	BDL	BDL	BDL	BDL	NA	3.1	BDL	BDL	BDL	BDL	BDL
SB-27-6	6	2/11/15	BDL	BDL	BDL	BDL	NA	1.9	BDL	BDL	BDL	BDL	BDL
SB-27-12	12	2/11/15	BDL	BDL	BDL	BDL	NA	0.28	BDL	BDL	BDL	BDL	BDL
SB-28-2	2	2/11/15	BDL	BDL	BDL	BDL	NA	2.9	BDL	BDL	BDL	BDL	BDL
SB-28-6	6	2/11/15	BDL	BDL	BDL	BDL	NA	4.9	BDL	BDL	BDL	BDL	BDL
SB-28-10	10	2/11/15	BDL	BDL	BDL	BDL	NA	4.4	BDL	BDL	BDL	BDL	BDL
SB-29-2	2	2/11/15	BDL	BDL	BDL	BDL	NA	8.1	BDL	BDL	BDL	BDL	BDL
SB-29-6	6	2/11/15	BDL	BDL	BDL	0.0043	NA	4.4	0.0042	BDL	BDL	BDL	BDL
SB-29-10	10	2/11/15	BDL	BDL	BDL	0.0075	NA	8.8	0.0058	BDL	BDL	BDL	BDL
SB-32-2	2	7/6/15	BDL	BDL	BDL	BDL	NA	2.7	BDL	BDL	NA	BDL	NA
SB-32-10	10	7/6/15	BDL	BDL	BDL	BDL	NA	2.5	BDL	BDL	NA	BDL	NA

Table 2A.
Soil VOC Analytical Results
TLC Cleaners
Marietta, Georgia

Sample Location	Depth (ft-bgs)	Sample Date	1,1-DCE (mg/kg)	4-Methyl-2-Pentanone (mg/kg)	Acetone (mg/kg)	cis-1,2-DCE (mg/kg)	p-Cymene (mg/kg)	PCE (mg/kg)	TCE (mg/kg)	trans-1,2-DCE (mg/kg)	Toluene (mg/kg)	Vinyl Chloride (mg/kg)	Xylenes (mg/kg)
Type 1 RRS			0.70	3.3	400	7.0	NR	0.50	0.50	10	100	0.20	1,000
Residential RRS			0.74	3.3	400	7.0	NR	29	0.50	10	100	0.20	1,000
Non-Residential RRS (Surface)			3.8	19	400	7.0	NR	55	0.50	13	100	0.20	1,000
Non-Residential RRS (Subsurface)			3.8	19	400	7.0	NR	55	0.50	13	100	0.20	1,000
SB-33-2	2	7/6/15	BDL	BDL	BDL	BDL	NA	3.7	BDL	BDL	NA	BDL	NA
SB-33-10	10	7/6/15	BDL	BDL	BDL	0.0053	NA	55	0.0067	BDL	NA	BDL	NA
SB-34-2	2	7/6/15	BDL	BDL	BDL	BDL	NA	5.3	BDL	BDL	NA	BDL	NA
SB-34-10	10	7/6/15	BDL	BDL	BDL	0.018	NA	46	0.023	BDL	NA	BDL	NA

Notes:

Borings SB-6, SB-7, SB-14, SB-17, SB-19 are not included on this table because no sample was analyzed from these locations.

Borings SB-30 and SB-31 are not included on this table because no VOC samples were collected from these locations, only TOC samples (Table 2B).

ft-bgs = feet below the ground surface

1,1-DCE = 1,1-Dichloroethene

cis-1,2-DCE = cis-1,2-Dichloroethene

PCE = Tetrachloroethene

TCE = Trichloroethene

rans-1,2-DCE = trans-1,2-Dichloroethene

mg/Kg = milligrams per kilogram

RRS = Risk Reduction Standards

BDL = Below Detection Limits

NR = Not Regulated

NA = Constituent Not Analyzed

Constituent detected above the Non-Residential RRS

Table 2B.
Soil Total Organic Carbon Analytical Results
TLC Cleaners
Marietta, Georgia

Sample Location	Depth (ft-bgs)	Sample Date	TOC (mg/Kg)
SB-30-7	7	05/07/15	626
SB-31-7	7	05/07/15	1060

Notes:

ft-bgs = feet below the ground surface

TOC = Total Organic Carbon

mg/Kg = milligrams per kilogram

Table 2C.
Soil SPLP Analytical Results
TLC Cleaners
Marietta, Georgia

Sample Location	Depth (ft-bgs)	Sample Date	1,1-DCE		cis-1,2-DCE		PCE		TCE		trans-1,2-DCE		Vinyl Chloride	
			Total (mg/kg)	SPLP (µg/L)	Total (mg/kg)	SPLP (mg/L)	Total (mg/kg)	SPLP (mg/L)	Total (mg/kg)	SPLP (mg/L)	Total (mg/kg)	SPLP (mg/L)	Total (mg/kg)	SPLP (mg/L)
SB-32-2	2	07/06/15	BDL	BDL	BDL	BDL	2.7	0.0053	BDL	BDL	BDL	BDL	BDL	BDL
SB-32-10	10	07/06/15	BDL	BDL	BDL	BDL	2.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SB-33-2	2	07/06/15	BDL	BDL	BDL	BDL	3.7	0.049	BDL	BDL	BDL	BDL	BDL	BDL
SB-33-10	10	07/06/15	BDL	BDL	0.0053	BDL	55	0.023	0.0067	BDL	BDL	BDL	BDL	BDL
SB-34-2	2	07/06/15	BDL	BDL	BDL	BDL	5.3	0.0080	BDL	BDL	BDL	BDL	BDL	BDL
SB-34-10	10	07/06/15	BDL	BDL	0.018	BDL	46	0.012	0.023	BDL	BDL	BDL	BDL	BDL

Notes:

ft-bgs = feet below the ground surface

1,1-DCE = 1,1-Dichloroethene

cis-1,2-DCE = cis-1,2-Dichloroethene

PCE = Tetrachloroethene

TCE = Trichloroethene

trans-1,2-DCE = trans-1,2-Dichloroethene

BDL = Below Detection Limits

Table 3.
Groundwater Analytical Results
TLC Cleaners
Marietta, Georgia

Sample Location	Sample Date	cis-1,2-DCE (µg/L)	Chloroform (µg/L)	PCE (µg/L)
Residential RRS		70	80	19
Non-Residential RRS		200	80	98
MW-1	05/21/14	BDL	NA	43
	05/22/15	NA	NA	19
PZ-1	05/22/15	BDL	NA	BDL
PZ-2	05/22/15	BDL	NA	BDL
PZ-3	05/22/15	BDL	NA	BDL

Notes:

cis-1,2-DCE = cis-1,2-Dichloroethene

PCE = Tetrachloroethene

ug/L = micrograms per liter

BDL = constituent was not detected above the detection limit.

NA = Constituent not analyzed

Table 4.
Groundwater Elevations
TLC Cleaners
Marietta, Georgia

Well Location	Date Measured	Top of Casing Elevation (ft-amsl)	Depth to Groundwater (ft)	Groundwater Elevation (ft-amsl)
MW-1	05/22/15	1019.47	8.34	1011.13
PZ-1	05/22/15	1021.07	9.27	1011.80
PZ-2	05/22/15	1016.37	5.77	1010.60
PZ-3	05/22/15	1015.77	5.94	1009.83

Notes:

ft-amsl = feet above mean sea level

APPENDIX A

Professional Geologist Summary of Hours

10:24 AM
07/23/15

Environmental Planning Specialists, Inc.
Billed Hours by Justin Vickery
TLC - Project Hours
November 2014 - June 2015

	<u>Nov 14</u>	<u>Dec 14</u>	<u>Jan 15</u>	<u>Feb 15</u>	<u>Mar 15</u>	<u>Apr 15</u>	<u>May 15</u>	<u>Jun 15</u>	<u>TOTAL</u>
TOTAL	<u><u>4.25</u></u>	<u><u>9.75</u></u>	<u><u>12.75</u></u>	<u><u>14.50</u></u>	<u><u>22.50</u></u>	<u><u>26.50</u></u>	<u><u>9.00</u></u>	<u><u>26.50</u></u>	<u><u>125.75</u></u>

APPENDIX B

Milestone Schedule

Projected Milestone Schedule
TLC Cleaners
2060 Lower Roswell Road
Marietta, Georgia 30068

ID	Task Name	2015				2016				2017				2018				2019			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Soil Delineation																				
2	Semiannual Progress Reports																				
3	Finalize Remediation Plan																				
4	Remediation Implementation																				
5	Compliance Status Report / Site Closure																				

	Quarters Completed
	Completed Activity
	Planned Activity

APPENDIX C

Risk Reduction Standards

Table A. Georgia Specific Values

Parameter	CAS	NC (mg/kg)	Table 2 Soil (mg/kg)	Table 1 GW (mg/L)	GA MCL (mg/L)
1,1-Dichloroethene	75-35-4	0.36		0.007	0.007
4-Methyl-2-Pentanone	108-10-1	3.3			
Acetone	67-64-1	2.74		4	
Chloroform	67-66-3	0.68		0.08	
cis-1,2-Dichloroethene	156-59-2	0.53		0.07	0.07
Tetrachloroethene	127-18-4	0.18		0.005	0.005
Toluene	108-88-3	14.4		1	1
trans-1,2-Dichloroethene	156-60-5	0.53		0.1	0.1
Trichloroethene	79-01-6	0.13		0.005	0.005
Vinyl chloride	75-01-4	0.04		0.002	0.002
Xylenes	1330-20-7	20		10	10

Table B. Physical-Chemical Parameters

Analyte	CAS	Organic Carbon Partition Coefficient (K _{oc}) (cm ³ /g)		Diffusivity in air (D _a) (cm ² /s)	Henry's Law Constant (H') (unitless)	Henry's Law Constant at reference temperature of 25C (H) (atm-m ³ /mol)		Volatile	Dei = Da x E ^{0.33}	Kd* = Koc x OC	Kas = (H/Kd) x 41	α cm ² /s	VF m ³ /kg
1,1-Dichloroethene	75-35-4	3.2E+01	EPI	8.6E-02	1.1E+00	2.6E-02	EPI	V	0.061	0.636	1.68	0.01554	862
4-Methyl-2-Pentanone	108-10-1	1.3E+01	EPI	7.0E-02	5.6E-03	1.4E-04	EPI	V	0.049	0.252	0.02	0.00022	9590
Acetone	67-64-1	2.4E+00	EPI	1.1E-01	1.4E-03	3.5E-05	EPI	V	0.075	0.047	0.03	0.00046	6689
Chloroform	67-66-3	3.2E+01	EPI	7.7E-02	1.5E-01	3.7E-03	EPI	V	0.054	0.636	0.24	0.00249	2756
cis-1,2-Dichloroethene	156-59-2	4.0E+01	EPI	8.8E-02	1.7E-01	4.1E-03	EPI	V	0.063	0.792	0.21	0.00257	2726
Tetrachloroethene	127-18-4	9.5E+01	EPI	5.0E-02	7.2E-01	1.8E-02	EPI	V	0.036	1.899	0.38	0.00257	2639
Toluene	108-88-3	2.3E+02	EPI	7.8E-02	2.7E-01	6.6E-03	EPI	V	0.055	4.678	0.06	0.00064	5621
trans-1,2-Dichloroethene	156-60-5	4.0E+01	EPI	8.8E-02	3.9E-01	9.4E-03	SSL	V	0.062	0.792	0.49	0.00558	1756
Trichloroethene	79-01-6	6.1E+01	EPI	6.9E-02	4.0E-01	9.9E-03	EPI	V	0.049	1.214	0.33	0.00307	2436
Vinyl chloride	75-01-4	2.2E+01	EPI	1.1E-01	1.1E+00	2.8E-02	EPI	V	0.076	0.435	2.62	0.02634	580
Xylenes	1330-20-7	3.8E+02	EPI	6.9E-02	2.1E-01	5.2E-03	EPI	V	0.048	7.658	0.03	0.00027	8703

* Kd values fo metals are taken from SSG assuming a pH of 6.8

SSG -EPA Soil Screening Guidance - Values are calculated values unless otherwise indicated as measured.

ORNL RAIS - Oak Ridge National Laboratory Risk Assessment Information System

EPI Suite -EPI (Estimation Programs Interface) Suite™

Calculated - from H' - Where H' =H*41

VF (m³/kg) =

$$\frac{(LS \times V \times DH)}{A} \times \frac{(\pi \times \alpha \times T)^{1/2}}{(2 \times D_{ei} \times E \times K_{as} \times 10^{-3} \text{ kg/g})}$$

LS = 45 m length of side of contaminated area

V = 2.25 m/s wind speed in mixing zone

DH = 2 m diffusion height

A = 20300000 cm² area of contamination

π = 3.14

α = $\frac{(D_{ei} \times E)}{E + \rho_s(1-E)/K_{as}}$ cm²/s

D_{ei} = D_i x E^{0.33} cm²/s effective diffusivity

D_i = Chemical specific molecular diffusivity (cm²/s)

E = 0.35 total soil porosity

ρ_s = 2.65 g/m³ density of soil solids

Kas = (H/Kd) x 41 soil/air partition coefficient (g soil/cm³ air)

H = Chemical specific Henry's law constant (atm-m³/mol)

Kd = Koc x OC soil-water partition coefficient

Koc= Chemical specific organic carbon partition coefficient

OC = 0.02 soil organic carbon content fraction

T = 790000000 s exposure interval

Table C. Toxicity Factors

Analyte	CAS	NonCancer Toxicity Values			Cancer Toxicity Values			
		Oral RfD	Inhalation RFC	Inhalation RfD	Oral CSF	Inhalation Unit Risk	Inhalation CSF	Cancer Class
		mg/kg-day	mg/m3	mg/kg-day	per mg/kg-day	per ug/m3	per mg/kg-day	
1,1-Dichloroethene	75-35-4	5.00E-02	2.00E-01	5.71E-02				C
4-Methyl-2-Pentanone	108-10-1	8.00E-02	3.00E+00	8.57E-01				
Acetone	67-64-1	9.00E-01	3.10E+01	8.86E+00				
Chloroform	67-66-3	1.00E-02	9.80E-02	2.80E-02	3.10E-02	2.30E-05	8.05E-02	B2
cis-1,2-Dichloroethene	156-59-2	2.00E-03						
Tetrachloroethene	127-18-4	6.00E-03	4.00E-02	1.14E-02	2.10E-03	2.60E-07	9.10E-04	B
Toluene	108-88-3	8.00E-02	5.00E+00	1.43E+00				
trans-1,2-Dichloroethene	156-60-5	2.00E-02						
Trichloroethene	79-01-6	5.00E-04	2.00E-03	5.71E-04	4.60E-02	4.10E-06	1.44E-02	A
Vinyl chloride	75-01-4	3.00E-03	1.00E-01	2.86E-02	7.20E-01	4.40E-06	1.54E-02	A
Xylenes	1330-20-7	2.00E-01	1.00E-01	2.86E-02				

Values are from the EPA Regional Screening Level Summary Table (June 2015), except where noted

IRIS: Integrated Risk Information System (www.epa.gov/IRIS/)

Table D. Groundwater Risk Calculations

Analyte	CAS	Volatile?	Oral CSF per mg/kg-	Inhalation CSF per mg/kg- day	RAGS Eqn. 1								
					Adult			Child			Worker		
					Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total
					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
1,1-Dichloroethene	75-35-4	V											
4-Methyl-2-Pentanone	108-10-1	V											
Acetone	67-64-1	V											
Chloroform	67-66-3	V	3.10E-02	8.05E-02	0.027	0.0028	0.0026	0.059	0.0030	0.0029	0.092	0.0036	0.0034
cis-1,2-Dichloroethene	156-59-2	V											
Tetrachloroethene	127-18-4	V	2.10E-03	9.10E-04	0.41	0.25	0.15	0.87	0.27	0.20	1.4	0.31	0.26
Toluene	108-88-3	V											
trans-1,2-Dichloroethene	156-60-5	V											
Trichloroethene	79-01-6	V	4.60E-02	1.44E-02	0.019	0.016	0.0085	0.040	0.017	0.012	0.062	0.020	0.015
Vinyl chloride	75-01-4	V	7.20E-01	1.54E-02	0.0012	0.015	0.0011	0.0025	0.016	0.0022	0.0040	0.019	0.0033
Xylenes	1330-20-7	V											

$$\text{Ingestion/Oral C (mg/kg)} = \frac{\text{TR} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times (\text{SFo} \times \text{IRw})}$$

$$\text{Inhalation C (mg/kg)} = \frac{\text{TR} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times (\text{SFi} \times \text{K} \times \text{IRa})}$$

Note: Inhalation pathway not calculated if not volatile

$$\text{RAGS Eqn 1} = \frac{\text{TR} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times [(\text{SFo} \times \text{IRw}) + (\text{SFi} \times \text{K} \times \text{IRa})]}$$

Parameter			Adult		Child		Worker	
			Value	Source	Value	Source	Value	Source
Body Weight, Adult (kg)	BW		70	1	15	2	70	1
Exposure Frequency, Resident Adult (d/yr)	EF		350	1	350	1	250	1
Exposure Duration, Resident Adult (yr)	ED		30	1	6	2	25	1
Soil Ingestion, Resident Adult (mg/d)	IRs		114	1	200	2	50	1
Water ingestion, Resident Adult (L/d)	IRw		2	1	1	1	1	1
Inhalation Rate, Resident Adult (m ³ /d)	IRa		15	1	15	2	20	1
Averaging Time, Cancer, Adult (d)	AT		25550	1	25550	1	25550	1
Target Risk	TR		1E-05	1	1E-05	1	1E-05	1
Water-to-air volatilization factor (L/m3)	K		0.5	1	0.5	1	0.5	1
Particulate Emission Factor (m3/kg)	PEF		4630000000	1	4630000000	1	4630000000	1

Notes:

Source 1 - GaEPD Reg 391-3-19 Appendix III, Table 3

Source 2 - HSRA Guidance <http://www.georgiaepd.org/Documents/hsraguideCSRRRS.html>

Table E. Groundwater Hazard Calculations

Analyte	CAS	Volatile?	Oral RfD	Inhalation RfD	RAGS Eqn. 2								
					Adult			Child			Worker		
					Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total
			mg/kg-day	mg/kg-day	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
1,1-Dichloroethene	75-35-4	V	5.00E-02	5.71E-02	1.8	0.56	0.43	0.78	0.12	0.10	5.1	0.58	0.52
4-Methyl-2-Pentanone	108-10-1	V	8.00E-02	8.57E-01	3	8	2	1	2	0.7	8	9	4
Acetone	67-64-1	V	9.00E-01	8.86E+00	33	86	24	14	18	8.0	92	91	46
Chloroform	67-66-3	V	1.00E-02	2.80E-02	0.37	0.27	0.16	0.16	0.058	0.043	1.0	0.29	0.22
cis-1,2-Dichloroethene	156-59-2	V	2.00E-03		0.073		0.073	0.031		0.031	0.20		0.2044
Tetrachloroethene	127-18-4	V	6.00E-03	1.14E-02	0.22	0.11	0.074	0.094	0.024	0.019	0.61	0.1168	0.098
Toluene	108-88-3	V	8.00E-02	1.43E+00	2.9	14	2.4	1.3	3.0	0.88	8.2	14.6	5.2
trans-1,2-Dichloroethene	156-60-5	V	2.00E-02		0.73		0.73	0.31		0.31	2.044		2.0
Trichloroethene	79-01-6	V	5.00E-04	5.71E-04	0.018	0.0056	0.0043	0.0078	0.0012	0.0010	0.051	0.0058	0.0052
Vinyl chloride	75-01-4	V	3.00E-03	2.86E-02	0.11	0.28	0.079	0.047	0.060	0.026	0.31	0.292	0.15
Xylenes	1330-20-7	V	2.00E-01	2.86E-02	7.3	0.28	0.27	3.1	0.060	0.058	20.44	0.292	0.29

Lead GSL based on Appendix III concentration

$$\text{Ingestion/Oral C (mg/kg)} = \frac{\text{THI} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times (1/\text{RfDo} \times \text{IRw})}$$

$$\text{Inhalation C (mg/kg)} = \frac{\text{THI} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times (1/\text{RfDi} \times \text{K} \times \text{IRa})}$$

Note: Inhalation pathway not calculated if not volatile

$$\text{RAGS Eqn 2} = \frac{\text{THI} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times [(1/\text{RfDo} \times \text{IRw}) + (1/\text{RfDi} \times \text{K} \times \text{IRa})]}$$

Parameter			Adult		Child		Worker	
			Value	Source	Value	Source	Value	Source
Body Weight, Adult (kg)	BW		70	1	15	2	70	1
Exposure Frequency, Resident Adult (d/yr)	EF		350	1	350	1	250	1
Exposure Duration, Resident Adult (yr)	ED		30	1	6	2	25	1
Soil Ingestion, Resident Adult (mg/d)	IRs		114	1	200	2	50	1
Water ingestion, Resident Adult (L/d)	IRw		2	1	1	1	1	1
Inhalation Rate, Resident Adult (m ³ /d)	IRa		15	1	15	2	20	1
Averaging Time, Noncancer, Adult (d)	AT		10950	1	2190	1	9125	1
Target hazard quotient	THQ		1	1	1	1	1	1
Water-to-air volatilization factor (L/m ³)	K		0.5	1	0.5	1	0.5	1
Particulate Emission Factor (m ³ /kg)	PEF		4630000000	1	4630000000	1	4630000000	1

Exposure Duration x 365 days

Notes:

Source 1 - GaEPD Reg 391-3-19 Appendix III, Table 3

Source 2 - HSRA Guidance <http://www.georgiaepd.org/Documents/hsraguideCSRRES.html>

Table F. Soil Risk Calculations

Analyte	CAS	Volatile?	VF	Oral CSF per mg/kg-	Inhalation CSF per mg/kg- day	RAGS Eqn. 6								
						Adult			Child			Worker		
						Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total
						mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
1,1-Dichloroethene	75-35-4	V	862											
4-Methyl-2-Pentanone	108-10-1	V	9590											
Acetone	67-64-1	V	6689											
cis-1,2-Dichloroethene	156-59-2	V	2726											
Tetrachloroethene	127-18-4	V	2639	2.10E-03	0.00091	7115	329	315	4345	353	326	27253	415	409
Toluene	108-88-3	V	5621											
trans-1,2-Dichloroethene	156-60-5	V	1756											
Trichloroethene	79-01-6	V	2436	4.60E-02	0.01435	325	19	18	198	21	19	1244	24	24
Vinyl chloride	75-01-4	V	580	7.20E-01	0.0154	21	4.3	3.5	13	4.6	3.4	79	5.4	5.0
Xylenes	1330-20-7	V	8703											

Notes:

Lead SSL based on IEUBK model

Ingestion/Oral C (mg/kg) =

$$\frac{TR \times BW \times AT}{EF \times ED \times (Sf_o \times 10^{-6} \times IRs)}$$

Inhalation C (mg/kg) =

$$\frac{TR \times BW \times AT}{EF \times ED \times (Sf_i \times IRa \times (1/VF + 1/PEF))}$$

Note: VF not used if constituent is not volatile

RAGS Eqn 7 =

$$\frac{TR \times BW \times AT}{EF \times ED \times [(Sf_o \times 10^{-6} \times IRs) + (Sf_i \times IRa \times (1/VF + 1/PEF))]}$$

Parameter		Adult		Child		Worker	
		Value	Source	Value	Source	Value	Source
Body Weight, Adult (kg)	BW	70	1	15	2	70	1
Exposure Frequency, Resident Adult (d/yr)	EF	350	1	350	1	250	1
Exposure Duration, Resident Adult (yr)	ED	30	1	6	2	25	1
Soil Ingestion, Resident Adult (mg/d)	IRs	114	1	200	2	50	1
Water ingestion, Resident Adult (L/d)	IRw	2	1	1	1	1	1
Inhalation Rate, Resident Adult (m ³ /d)	IRa	15	1	15	2	20	1
Averaging Time, Cancer, Adult (d)	AT	25550	1	25550	1	25550	1
Target Risk	TR	1.00E-05	1	1.00E-05	1	1.00E-05	1
Water-to-air volatilization factor (L/m3)	K	0.5	1	0.5	1	0.5	1
Particulate Emission Factor (m3/kg)	PEF	4630000000	1	4630000000	1	4630000000	1

Notes:

Source 1 - GaEPD Reg 391-3-19 Appendix III, Table 3

Source 2 - HSRA Guidance <http://www.georgiaepd.org/Documents/hsraguideCSRRES.html>

Table G. Soil Hazard Calculations

Analyte	CAS	Volatile?	VF	Oral RfD mg/kg- day	Inhalation RfD mg/kg- day	RAGS Eqn. 7								
						Adult			Child			Worker		
						Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total
						mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
1,1-Dichloroethene	75-35-4	V	862	5.00E-02	5.71E-02	32018	240	238	3911	51	51	102200	252	251
4-Methyl-2-Pentanone	108-10-1	V	9590	8.00E-02	8.57E-01	51228	40003	22462	6257	8572	3617	163520	42003	33419
Acetone	67-64-1	V	6689	9.00E-01	8.86E+00	576316	288337	192185	70393	61786	32905	1839600	302754	259969
cis-1,2-Dichloroethene	156-59-2	V	2726	2.00E-03		1281		1281	156		156	4088		4088
Tetrachloroethene	127-18-4	V	2639	6.00E-03	1.14E-02	3842	147	141	469	31	29	12264	154	152
Toluene	108-88-3	V	5621	8.00E-02	1.43E+00	51228	39077	22168	6257	8374	3581	163520	41031	32801
trans-1,2-Dichloroethene	156-60-5	V	1756	2.00E-02		12807		12807	1564		1564	40880		40880
Trichloroethene	79-01-6	V	2436	5.00E-04	5.71E-04	320	7	7	39	1	1	1022	7	7
Vinyl chloride	75-01-4	V	580	3.00E-03	2.86E-02	1921	81	77	235	17	16	6132	85	83
Xylenes	1330-20-7	V	8703	2.00E-01	2.86E-02	128070	1210	1199	15643	259	255	408800	1271	1267

Notes:

Lead SSL based on IEUBK model

$$\text{Ingestion/Oral C (mg/kg)} = \frac{\text{THI} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times (1/\text{RfDo} \times 10^{-6} \times \text{I})}$$

$$\text{Inhalation C (mg/kg)} = \frac{\text{THI} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times (1/\text{RfDi} \times \text{IRa} \times (1/\text{VF} + 1/\text{PEF}))}$$

Note: VF not used if constituent is not volatile

$$\text{RAGS Eqn 7} = \frac{\text{THI} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times [(1/\text{RfDo} \times 10^{-6} \times \text{IRs}) + (1/\text{RfDi} \times \text{IRa} \times (1/\text{VF} + 1/\text{PEF}))]}$$

Parameter		Adult		Child		Worker	
		Value	Source	Value	Source	Value	Source
Body Weight, Adult (kg)	BW	70	1	15	2	70	1
Exposure Frequency, Resident Adult (d/yr)	EF	350	1	350	1	250	1
Exposure Duration, Resident Adult (yr)	ED	30	1	6	2	25	1
Soil Ingestion, Resident Adult (mg/d)	IRs	114	1	200	2	50	1
Water ingestion, Resident Adult (L/d)	IRw	2	1	1	1	1	1
Inhalation Rate, Resident Adult (m ³ /d)	IRa	15	1	15	2	20	1
Averaging Time, Noncancer, Adult (d)	AT	10950	1	2190	1	9125	1
Target hazard quotient	THQ	1.00E+00	1	1.00E+00	1	1.00E+00	1
Water-to-air volatilization factor (L/m3)	K	0.5	1	0.5	1	0.5	1
Particulate Emission Factor (m3/kg)	PEF	4630000000	1	4630000000	1	4.63E+09	1

Exposure Duration x 365 days

Notes:

Source 1 - GaEPD Reg 391-3-19 Appendix III, Table 3

Source 2 - HSRA Guidance <http://www.georgiaepd.org/Documents/hsraguideCSRERS.html>

Table H. Groundwater Residential Risk Reduction Standards

Analyte	CAS	TYPE 1 GW RRS				TYPE 2 GW RRS								Residential GW RRS - higher of Type 1 and mg/L
		Rule 391-3-19-.07(6)(b) and Guidance: The lesser of Table 1 App III and GA MCL (or where NA, the higher of DL or Bkg)				Rule 391-3-19-.07(7)(b): The lesser of Items 1 and 2 (or where NA, the higher of Table 1 App III, background or DL)								
		Table 1, App III mg/L	GA MCL mg/L	Bkg* mg/L	Type 1 GW RRS mg/L	Item 1: RAGS Eqn 2 (NC)		Item 2: RAGS Eqn 1 (C)		Lesser of Items 1 and 2	Alternate, if NA		Type 2 GW RRS mg/L	
Adult mg/L	Child mg/L					Adult mg/L	Child mg/L	Table 1, App III mg/L	Bkg* mg/L					
1,1-Dichloroethene	75-35-4	0.007	0.007		0.007	0.43	0.10			0.10	0.007		0.10	0.10
4-Methyl-2-Pentanone	108-10-1				Bkg/DL	2	0.7			0.7			0.7	0.7
Acetone	67-64-1	4			4	24	8.0			8.0	4		8.0	8.0
Chloroform	67-66-3	0.08			0.08	0.16	0.043	0.0026	0.0029	0.0026	0.08		0.0026	0.080
cis-1,2-Dichloroethene	156-59-2	0.07	0.07		0.07	0.073	0.031			0.031	0.07		0.031	0.070
Tetrachloroethene	127-18-4	0.005	0.005		0.005	0.074	0.019	0.15	0.20	0.019	0.005		0.019	0.019
Toluene	108-88-3	1	1		1	2.4	0.88			0.88	1		0.88	1.0
trans-1,2-Dichloroethene	156-60-5	0.1	0.1		0.1	0.73	0.31			0.31	0.1		0.31	0.31
Trichloroethene	79-01-6	0.005	0.005		0.005	0.0043	0.0010	0.0085	0.012	0.0010	0.005		0.0010	0.0050
Vinyl chloride	75-01-4	0.002	0.002		0.002	0.079	0.026	0.0011	0.0022	0.0011	0.002		0.0011	0.0020
Xylenes	1330-20-7	10	10		10	0.27	0.058			0.058	10		0.058	10

Table I. Groundwater Industrial Risk Reduction Standards

Analyte	CAS	TYPE 3 GW RRS	TYPE 4 GW RRS						Non-Residential RRS - higher of Type 3 and 4 mg/L
		Rule 391-3-19-.07(8)(c) Same as Type 1 GW RRS mg/L	Rule 391-3-19-.07(9)(c): The lesser of Items 1 and 2 (or where NA, the higher of Table 1 App III, background and DL)						
			Item 1 RAGS Eqn 2 (NC) mg/L	Item 2 RAGS Eqn 1 (C) mg/L	Lesser of Items 1 and 2 mg/L	Alternate		Type 4 GW RRS mg/L	
			Table 1 App III mg/L	Bkg*					
1,1-Dichloroethene	75-35-4	0.007	0.52		0.52	0.007		0.52	0.52
4-Methyl-2-Pentanone	108-10-1	Bkg/DL	4.2		4.2			4.2	4.2
Acetone	67-64-1	4	46		46	4		46	46
Chloroform	67-66-3	0.08	0.22	0.0034	0.0034	0.08		0.0034	0.08
cis-1,2-Dichloroethene	156-59-2	0.07	0.20		0.20	0.07		0.2044	0.2044
Tetrachloroethene	127-18-4	0.005	0.098	0.26	0.098	0.005		0.098	0.098
Toluene	108-88-3	1	5.2		5.2	1		5.2	5.2
trans-1,2-Dichloroethene	156-60-5	0.1	2.0		2.0	0.1		2.0	2.0
Trichloroethene	79-01-6	0.005	0.0052	0.015	0.0052	0.005		0.0052	0.0052
Vinyl chloride	75-01-4	0.002	0.15	0.0033	0.0033	0.002		0.0033	0.0033
Xylenes	1330-20-7	10	0.29		0.29	10		0.29	10

Table J. Protection of Groundwater Soil Screening Level Calculations

Analyte	CAS	Physical/Chemical Properties			Type 1/2 SSL			Type 4 SSL		
		Unitless Henry's Law (H') ^a	Organic Carbon Partitioning Coefficient (K _{oc})	Soil-Water Partition Coefficient (K _d = K _{oc} * OC)	Residential GW RRS (Higher of Type 1 and 2)	Target Soil Leachate Concentration (C _w = GW RRS * DAF)	Type 1/2 SSL	Nonresidential GW RRS (Higher of Type 3 and 4)	Target Soil Leachate Concentration (C _w = GW RRS * DAF)	Type 4 SSL
			(L/kg)	(L/kg)	(mg/L)	(mg/L)	(mg/kg)	(mg/L)	(mg/L)	(mg/kg)
1,1-Dichloroethene	75-35-4	1.067048	31.82	0.06364	0.10	2.1	0.74	0.52	10	3.8
4-Methyl-2-Pentanone	108-10-1	0.005642	12.6	0.0252	0.7	15	3.3	4.2	85	19
Acetone	67-64-1	0.001431	2.364	0.004728	8.0	160	33	46	912	187
Chloroform	67-66-3	0.150041	31.82	0.06364	0.08	1.6	0.44	0.08	1.6	0.44
cis-1,2-Dichloroethene	156-59-2	0.166803	39.6	0.0792	0.07	1.4	0.41	0.2044	4.1	1.2
Tetrachloroethene	127-18-4	0.72363	94.94	0.18988	0.019	0.38	55	0.10	2.0	55
Toluene	108-88-3	0.271464	233.9	0.4678	1	20	14	5.2	105	73
trans-1,2-Dichloroethene	156-60-5	0.385	39.6	0.0792	0.31	6.3	2.0	2.0	40.88	13
Trichloroethene	79-01-6	0.402698	60.7	0.1214	0.005	0.1	0.036	0.0052	0.10	0.037
Vinyl chloride	75-01-4	1.13655	21.73	0.04346	0.002	0.04	0.014	0.0033	0.065	0.023
Xylenes	1330-20-7	0.211774	382.9	0.7658	10	200	197	10	200	197

SSL Eqn:

Notes:

DAF	20.00
OC (site specific organic carbon)=	0.2%
n (porosity) ^c =	0.43
ps (soil particle den. kg/L) ^c =	2.65
0w (water-filled soil por) ^c =	0.3
0a (air-filled soil por) ^c = n - 0w	0.13
pb (dry soil bulk den. kg/L) ^c =	1.5

^aH is set to zero for metals, with the exception of mercury^bequation 4-10, Supplemental SSG (USEPA 2002) (p. 4-28), **SSL = C_w*(K_d+((0w+0a*H')/pb))**^cDefault Soil Screening Guidance Values

NA = No Appendix III Groundwater Concentration available; SSL cannot be calculated.

SPLP:

Location	Tetrachloroethene		Target L
	Total (mg/kg)	SPLP (mg/L)	Conc.
SB-32 (10 ft)	2.5	<0.005	0.3
SB-32 (2ft)	2.7	0.0053	0.3
SB-33 (2 ft)	3.7	0.049	0.3
SB-34 (2 ft)	5.3	0.008	0.3
SB-34 (10 ft)	46	0.012	0.3
SB-33 (10 ft)	55	0.023	0.3

All SPLP results less than target leachate concentration.
Thus, SSL set at highest total concentration.

Table K. Soil Residential Risk Reduction Standards

Analyte	CAS	TYPE 1 - SOIL											
		Rule 391-3-19-.07(6)(c): Table 2 Appendix III, or if not listed, the the least of Items 1-3 (and if not calculable the higher of background and DL)											
		Table 2 - Appendix III	Item 1 of Rule 391-3-19-.07(6)(c): Higher of (i), (ii), (iii)				Item 2 RAGS Eqn. 7 (NC)	Item 3 RAGS Eqn. 6 (C)			Least of Items 1 - 3	Bkg**	Type 1 Soil RRS
			(i): Appendix I (NC) - exclude []	(ii): Table 1 GW x 100 factor	(iii): TCLP*	Higher of i - iii	Adult	Adult	Carcin. Class	Adjusted Adult			
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			mg/kg	mg/kg	mg/kg	
1,1-Dichloroethene	75-35-4		0.36	0.7		0.7	238		C		0.7		0.7
4-Methyl-2-Pentanone	108-10-1		3.3			3.3	22462				3.3		3.3
Acetone	67-64-1		2.74	400		400	192185				400		400
Chloroform	67-66-3		0.68	8		8	355	4	B2	4	3.9		3.9
cis-1,2-Dichloroethene	156-59-2		0.53	7		7	1281				7		7
Tetrachloroethene	127-18-4		0.18	0.5		0.5	141	315	B	315	0.5		0.5
Toluene	108-88-3		14.4	100		100	22168				100		100
trans-1,2-Dichloroethene	156-60-5		0.53	10		10	12807				10		10
Trichloroethene	79-01-6		0.13	0.5		0.5	7	18	A	18	0.5		0.5
Vinyl chloride	75-01-4		0.04	0.2		0.2	77	3.5	A	3.5	0.2		0.2
Xylenes	1330-20-7		20	1000		1000	1199				1000		1000

Analyte	CAS	TYPE 2 - SOIL										Residential Soil RRS - higher of Type 1 and 2 mg/kg
		Rule 391-3-19-.07(7)(c): Least of Items 1-4 (and if not calculable, the higher of Table 2 Appendix III, background and DL)										
		Item 1 Type 1/2 SSL Protective of Groundwater mg/kg	Item 2 RAGS Eqn 7 (NC)		Item 3 RAGS Eqn 6		Item 4 IEUBK*** mg/kg	Least of Items 1 - 4 mg/kg	Alternate, if NA		Type 2 RRS mg/kg	
			Adult mg/kg	Child mg/kg	Adult mg/kg	Child mg/kg			Table 2, Appen dix III mg/kg	Bkg ** mg/kg		
1,1-Dichloroethene	75-35-4	0.74	238	51				0.74			0.74	0.74
4-Methyl-2-Pentanone	108-10-1	3.3	22462	3617				3.3			3.3	3.322967869
Acetone	67-64-1	33	192185	32905				33			33	400
Chloroform	67-66-3	0.44	355	73	3.9	4.1		0.44			0.44	3.9
cis-1,2-Dichloroethene	156-59-2	0.41	1281	156				0.41			0.41	7
Tetrachloroethene	127-18-4	55.0	141	29	315	326		29			29	29
Toluene	108-88-3	14	22168	3581				14			14	100
trans-1,2-Dichloroethene	156-60-5	2.0	12807	1564				2.0			2.0	10
Trichloroethene	79-01-6	0.036	6.6	1.4	18	19		0.036			0.036	0.5
Vinyl chloride	75-01-4	0.014	77	16	3.5	3.4		0.014			0.014	0.2
Xylenes	1330-20-7	197	1199	255				197			197	1000

* NA - TCLP results not available for this Site

** NA - Background not determined for this Site

*** NA - Lead not a COPC

Table L. Soil Non-Residential Risk Reduction Standards

Analyte	CAS	TYPE 3 SOIL														
		Item 1: Rule 391-3-19-.07(8)(d)1.						Item 2: Rule 391-3-19-.07(8)(d)2						Alternate if NA	Type 3 SS (<2') RRS:	Type 3 SB (>2') RRS: Item 1, , if NA then Bkg or DL
		(i): Item 1 of Rule 391-3-19-.07(6)(c)			(ii)	(iii)	Item 1: Highest of (i), (ii) and (iii) mg/kg	(i)	(ii)			(iii)	Item 2: Lowest of (i), (ii) and (iii) mg/kg	Bkg ** mg/kg	mg/kg	
		Appendix I (NC) - exclude [] mg/kg	Table 1 GW x 100 factor mg/kg	TCLP* mg/kg	Table 2 of Appendix III mg/kg	Lead*** mg/kg		RAGS Eqn. 7 Worker NC mg/kg	RAGS Eqn. 6 Worker C mg/kg	Cancer Class	Adjusted Eqn 6 Worker C mg/kg	Lead*** mg/kg				
1,1-Dichloroethene	75-35-4	0.36	0.7				0.7	251		C			251		0.7	0.7
4-Methyl-2-Pentanone	108-10-1	3.3					3.3	33419					33419		3.3	3.3
Acetone	67-64-1	2.74	400				400	259969					259969		400	400
Chloroform	67-66-3	0.68	8				8	387	4.9	B2	4.9		4.9		4.9	8
cis-1,2-Dichloroethene	156-59-2	0.53	7				7	4088					4088		7	7
Tetrachloroethene	127-18-4	0.18	0.5				0.5	152	409	B	409		152		0.50	0.50
Toluene	108-88-3	14.4	100				100	32801					32801		100	100
trans-1,2-Dichloroethene	156-60-5	0.53	10				10	40880					40880		10	10
Trichloroethene	79-01-6	0.13	0.5				0.5	7.1	24	A	24		7.1		0.5	0.5
Vinyl chloride	75-01-4	0.04	0.2				0.2	83	5.0	A	5.0		5.0		0.2	0.2
Xylenes	1330-20-7	20	1000				1000	1267					1267		1000	1000

Analyte	CAS	Type 4 Soil								
		Item 1: Rule 391-3-19.- 07(9)(d)	Item 2: Rule 391-3-19.-07(9)(d)				Alternate, if NA		Type 4 SS RRS: Lesser of Items 1 and 2	Type 4 SB RRS: Item 1
			(i)	(ii)	(iii) Lead *** mg/kg	Item 2: Lowest of (i),(ii) and (iii) mg/kg	Table 2, Appendix III mg/kg	Bkg ** mg/kg		
			Type 3/4 SSL Protection of Groundwater mg/kg	RAGS Eqn.7 Worker NC mg/kg					RAGS Eqn. 6 Worker C mg/kg	
			if NA highest of Table 2 Appendix III, Bkg or DL							
1,1-Dichloroethene	75-35-4	3.8	251			251			3.8	3.8
4-Methyl-2-Pentanone	108-10-1	19	33419			33419			19	19
Acetone	67-64-1	187	259969			259969			187	187
Chloroform	67-66-3	0.44	387			386.8			0.44	0.44
cis-1,2-Dichloroethene	156-59-2	1.2	4088			4088			1.2	1.2
Tetrachloroethene	127-18-4	55	152			152			55	55
Toluene	108-88-3	73	32801			32801			73	73
trans-1,2-Dichloroethene	156-60-5	13	40880			40880			13	13
Trichloroethene	79-01-6	0.037	7.1			7.1			0.037	0.037
Vinyl chloride	75-01-4	0.023	83			83.5			0.023	0.023
Xylenes	1330-20-7	197	1267			1267			197	197

Non-Residential SS mg/kg	Non-Residential SB mg/kg
3.8	3.8
19	19
400	400
4.9	8.0
7	7
55	55
100	100
13	13
0.5	0.5
0.2	0.2
1000	1000

* NA - TCLP results not available for this Site

** NA - Background not determined for this Site

*** NA - Lead not a COPC

SS: Surface Soil (0-2 ft) SB: Subsurface Soil (> 2ft)

Table M. Summary of Default Risk Reduction Standards (May 2014 RSL table)

Analyte	CAS	Groundwater					
		Type 1 RRS mg/L	Type 2 RRS mg/L	Residential RRS mg/L	Type 3 RRS mg/L	Type 4 RRS mg/L	Non- Residential RRS mg/L
1,1-Dichloroethene	75-35-4	0.0070	0.10	0.10	0.0070	0.52	0.52
4-Methyl-2-Pentanone	108-10-1	Bkg/DL	0.7	0.74	Bkg/DL	4	4
Acetone	67-64-1	4.0	8.0	7.99	4.0	46	46
Chloroform	67-66-3	0.080	0.0026	0.080	0.080	0.0034	0.080
cis-1,2-Dichloroethene	156-59-2	0.070	0.031	0.070	0.070	0.20	0.20
Tetrachloroethene	127-18-4	0.0050	0.019	0.019	0.0050	0.098	0.098
trans-1,2-Dichloroethene	156-60-5	0.10	0.31	0.31	0.10	2.0	2.0
Trichloroethene	79-01-6	0.0050	0.0010	0.0050	0.0050	0.0052	0.0052
Vinyl chloride	75-01-4	0.0020	0.0011	0.0020	0.0020	0.0033	0.0033

Analyte	CAS	Soil								
		Type 1 RRS mg/kg	Type 2 RRS mg/kg	Residential RRS mg/kg	Type 3 RRS		Type 4 RRS		Non-Residential RRS	
					SS mg/kg	SB mg/kg	SS mg/kg	SB mg/kg	SS mg/kg	SB mg/kg
1,1-Dichloroethene	75-35-4	0.70	0.74	0.74	0.70	0.70	3.8	3.8	3.8	3.8
4-Methyl-2-Pentanone	108-10-1	3.3	3.3	3.3	3.3	3.3	19	19	19	19
Acetone	67-64-1	400	33	400	400	400	187	187	400	400
Chloroform	67-66-3	3.9	0.44	3.9	4.9	8.0	0.44	0.44	4.88	8.00
cis-1,2-Dichloroethene	156-59-2	7.0	0.41	7.0	7.0	7.0	1.2	1.2	7.0	7.0
Tetrachloroethene	127-18-4	0.50	29.48	29.48	1	1	55	55	55	55
Toluene	108-88-3	100	14	100	100	100	73	73	100	100
trans-1,2-Dichloroethene	156-60-5	10	2.0	10	10	10	13	13	13	13
Trichloroethene	79-01-6	0.50	0.036	0.50	0.50	0.50	0.037	0.037	0.50	0.50
Vinyl chloride	75-01-4	0.20	0.014	0.20	0.20	0.20	0.023	0.023	0.20	0.20
Xylenes	1330-20-7	1000	197	1000	1000	1000	197	197	1000	1000

APPENDIX D

Boring Logs and Well Construction Information

PROJECT:	TLC Cleaners	Log of Boring No.		MW-1/SB-1	
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):		1019.47	
DRILLING CONTRACTOR:	Smith Drilling	DATE STARTED:	5/19/2014	DATE FINISHED:	5/19/2014
DRILLING METHOD:	Hollow Stem Auger	TOTAL DEPTH (ft.):	20	SCREEN INTERVAL (ft.):	0-9.5
DRILLING EQUIPMENT:	CME 55	DEPTH TO WATER AT TIME OF BORING (ft.):	~10	CASING (ft.):	9.5-19.5
SAMPLING METHOD:	Split Spoon	BOREHOLE DIAMETER (In.):	4	WELL DIAMETER (In.):	2

LOGGED BY: William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured		
0					Asphalt/Gravel		8-inch flush mounted well vault
5	14139-SB1-5			0	Reddish brown sandy clay		
10	14139-SB1-10			0	Striated sand (moist)		Set 2-inch diameter, schedule 40, PVC well with 10 ft. of 0.010-inch slotted screen.
15	14139-SB1-15			0	Red clay and sand		
20				0			

PROJECT:	TLC Cleaners	Log of Boring No.				SB-2		
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):				N/A		
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:		12/17/2014		DATE FINISHED:	12/17/2014	
DRILLING METHOD:	Hand Auger	TOTAL DEPTH (ft.):		10		SCREEN INTERVAL (ft.):		N/A
DRILLING EQUIPMENT:	Hand Auger	DEPTH TO WATER AT TIME OF BORING (ft.):		N/A		CASING (ft.):		N/A
SAMPLING METHOD:	Hand Auger	BOREHOLE DIAMETER (In.):		2		WELL DIAMETER (In.):		N/A

LOGGED BY:
 William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0	14351-SB-2-2			19.6	Concrete floor slab			
5					Brown, red clayey sand to sandy clay			
10	14351-SB-2-10			10.5				
15								
20								

PROJECT:	TLC Cleaners	Log of Boring No.	SB-3
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	12/17/2014
		DATE FINISHED:	12/17/2014
DRILLING METHOD:	Hand Auger	TOTAL DEPTH (ft.):	10
		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	Hand Auger	DEPTH TO WATER AT TIME OF BORING (ft.):	N/A
		CASING (ft.):	N/A
SAMPLING METHOD:	Hand Auger	BOREHOLE DIAMETER (In.):	2
		WELL DIAMETER (In.):	N/A

LOGGED BY:
 William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0	14351-SB-3-2			20.2	Concrete floor slab			
5	14351-SB-3-10			0.2	Brown, red clayey sand to sandy clay			
10								
15								
20								

PROJECT:	TLC Cleaners	Log of Boring No.	SB-4
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	12/17/2014
		DATE FINISHED:	12/17/2014
DRILLING METHOD:	Hand Auger	TOTAL DEPTH (ft.):	10
		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	Hand Auger	DEPTH TO WATER AT TIME OF BORING (ft.):	N/A
		CASING (ft.):	N/A
SAMPLING METHOD:	Hand Auger	BOREHOLE DIAMETER (In.):	2
		WELL DIAMETER (In.):	N/A

LOGGED BY:
 William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0	14351-SB-4-2			2.9	Concrete floor slab			
					Brown, red clayey sand to sandy clay			
5					Light grayish, brown clayey sand to sandy clay			
	14351-SB-4-10			0.4	Brown, red clayey sand to sandy clay			
10								
15								
20								

PROJECT:	TLC Cleaners	Log of Boring No.				SB-5		
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):				N/A		
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:		12/17/2014		DATE FINISHED:	12/17/2014	
DRILLING METHOD:	Hand Auger	TOTAL DEPTH (ft.):		10		SCREEN INTERVAL (ft.):		N/A
DRILLING EQUIPMENT:	Hand Auger	DEPTH TO WATER AT TIME OF BORING (ft.):		N/A		CASING (ft.):		N/A
SAMPLING METHOD:	Hand Auger	BOREHOLE DIAMETER (In.):		2		WELL DIAMETER (In.):		N/A

LOGGED BY: William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0	14352-SB-5-2			2.4	Concrete floor slab			
					Brown, red clayey sand to sandy clay			
5					Light grayish brown clayey sand to sandy clay			
	14352-SB-5-5			478	Brown, red clayey sand to sandy clay			
10	14352-SB-5-10			11.5				
15								
20								

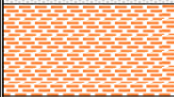
PROJECT:	TLC Cleaners	Log of Boring No.				SB-6		
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):				N/A		
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:		12/17/2014		DATE FINISHED:	12/17/2014	
DRILLING METHOD:	Hand Auger	TOTAL DEPTH (ft.):		2		SCREEN INTERVAL (ft.):		N/A
DRILLING EQUIPMENT:	Hand Auger	DEPTH TO WATER AT TIME OF BORING (ft.):		N/A		CASING (ft.):		N/A
SAMPLING METHOD:	Hand Auger	BOREHOLE DIAMETER (In.):		2		WELL DIAMETER (In.):		N/A

LOGGED BY: William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0					Concrete floor slab Brown, red clayey sand to sandy clay		Refusal at ~2 ft.	
5								
10								
15								
20								

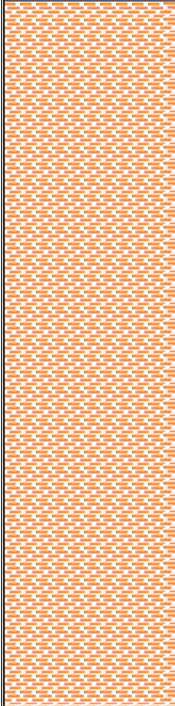
PROJECT:	TLC Cleaners	Log of Boring No.	SB-7
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	12/17/2014
		DATE FINISHED:	12/17/2014
DRILLING METHOD:	Hand Auger	TOTAL DEPTH (ft.):	2
		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	Hand Auger	DEPTH TO WATER AT TIME OF BORING (ft.):	N/A
		CASING (ft.):	N/A
SAMPLING METHOD:	Hand Auger	BOREHOLE DIAMETER (In.):	2
		WELL DIAMETER (In.):	N/A

LOGGED BY: William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured				
0						Concrete floor slab		Refusal at ~2 ft.	
					Brown, red clayey sand to sandy clay				
5									
10									
15									
20									

PROJECT:	TLC Cleaners	Log of Boring No.	SB-8
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	12/17/2014
		DATE FINISHED:	12/17/2014
DRILLING METHOD:	Hand Auger	TOTAL DEPTH (ft.):	12
		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	Hand Auger	DEPTH TO WATER AT TIME OF BORING (ft.):	N/A
		CASING (ft.):	N/A
SAMPLING METHOD:	Hand Auger	BOREHOLE DIAMETER (In.):	2
		WELL DIAMETER (In.):	N/A

LOGGED BY: William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS		
	Sample No.	No. Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured				
0	14352-SB-8-2			33.8		Concrete floor slab			
						Brown, red clayey sand to sandy clay			
5	14352-SB-8-12			9.7					
10									
15									
20									

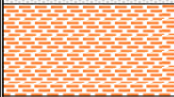
PROJECT:	TLC Cleaners	Log of Boring No.	SB-9D
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	12/17/2014
		DATE FINISHED:	12/17/2014
DRILLING METHOD:	Hand Auger	TOTAL DEPTH (ft.):	10
		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	Hand Auger	DEPTH TO WATER AT TIME OF BORING (ft.):	N/A
		CASING (ft.):	N/A
SAMPLING METHOD:	Hand Auger	BOREHOLE DIAMETER (In.):	2
		WELL DIAMETER (In.):	N/A

LOGGED BY:
 William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0					Concrete floor slab			
5	14352-SB-9D-5			95	Brown, red clayey sand to sandy clay			
10	14352-SB-9D-12			121				
15								
20								

PROJECT:	TLC Cleaners	Log of Boring No.				SB-9S
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):				N/A
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	12/17/2014	DATE FINISHED:	12/17/2014	
DRILLING METHOD:	Hand Auger	TOTAL DEPTH (ft.):	10	SCREEN INTERVAL (ft.):	N/A	
DRILLING EQUIPMENT:	Hand Auger	DEPTH TO WATER AT TIME OF BORING (ft.):	N/A	CASING (ft.):	N/A	
SAMPLING METHOD:	Hand Auger	BOREHOLE DIAMETER (In.):	2	WELL DIAMETER (In.):	N/A	

LOGGED BY: William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	No. Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0	14352-SB-9S-2			4.7		Concrete floor slab		
						Brown, red clayey sand to sandy clay		
5								
10								
15								
20								

PROJECT:	TLC Cleaners	Log of Boring No.				SB-10		
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):				N/A		
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:		12/17/2014		DATE FINISHED:	12/17/2014	
DRILLING METHOD:	Hand Auger	TOTAL DEPTH (ft.):		10		SCREEN INTERVAL (ft.):		N/A
DRILLING EQUIPMENT:	Hand Auger	DEPTH TO WATER AT TIME OF BORING (ft.):		N/A		CASING (ft.):		N/A
SAMPLING METHOD:	Hand Auger	BOREHOLE DIAMETER (In.):		2		WELL DIAMETER (In.):		N/A

LOGGED BY:
 William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0					Concrete floor slab			
5	14351-SB-10-5			47.9	Brown, red clayey sand to sandy clay			
10	14351-SB-10-10			539				
15								
20								

PROJECT:	TLC Cleaners	Log of Boring No.				SB-11		
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):				N/A		
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:		12/17/2014		DATE FINISHED:	12/17/2014	
DRILLING METHOD:	Hand Auger	TOTAL DEPTH (ft.):		10		SCREEN INTERVAL (ft.):		N/A
DRILLING EQUIPMENT:	Hand Auger	DEPTH TO WATER AT TIME OF BORING (ft.):		N/A		CASING (ft.):		N/A
SAMPLING METHOD:	Hand Auger	BOREHOLE DIAMETER (In.):		2		WELL DIAMETER (In.):		N/A

LOGGED BY: William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0	14351-SB-11-2			4.7	Concrete floor slab			
5	14351-SB-11-10			133	Brown, red clayey sand to sandy clay			
10								
15								
20								

PROJECT:	TLC Cleaners	Log of Boring No.	SB-12
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	12/17/2014
		DATE FINISHED:	12/17/2014
DRILLING METHOD:	Hand Auger	TOTAL DEPTH (ft.):	12
		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	Hand Auger	DEPTH TO WATER AT TIME OF BORING (ft.):	N/A
		CASING (ft.):	N/A
SAMPLING METHOD:	Hand Auger	BOREHOLE DIAMETER (In.):	2
		WELL DIAMETER (In.):	N/A

LOGGED BY:
 William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0					Concrete floor slab			
	14352-SB-12-2			18.3				
5	14352-SB-12-5			11305				
					Brown, red clayey sand to sandy clay			
10	14352-SB-12-12							
15								
20								



PROJECT:	TLC Cleaners	Log of Boring No.				SB-13	
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):				N/A	
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:		2/10/2015		DATE FINISHED:	2/10/2015
DRILLING METHOD:	Hand Auger	TOTAL DEPTH (ft.):		10		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	Hand Auger	DEPTH TO WATER AT TIME OF BORING (ft.):		N/A		CASING (ft.):	N/A
SAMPLING METHOD:	Hand Auger	BOREHOLE DIAMETER (In.):		2		WELL DIAMETER (In.):	N/A

LOGGED BY:
 William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0	15401-SB-13-2			0	Concrete floor slab			
				0	Dark brown, red clayey sand to sandy clay			
				0				
	15401-SB-13-6			0				
5				0	Dark brown sandy clay			
				0				
	15401-SB-13-10			0				
				0				
10				0				
15								
20								

PROJECT:	TLC Cleaners	Log of Boring No.	SB-17
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	2/10/2015
		DATE FINISHED:	2/10/2015
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):	12
		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	AMS Powerprobe	DEPTH TO WATER AT TIME OF BORING (ft.):	N/A
		CASING (ft.):	N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	3.25
		WELL DIAMETER (In.):	N/A

LOGGED BY:
 William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured		
0					Concrete floor slab		
				12.4			
				39.6			
5				6023	Dark brown clayey sand to sandy clay		No samples analyzed
				4920			
10				4589			
				10756			
15							
20							

PROJECT:	TLC Cleaners	Log of Boring No.	SB-18
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	2/10/2015
		DATE FINISHED:	2/10/2015
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):	12
		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	AMS Powerprobe	DEPTH TO WATER AT TIME OF BORING (ft.):	N/A
		CASING (ft.):	N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	3.25
		WELL DIAMETER (In.):	N/A

LOGGED BY:
 William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured		
0	15041-SB-18-2				Concrete floor slab		
				4.2			
				3.9			
5	15041-SB-18-8			5.8	Dark brown clayey sand to sandy clay		
				29.3			
				2.1			
10	15041-SB-18-10			2.1			
				9.6	Light brown sand		
15							
20							

PROJECT: TLC Cleaners					Log of Boring No. SB-19				
SITE LOCATION: Marietta, GA					TOP OF CASING ELEVATION (ft): N/A				
DRILLING CONTRACTOR: Atlas-Geo Sampling					DATE STARTED: 2/10/2015		DATE FINISHED: 2/10/2015		
DRILLING METHOD: Direct Push					TOTAL DEPTH (ft.): 12		SCREEN INTERVAL (ft.): N/A		
DRILLING EQUIPMENT: AMS Powerprobe					DEPTH TO WATER AT TIME OF BORING (ft.): N/A		CASING (ft.): N/A		
SAMPLING METHOD: Macrocore w/ Acetate Liner					BOREHOLE DIAMETER (In.): 3.25		WELL DIAMETER (In.): N/A		
LOGGED BY: William Crowe									
DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS		
	Sample No.	Location	Blows/ Foot						
					Ground Surface Elevation (ft): Not Measured				
0					Concrete floor slab		No samples analyzed		
					Dark brown clayey sand to sandy clay with gravel				
				4.7					
				2.9					
5				11.6	Dark brown clayey sand to sandy clay				
				14.7					
				14.9	Light brown sand				
				7.8					
10									
15									
20									



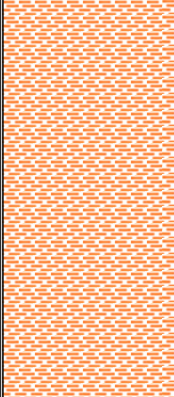
PROJECT:	TLC Cleaners	Log of Boring No.	SB-20
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	2/10/2015
		DATE FINISHED:	2/10/2015
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):	12
		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	AMS Powerprobe	DEPTH TO WATER AT TIME OF BORING (ft.):	N/A
		CASING (ft.):	N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	3.25
		WELL DIAMETER (In.):	N/A

LOGGED BY:
 William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured		
0					Concrete floor slab		
	15041-SB-20-2			3.7			
				3.9			
				4.2			
				3.6			
5	15041-SB-20-6			4.7	Dark brown clayey sand to sandy clay		
				5			
				3.2			
10	15041-SB-20-10			9.9	Light brown sand		
				3.2			
15							
20							

PROJECT:	TLC Cleaners	Log of Boring No.				SB-21		
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):				N/A		
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:		2/11/2015		DATE FINISHED:	2/11/2015	
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):		8		SCREEN INTERVAL (ft.):		N/A
DRILLING EQUIPMENT:	AMS Powerprobe	DEPTH TO WATER AT TIME OF BORING (ft.):		N/A		CASING (ft.):		N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):		3.25		WELL DIAMETER (In.):		N/A

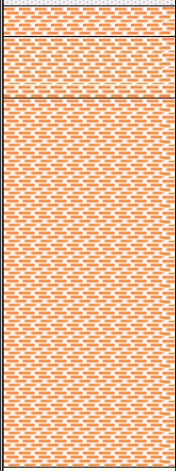
LOGGED BY: William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS		
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured				
0	15042-SB-21-5					Asphalt			
				0		Dark brown to brown clayey sand to sandy clay			
				0.1					
				0					
				0					
				0.1					
5				0.3		Light brown clayey sand to sandy clay			
				0.3					
				0.4					
10									
15									
20									

[illegible]

PROJECT:	TLC Cleaners	Log of Boring No.	SB-24
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	2/11/2015
		DATE FINISHED:	2/11/2015
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):	8
		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	AMS Powerprobe	DEPTH TO WATER AT TIME OF BORING (ft.):	N/A
		CASING (ft.):	N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	3.25
		WELL DIAMETER (In.):	N/A

LOGGED BY: William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0	15042-SB-24-2			0	Concrete			
				0	Dark brown clay			
				0	Reddish sandy clay			
	15042-SB-24-5			0	Light brown, red clayey sand to sandy clay			
				0				
5				0.1				
				0				
				0				
				0				
10								
15								
20								



PROJECT:	TLC Cleaners	Log of Boring No.	SB-25
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	2/10/2015
		DATE FINISHED:	2/10/2015
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):	12
		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	AMS Powerprobe	DEPTH TO WATER AT TIME OF BORING (ft.):	N/A
		CASING (ft.):	N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	3.25
		WELL DIAMETER (In.):	N/A

LOGGED BY:
 William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0					Concrete floor slab			
	15041-SB-25-2			12.9	Dark red clayey sand to sandy clay			
				3.9	Light brown clayey sand to sandy clay			
				4.2	Black sand			
5	15041-SB-25-6			7.8	Dark brown sand			
				4	Light brown/tan sand			
10	15041-SB-25-12			7.3				
				3.5	Brown sand, some staining			
15								
20								

PROJECT:	TLC Cleaners	Log of Boring No.	SB-26
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	2/11/2015
		DATE FINISHED:	2/11/2015
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):	12
		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	AMS Powerprobe	DEPTH TO WATER AT TIME OF BORING (ft.):	N/A
		CASING (ft.):	N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	3.25
		WELL DIAMETER (In.):	N/A

LOGGED BY:
 William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured		
0					Concrete floor slab		
	15042-SB-26-2			1.1	Dark brown clayey sand to sandy clay		
				2.1			
5	15042-SB-26-6			4.7	Light brown clayey sand to sandy clay		
				2			
10	15042-SB-26-12			2.8	Light tan sand		
				9.3			
15							
20							

PROJECT:	TLC Cleaners	Log of Boring No.	SB-27
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	2/11/2015
		DATE FINISHED:	2/11/2015
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):	12
		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	AMS Powerprobe	DEPTH TO WATER AT TIME OF BORING (ft.):	N/A
		CASING (ft.):	N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	3.25
		WELL DIAMETER (In.):	N/A

LOGGED BY:
 William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0					Concrete floor slab			
	15042-SB-27-2			1.8				
				3.4				
5	15042-SB-27-6			2	Dark brown clayey sand to sandy clay			
				1.2				
10	15042-SB-27-12			2.1	Lght brown sand			
				5				
15								
20								

PROJECT:	TLC Cleaners	Log of Boring No.				SB-31	
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):				N/A	
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:		5/7/2015		DATE FINISHED:	5/7/2015
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):		8		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	AMS Powerprobe	DEPTH TO WATER AT TIME OF BORING (ft.):		N/A		CASING (ft.):	N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):		3.25		WELL DIAMETER (In.):	N/A

LOGGED BY: William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0	15127-SB-31-7			0	Asphalt			
					Red sandy clay			
5				0				
10								
15								
20								



PROJECT:	TLC Cleaners	Log of Boring No.				SB-32		
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):				N/A		
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:		7/6/2015		DATE FINISHED:	7/6/2015	
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):		12		SCREEN INTERVAL (ft.):		N/A
DRILLING EQUIPMENT:	AMS Powerprobe	DEPTH TO WATER AT TIME OF BORING (ft.):		N/A		CASING (ft.):		N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):		3.25		WELL DIAMETER (In.):		N/A

LOGGED BY:
 Alex Testoff

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0	15787-SB-32-2			0.1	Concrete			
					Light brown, orange sandy clay			
5					Orange sandy clay			
					Orange, brown sandy clay			
10	15787-SB-32-10			1				
				1.5	Light brown, orange clayey sand			
15								
20								



PROJECT:	TLC Cleaners	Log of Boring No.				SB-33	
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):				N/A	
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:		7/6/2015		DATE FINISHED:	7/6/2015
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):		10		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	AMS Powerprobe	DEPTH TO WATER AT TIME OF BORING (ft.):		N/A		CASING (ft.):	N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):		3.25		WELL DIAMETER (In.):	N/A

LOGGED BY:
 Alex Testoff

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0	15787-SB-33-2			0.8	Concrete			
					Orange, light brown sandy clay with gravel			
	15787-SB-33-10			9.3				
					Orange, red sandy clay			
5				5.8				
10				8.7				
15								
20								



PROJECT:	TLC Cleaners	Log of Boring No.				SB-34	
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):				N/A	
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:		7/6/2015		DATE FINISHED:	7/6/2015
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):		10		SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	AMS Powerprobe	DEPTH TO WATER AT TIME OF BORING (ft.):		N/A		CASING (ft.):	N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):		3.25		WELL DIAMETER (In.):	N/A

LOGGED BY:
 Alex Testoff

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured			
0	15787-SB-34-2			1	Concrete			
					Orange, light brown sandy clay			
5				57.2				
	15787-SB-34-10			110	Orange sandy clay			
10								
15								
20								



PROJECT:	TLC Cleaners	Log of Boring No. PZ-1			
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft): 1021.07			
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	5/7/2015	DATE FINISHED:	5/7/2015
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):	20	SCREEN INTERVAL (ft.):	0-10
DRILLING EQUIPMENT:	AMS Powerprobe	DEPTH TO WATER AT TIME OF BORING (ft.):	~5	CASING (ft.):	10-20
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	3.25	WELL DIAMETER (In.):	1

LOGGED BY: William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured		
0					Asphalt		5-inch diameter flush-mounted well vault
				0	Brown/light brown clayey sand to sandy clay		Grout
5				0	Moist/wet brown clayey sand to sandy clay		Bentonite
10				0	Wet brown/gray clayey sand to sandy clay		
15				0	Wet gray clayey sand		Filter Sand
				0	Wet grayish brown clayey sand		
20							

PROJECT:	TLC Cleaners	Log of Boring No.				PZ-2
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):				1016.37
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	5/7/2015	DATE FINISHED:	5/7/2015	
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):	20	SCREEN INTERVAL (ft.):	0-10	
DRILLING EQUIPMENT:	AMS Powerprobe	DEPTH TO WATER AT TIME OF BORING (ft.):	~5	CASING (ft.):	10-20	
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	3.25	WELL DIAMETER (In.):	1	

LOGGED BY:
 William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured		
0					Asphalt		5-inch diameter flush-mounted well vault
				0	Brown, red sandy clay		Grout
5				0	Gray, moist/wet sandy clay		Bentonite
10				0	Gray, wet clayey sand		
15				0	Wet, gray/brown clayey sand		Filter Sand
20				0	No recovery		

PROJECT:	TLC Cleaners	Log of Boring No. PZ-3			
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft):		1015.77	
DRILLING CONTRACTOR:	Atlas-Geo Sampling	DATE STARTED:	5/7/2015	DATE FINISHED:	5/7/2015
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):	20	SCREEN INTERVAL (ft.):	0-10
DRILLING EQUIPMENT:	AMS Powerprobe	DEPTH TO WATER AT TIME OF BORING (ft.):	~7	CASING (ft.):	10-20
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	3.25	WELL DIAMETER (In.):	1

LOGGED BY: William Crowe

DEPTH (feet)	SAMPLES			PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
	Sample No.	Location	Blows/ Foot		Ground Surface Elevation (ft): Not Measured		
0					Asphalt		5-inch diameter flush-mounted well vault
				0	Brown, red sandy clay		Grout
5				0	Moist brown, red sandy clay		Bentonite
10				0	Wet brown clayey sand		
15				0	Wet brown clayey sand		Filter Sand
20				0	Wet brown clayey sand		

APPENDIX E

Laboratory Analytical Reports



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

December 30, 2014

Justin Vickery
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway
Atlanta GA 30338

TEL: (404) 315-9113
FAX: (404) 315-8509

RE: TLC Cleaners

Dear Justin Vickery:

Order No: 1412I67

Analytical Environmental Services, Inc. received 22 samples on 12/19/2014 10:55:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

James Forrest
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

AES

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1412167

Date: 12/19/14 Page 1 of 2

COMPANY: EPS, Inc.		ADDRESS: 1050 Crown Pointe Pkwy suite 550 Atlanta, GA 30338		ANALYSIS REQUESTED										Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers						
PHONE: (404) 315-9113		FAX:		VOC Moisture																		
SAMPLED BY: William Crowe		SIGNATURE: [Signature]		PRESERVATION (See codes)										REMARKS								
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	1	2	3	4	5	6	7				8	9	10	11	12	13
1	14351-SB-2-2	12/17/14	1101	X		SO	X	X														4
2	14351-SB-2-10		1129	X		SO	X	X														4
3	14351-SB-3-2		1028	X		SO	X	X														4
4	14351-SB-3-10		1045	X		SO	X	X														4
5	14351-SB-4-2		1416	X		SO	X	X														4
6	14351-SB-4-10		1441	X		SO	X	X														4
7	14351-SB-10-5		1323	X		SO	X	X														4
8	14351-SB-10-10		1341	X		SO	X	X														4
9	14351-SB-11-2		1241	X		SO	X	X														4
10	14351-SB-11-10	✓	1304	X		SO	X	X														4
11	14352-SB-8-2	12/19/14	0831	X		SO	X	X														4
12	14352-SB-8-12		0900	X		SO	X	X														4
13	14352-SB-9-2		0923	X		SO	X	X														4
14	14352-SB-5-2	✓	1353	X		SO	X	X														4
RELINQUISHED BY: [Signature]		DATE/TIME: 12/16/14 1055		RECEIVED BY: [Signature]		DATE/TIME: 12/19/14 10:55		PROJECT INFORMATION										RECEIPT				
1:		2:		3:		PROJECT NAME: TLC cleaners										Total # of Containers: 56						
2:		3:		PROJECT #:										Turnaround Time Request ☒ Standard 5 Business Days ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same Day Rush (auth req.) ☐ Other								
3:		3:		SITE ADDRESS:																		
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD		SEND REPORT TO: [Signature]@envplanning.com										STATE PROGRAM (if any):								
		OUT / / VIA:		INVOICE TO:										E-mail? Y / N; Fax? Y / N								
		IN (CLIENT) FedEx UPS MAIL COURIER		(IF DIFFERENT FROM ABOVE)										DATA PACKAGE: I II III IV								
		GREYHOUND OTHER		QUOTE #:										PO#:								

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
 SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None



TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

Work Order: 1412167

Date: 12/19/14 Page 2 of 2

COMPANY:						ADDRESS:												
						ANALYSIS REQUESTED												
PHONE:						FAX:												
SAMPLED BY:						SIGNATURE:												
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	VOL	Moisture								Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers
		DATE	TIME				PRESERVATION (See codes)									REMARKS		
							SM	I										
1	14352-SB-5-5	12/10/14	1407	X		SO	X	X								4		
2	14352-SB-12-2		1516	X		SC	X	X								4		
3	14352-SB-12-5		1525	X		SO	X	X								4		
4	14352-SB-12-12		1606	x		SO	X	X								4		
5	14352-SB-5-10		1421	X		SO	X	X								4		
6	14352-SB-9-5		1625	X		SO	X	X								4		
7	14352-SB-9D-12	v	1644	X		SO	X	X								4		
8	Trip Blank	12/15/14				W	X									2		
9																		
10																		
11																		
12																		
13																		
14																		
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION									RECEIPT	
1: [Signature]		12/19/14 1055		1: Latoya Reeves		12/19/14 10:55-		PROJECT NAME: TLC Cleaners									Total # of Containers	30
2:				2:				PROJECT #:										
3:				3:				SITE ADDRESS:										
								SEND REPORT TO: Slicker@envplanning.com										
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				INVOICE TO: (IF DIFFERENT FROM ABOVE)										
				OUT / / VIA:														
				IN / / VIA:														
				CLIENT FedEx UPS MAIL COURIER														
				GREYHOUND OTHER														
								QUOTE #:									PO#:	
																	STATE PROGRAM (if any):	
																	E-mail? Y/N; Fax? Y/N	
																	DATA PACKAGE: I II III IV	

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Client: Environmental Planning Specialists, Inc.
Project: TLC Cleaners
Lab ID: 1412I67

Case Narrative

Volatiles Organic Compounds Analysis by Method 8260B:

Due to sample matrix, sample 1412I67-017A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-001

Client Sample ID: 14351-SB-2-2
Collection Date: 12/17/2014 11:01:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
2-Butanone	BRL	34		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
2-Hexanone	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
4-Methyl-2-pentanone	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Acetone	71	68		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Benzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Bromodichloromethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Bromoform	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Bromomethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Carbon disulfide	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Chlorobenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Chloroethane	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Chloroform	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Chloromethane	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Cyclohexane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Dibromochloromethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Dichlorodifluoromethane	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Ethylbenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Freon-113	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Isopropylbenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
m,p-Xylene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Methyl acetate	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Methylcyclohexane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Methylene chloride	BRL	14		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
o-Xylene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-001

Client Sample ID: 14351-SB-2-2
Collection Date: 12/17/2014 11:01:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Tetrachloroethene	450	180		ug/Kg-dry	201052	50	12/29/2014 00:18	NP
Toluene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Trichloroethene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Vinyl chloride	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 13:12	MD
Surr: 4-Bromofluorobenzene	79.9	70-128		%REC	201052	50	12/29/2014 00:18	NP
Surr: 4-Bromofluorobenzene	80.7	70-128		%REC	201050	1	12/27/2014 13:12	MD
Surr: Dibromofluoromethane	100	78.2-128		%REC	201052	50	12/29/2014 00:18	NP
Surr: Dibromofluoromethane	88.3	78.2-128		%REC	201050	1	12/27/2014 13:12	MD
Surr: Toluene-d8	98.3	76.5-116		%REC	201052	50	12/29/2014 00:18	NP
Surr: Toluene-d8	89.5	76.5-116		%REC	201050	1	12/27/2014 13:12	MD
PERCENT MOISTURE D2216								
Percent Moisture	18.3	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-002

Client Sample ID: 14351-SB-2-10
Collection Date: 12/17/2014 11:29:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
2-Butanone	BRL	33		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
2-Hexanone	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
4-Methyl-2-pentanone	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Acetone	BRL	66		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Benzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Bromodichloromethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Bromoform	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Bromomethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Carbon disulfide	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Chlorobenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Chloroethane	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Chloroform	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Chloromethane	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
cis-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Cyclohexane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Dibromochloromethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Dichlorodifluoromethane	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Ethylbenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Freon-113	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Isopropylbenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
m,p-Xylene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Methyl acetate	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Methylcyclohexane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Methylene chloride	BRL	13		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
o-Xylene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-002

Client Sample ID: 14351-SB-2-10
Collection Date: 12/17/2014 11:29:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Tetrachloroethene	60	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Toluene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Trichloroethene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Vinyl chloride	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 13:38	MD
Surr: 4-Bromofluorobenzene	82.3	70-128		%REC	201050	1	12/27/2014 13:38	MD
Surr: Dibromofluoromethane	87.8	78.2-128		%REC	201050	1	12/27/2014 13:38	MD
Surr: Toluene-d8	89.8	76.5-116		%REC	201050	1	12/27/2014 13:38	MD
PERCENT MOISTURE D2216								
Percent Moisture	19.3	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-003

Client Sample ID: 14351-SB-3-2
Collection Date: 12/17/2014 10:28:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
1,1,2,2-Tetrachloroethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
1,1,2-Trichloroethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
1,1-Dichloroethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
1,1-Dichloroethene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
1,2,4-Trichlorobenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
1,2-Dibromo-3-chloropropane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
1,2-Dibromoethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
1,2-Dichlorobenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
1,2-Dichloroethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
1,2-Dichloropropane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
1,3-Dichlorobenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
1,4-Dichlorobenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
2-Butanone	BRL	38		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
2-Hexanone	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
4-Methyl-2-pentanone	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Acetone	BRL	76		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Benzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Bromodichloromethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Bromoform	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Bromomethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Carbon disulfide	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Carbon tetrachloride	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Chlorobenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Chloroethane	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Chloroform	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Chloromethane	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
cis-1,2-Dichloroethene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
cis-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Cyclohexane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Dibromochloromethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Dichlorodifluoromethane	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Ethylbenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Freon-113	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Isopropylbenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
m,p-Xylene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Methyl acetate	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Methyl tert-butyl ether	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Methylcyclohexane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Methylene chloride	BRL	15		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
o-Xylene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-003

Client Sample ID: 14351-SB-3-2
Collection Date: 12/17/2014 10:28:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Tetrachloroethene	130	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Toluene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
trans-1,2-Dichloroethene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
trans-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Trichloroethene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Trichlorofluoromethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Vinyl chloride	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 14:03	MD
Surr: 4-Bromofluorobenzene	79.8	70-128		%REC	201050	1	12/27/2014 14:03	MD
Surr: Dibromofluoromethane	90.9	78.2-128		%REC	201050	1	12/27/2014 14:03	MD
Surr: Toluene-d8	90.1	76.5-116		%REC	201050	1	12/27/2014 14:03	MD
PERCENT MOISTURE D2216								
Percent Moisture	19.2	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-004

Client Sample ID: 14351-SB-3-10
Collection Date: 12/17/2014 10:45:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
1,1,2,2-Tetrachloroethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
1,1,2-Trichloroethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
1,1-Dichloroethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
1,1-Dichloroethene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
1,2,4-Trichlorobenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
1,2-Dibromo-3-chloropropane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
1,2-Dibromoethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
1,2-Dichlorobenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
1,2-Dichloroethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
1,2-Dichloropropane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
1,3-Dichlorobenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
1,4-Dichlorobenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
2-Butanone	BRL	31		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
2-Hexanone	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
4-Methyl-2-pentanone	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Acetone	BRL	62		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Benzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Bromodichloromethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Bromoform	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Bromomethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Carbon disulfide	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Carbon tetrachloride	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Chlorobenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Chloroethane	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Chloroform	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Chloromethane	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
cis-1,2-Dichloroethene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
cis-1,3-Dichloropropene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Cyclohexane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Dibromochloromethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Dichlorodifluoromethane	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Ethylbenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Freon-113	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Isopropylbenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
m,p-Xylene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Methyl acetate	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Methyl tert-butyl ether	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Methylcyclohexane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Methylene chloride	BRL	12		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
o-Xylene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-004

Client Sample ID: 14351-SB-3-10
Collection Date: 12/17/2014 10:45:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Tetrachloroethene	23	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Toluene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
trans-1,2-Dichloroethene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
trans-1,3-Dichloropropene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Trichloroethene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Trichlorofluoromethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Vinyl chloride	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 14:28	MD
Surr: 4-Bromofluorobenzene	81.8	70-128		%REC	201050	1	12/27/2014 14:28	MD
Surr: Dibromofluoromethane	89.9	78.2-128		%REC	201050	1	12/27/2014 14:28	MD
Surr: Toluene-d8	89.4	76.5-116		%REC	201050	1	12/27/2014 14:28	MD
PERCENT MOISTURE D2216								
Percent Moisture	18.3	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-005

Client Sample ID: 14351-SB-4-2
Collection Date: 12/17/2014 2:16:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
2-Butanone	BRL	34		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
2-Hexanone	BRL	6.7		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
4-Methyl-2-pentanone	BRL	6.7		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Acetone	70	67		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Benzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Bromodichloromethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Bromoform	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Bromomethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Carbon disulfide	BRL	6.7		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Chlorobenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Chloroethane	BRL	6.7		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Chloroform	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Chloromethane	BRL	6.7		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Cyclohexane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Dibromochloromethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Dichlorodifluoromethane	BRL	6.7		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Ethylbenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Freon-113	BRL	6.7		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Isopropylbenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
m,p-Xylene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Methyl acetate	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Methylcyclohexane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Methylene chloride	BRL	13		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
o-Xylene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-005

Client Sample ID: 14351-SB-4-2
Collection Date: 12/17/2014 2:16:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Tetrachloroethene	620	160		ug/Kg-dry	201052	50	12/29/2014 00:47	NP
Toluene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Trichloroethene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Vinyl chloride	BRL	6.7		ug/Kg-dry	201050	1	12/27/2014 14:54	MD
Surr: 4-Bromofluorobenzene	79.8	70-128		%REC	201052	50	12/29/2014 00:47	NP
Surr: 4-Bromofluorobenzene	76.9	70-128		%REC	201050	1	12/27/2014 14:54	MD
Surr: Dibromofluoromethane	102	78.2-128		%REC	201052	50	12/29/2014 00:47	NP
Surr: Dibromofluoromethane	89.5	78.2-128		%REC	201050	1	12/27/2014 14:54	MD
Surr: Toluene-d8	98.5	76.5-116		%REC	201052	50	12/29/2014 00:47	NP
Surr: Toluene-d8	89.5	76.5-116		%REC	201050	1	12/27/2014 14:54	MD
PERCENT MOISTURE D2216								
Percent Moisture	13.6	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-006

Client Sample ID: 14351-SB-4-10
Collection Date: 12/17/2014 2:41:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
2-Butanone	BRL	33		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
2-Hexanone	BRL	6.5		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
4-Methyl-2-pentanone	BRL	6.5		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Acetone	BRL	65		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Benzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Bromodichloromethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Bromoform	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Bromomethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Carbon disulfide	BRL	6.5		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Chlorobenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Chloroethane	BRL	6.5		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Chloroform	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Chloromethane	BRL	6.5		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
cis-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Cyclohexane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Dibromochloromethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Dichlorodifluoromethane	BRL	6.5		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Ethylbenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Freon-113	BRL	6.5		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Isopropylbenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
m,p-Xylene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Methyl acetate	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Methylcyclohexane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Methylene chloride	BRL	13		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
o-Xylene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-006

Client Sample ID: 14351-SB-4-10
Collection Date: 12/17/2014 2:41:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Tetrachloroethene	31	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Toluene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Trichloroethene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Vinyl chloride	BRL	6.5		ug/Kg-dry	201050	1	12/27/2014 15:19	MD
Surr: 4-Bromofluorobenzene	84.1	70-128		%REC	201050	1	12/27/2014 15:19	MD
Surr: Dibromofluoromethane	88.1	78.2-128		%REC	201050	1	12/27/2014 15:19	MD
Surr: Toluene-d8	88.1	76.5-116		%REC	201050	1	12/27/2014 15:19	MD
PERCENT MOISTURE D2216								
Percent Moisture	20.2	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-007

Client Sample ID: 14351-SB-10-5
Collection Date: 12/17/2014 1:23:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
1,1,2,2-Tetrachloroethane	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
1,1,2-Trichloroethane	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
1,1-Dichloroethane	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
1,1-Dichloroethene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
1,2,4-Trichlorobenzene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
1,2-Dibromo-3-chloropropane	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
1,2-Dibromoethane	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
1,2-Dichlorobenzene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
1,2-Dichloroethane	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
1,2-Dichloropropane	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
1,3-Dichlorobenzene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
1,4-Dichlorobenzene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
2-Butanone	BRL	36		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
2-Hexanone	BRL	7.2		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
4-Methyl-2-pentanone	220	7.2		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Acetone	73	7.2		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Benzene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Bromodichloromethane	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Bromoform	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Bromomethane	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Carbon disulfide	BRL	7.2		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Carbon tetrachloride	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Chlorobenzene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Chloroethane	BRL	7.2		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Chloroform	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Chloromethane	BRL	7.2		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
cis-1,2-Dichloroethene	8.6	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
cis-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Cyclohexane	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Dibromochloromethane	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Dichlorodifluoromethane	BRL	7.2		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Ethylbenzene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Freon-113	BRL	7.2		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Isopropylbenzene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
m,p-Xylene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Methyl acetate	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Methyl tert-butyl ether	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Methylcyclohexane	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Methylene chloride	BRL	14		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
o-Xylene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-007

Client Sample ID: 14351-SB-10-5
Collection Date: 12/17/2014 1:23:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Tetrachloroethene	38000	1800		ug/Kg-dry	201052	500	12/29/2014 13:51	NP
Toluene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
trans-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
trans-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Trichloroethene	18	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Trichlorofluoromethane	BRL	3.6		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Vinyl chloride	BRL	7.2		ug/Kg-dry	201050	1	12/27/2014 15:44	MD
Surr: 4-Bromofluorobenzene	84.5	70-128		%REC	201052	500	12/29/2014 13:51	NP
Surr: 4-Bromofluorobenzene	81.3	70-128		%REC	201050	1	12/27/2014 15:44	MD
Surr: Dibromofluoromethane	106	78.2-128		%REC	201052	500	12/29/2014 13:51	NP
Surr: Dibromofluoromethane	91.7	78.2-128		%REC	201050	1	12/27/2014 15:44	MD
Surr: Toluene-d8	94.6	76.5-116		%REC	201052	500	12/29/2014 13:51	NP
Surr: Toluene-d8	97.2	76.5-116		%REC	201050	1	12/27/2014 15:44	MD
PERCENT MOISTURE D2216								
Percent Moisture	29.8	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-008

Client Sample ID: 14351-SB-10-10
Collection Date: 12/17/2014 1:41:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
1,1,2,2-Tetrachloroethane	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
1,1,2-Trichloroethane	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
1,1-Dichloroethane	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
1,1-Dichloroethene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
1,2,4-Trichlorobenzene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
1,2-Dibromo-3-chloropropane	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
1,2-Dibromoethane	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
1,2-Dichlorobenzene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
1,2-Dichloroethane	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
1,2-Dichloropropane	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
1,3-Dichlorobenzene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
1,4-Dichlorobenzene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
2-Butanone	BRL	35		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
2-Hexanone	BRL	7.0		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
4-Methyl-2-pentanone	BRL	7.0		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Acetone	BRL	70		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Benzene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Bromodichloromethane	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Bromoform	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Bromomethane	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Carbon disulfide	BRL	7.0		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Carbon tetrachloride	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Chlorobenzene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Chloroethane	BRL	7.0		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Chloroform	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Chloromethane	BRL	7.0		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
cis-1,2-Dichloroethene	5.5	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
cis-1,3-Dichloropropene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Cyclohexane	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Dibromochloromethane	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Dichlorodifluoromethane	BRL	7.0		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Ethylbenzene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Freon-113	BRL	7.0		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Isopropylbenzene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
m,p-Xylene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Methyl acetate	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Methyl tert-butyl ether	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Methylcyclohexane	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Methylene chloride	BRL	14		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
o-Xylene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-008

Client Sample ID: 14351-SB-10-10
Collection Date: 12/17/2014 1:41:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Tetrachloroethene	18000	1700		ug/Kg-dry	201052	500	12/29/2014 14:20	NP
Toluene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
trans-1,2-Dichloroethene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
trans-1,3-Dichloropropene	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Trichloroethene	6.6	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Trichlorofluoromethane	BRL	3.5		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Vinyl chloride	BRL	7.0		ug/Kg-dry	201050	1	12/27/2014 16:10	MD
Surr: 4-Bromofluorobenzene	82.1	70-128		%REC	201052	500	12/29/2014 14:20	NP
Surr: 4-Bromofluorobenzene	82.5	70-128		%REC	201050	1	12/27/2014 16:10	MD
Surr: Dibromofluoromethane	104	78.2-128		%REC	201052	500	12/29/2014 14:20	NP
Surr: Dibromofluoromethane	89.8	78.2-128		%REC	201050	1	12/27/2014 16:10	MD
Surr: Toluene-d8	97.8	76.5-116		%REC	201052	500	12/29/2014 14:20	NP
Surr: Toluene-d8	91	76.5-116		%REC	201050	1	12/27/2014 16:10	MD
PERCENT MOISTURE D2216								
Percent Moisture	24.0	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-009

Client Sample ID: 14351-SB-11-2
Collection Date: 12/17/2014 12:41:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
2-Butanone	BRL	34		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
2-Hexanone	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
4-Methyl-2-pentanone	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Acetone	BRL	68		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Benzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Bromodichloromethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Bromoform	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Bromomethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Carbon disulfide	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Chlorobenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Chloroethane	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Chloroform	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Chloromethane	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Cyclohexane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Dibromochloromethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Dichlorodifluoromethane	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Ethylbenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Freon-113	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Isopropylbenzene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
m,p-Xylene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Methyl acetate	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Methylcyclohexane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Methylene chloride	BRL	14		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
o-Xylene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-009

Client Sample ID: 14351-SB-11-2
Collection Date: 12/17/2014 12:41:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Tetrachloroethene	8300	1700		ug/Kg-dry	201052	500	12/29/2014 03:41	NP
Toluene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Trichloroethene	14	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Vinyl chloride	BRL	6.8		ug/Kg-dry	201050	1	12/27/2014 16:36	MD
Surr: 4-Bromofluorobenzene	79.1	70-128		%REC	201052	500	12/29/2014 03:41	NP
Surr: 4-Bromofluorobenzene	80.6	70-128		%REC	201050	1	12/27/2014 16:36	MD
Surr: Dibromofluoromethane	104	78.2-128		%REC	201052	500	12/29/2014 03:41	NP
Surr: Dibromofluoromethane	90.6	78.2-128		%REC	201050	1	12/27/2014 16:36	MD
Surr: Toluene-d8	97.8	76.5-116		%REC	201052	500	12/29/2014 03:41	NP
Surr: Toluene-d8	90.5	76.5-116		%REC	201050	1	12/27/2014 16:36	MD

PERCENT MOISTURE D2216

Percent Moisture	25.3	0		wt%	R282798	1	12/29/2014 09:00	SG
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-010

Client Sample ID: 14351-SB-11-10
Collection Date: 12/17/2014 1:04:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
1,1,2,2-Tetrachloroethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
1,1,2-Trichloroethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
1,1-Dichloroethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
1,1-Dichloroethene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
1,2,4-Trichlorobenzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
1,2-Dibromo-3-chloropropane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
1,2-Dibromoethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
1,2-Dichlorobenzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
1,2-Dichloroethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
1,2-Dichloropropane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
1,3-Dichlorobenzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
1,4-Dichlorobenzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
2-Butanone	BRL	37		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
2-Hexanone	BRL	7.3		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
4-Methyl-2-pentanone	BRL	7.3		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Acetone	BRL	73		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Benzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Bromodichloromethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Bromoform	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Bromomethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Carbon disulfide	BRL	7.3		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Carbon tetrachloride	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Chlorobenzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Chloroethane	BRL	7.3		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Chloroform	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Chloromethane	BRL	7.3		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
cis-1,2-Dichloroethene	6.4	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
cis-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Cyclohexane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Dibromochloromethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Dichlorodifluoromethane	BRL	7.3		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Ethylbenzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Freon-113	BRL	7.3		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Isopropylbenzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
m,p-Xylene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Methyl acetate	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Methyl tert-butyl ether	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Methylcyclohexane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Methylene chloride	BRL	15		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
o-Xylene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-010

Client Sample ID: 14351-SB-11-10
Collection Date: 12/17/2014 1:04:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Tetrachloroethene	6300	1800		ug/Kg-dry	201052	500	12/29/2014 04:10	NP
Toluene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
trans-1,2-Dichloroethene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
trans-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Trichloroethene	8.8	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Trichlorofluoromethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Vinyl chloride	BRL	7.3		ug/Kg-dry	201050	1	12/27/2014 17:01	MD
Surr: 4-Bromofluorobenzene	80.9	70-128		%REC	201052	500	12/29/2014 04:10	NP
Surr: 4-Bromofluorobenzene	80.2	70-128		%REC	201050	1	12/27/2014 17:01	MD
Surr: Dibromofluoromethane	105	78.2-128		%REC	201052	500	12/29/2014 04:10	NP
Surr: Dibromofluoromethane	88.7	78.2-128		%REC	201050	1	12/27/2014 17:01	MD
Surr: Toluene-d8	99.1	76.5-116		%REC	201052	500	12/29/2014 04:10	NP
Surr: Toluene-d8	91.6	76.5-116		%REC	201050	1	12/27/2014 17:01	MD
PERCENT MOISTURE D2216								
Percent Moisture	23.7	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-011

Client Sample ID: 14352-SB-8-2
Collection Date: 12/18/2014 8:31:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
2-Butanone	BRL	33		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
2-Hexanone	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
4-Methyl-2-pentanone	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Acetone	BRL	66		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Benzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Bromodichloromethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Bromoform	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Bromomethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Carbon disulfide	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Chlorobenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Chloroethane	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Chloroform	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Chloromethane	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
cis-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Cyclohexane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Dibromochloromethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Dichlorodifluoromethane	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Ethylbenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Freon-113	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Isopropylbenzene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
m,p-Xylene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Methyl acetate	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Methylcyclohexane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Methylene chloride	BRL	13		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
o-Xylene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-011

Client Sample ID: 14352-SB-8-2
Collection Date: 12/18/2014 8:31:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Tetrachloroethene	2100	290		ug/Kg-dry	201052	50	12/29/2014 16:15	NP
Toluene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Trichloroethene	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Vinyl chloride	BRL	6.6		ug/Kg-dry	201050	1	12/27/2014 17:26	MD
Surr: 4-Bromofluorobenzene	84.9	70-128		%REC	201052	50	12/29/2014 16:15	NP
Surr: 4-Bromofluorobenzene	78.6	70-128		%REC	201050	1	12/27/2014 17:26	MD
Surr: Dibromofluoromethane	90.1	78.2-128		%REC	201050	1	12/27/2014 17:26	MD
Surr: Dibromofluoromethane	108	78.2-128		%REC	201052	50	12/29/2014 16:15	NP
Surr: Toluene-d8	98.8	76.5-116		%REC	201052	50	12/29/2014 16:15	NP
Surr: Toluene-d8	89.6	76.5-116		%REC	201050	1	12/27/2014 17:26	MD
PERCENT MOISTURE D2216								
Percent Moisture	12.6	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-012

Client Sample ID: 14352-SB-8-12
Collection Date: 12/18/2014 9:00:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
1,1,2,2-Tetrachloroethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
1,1,2-Trichloroethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
1,1-Dichloroethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
1,1-Dichloroethene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
1,2,4-Trichlorobenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
1,2-Dibromo-3-chloropropane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
1,2-Dibromoethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
1,2-Dichlorobenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
1,2-Dichloroethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
1,2-Dichloropropane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
1,3-Dichlorobenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
1,4-Dichlorobenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
2-Butanone	BRL	38		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
2-Hexanone	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
4-Methyl-2-pentanone	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Acetone	BRL	76		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Benzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Bromodichloromethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Bromoform	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Bromomethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Carbon disulfide	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Carbon tetrachloride	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Chlorobenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Chloroethane	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Chloroform	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Chloromethane	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
cis-1,2-Dichloroethene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
cis-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Cyclohexane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Dibromochloromethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Dichlorodifluoromethane	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Ethylbenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Freon-113	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Isopropylbenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
m,p-Xylene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Methyl acetate	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Methyl tert-butyl ether	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Methylcyclohexane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Methylene chloride	BRL	15		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
o-Xylene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-012

Client Sample ID: 14352-SB-8-12
Collection Date: 12/18/2014 9:00:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Tetrachloroethene	1500	360		ug/Kg-dry	201052	100	12/29/2014 02:14	NP
Toluene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
trans-1,2-Dichloroethene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
trans-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Trichloroethene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Trichlorofluoromethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Vinyl chloride	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 17:52	MD
Surr: 4-Bromofluorobenzene	83.2	70-128		%REC	201050	1	12/27/2014 17:52	MD
Surr: 4-Bromofluorobenzene	82	70-128		%REC	201052	100	12/29/2014 02:14	NP
Surr: Dibromofluoromethane	89.9	78.2-128		%REC	201050	1	12/27/2014 17:52	MD
Surr: Dibromofluoromethane	102	78.2-128		%REC	201052	100	12/29/2014 02:14	NP
Surr: Toluene-d8	90.9	76.5-116		%REC	201050	1	12/27/2014 17:52	MD
Surr: Toluene-d8	98.7	76.5-116		%REC	201052	100	12/29/2014 02:14	NP
PERCENT MOISTURE D2216								
Percent Moisture	18.2	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-013

Client Sample ID: 14352-SB-9S-2
Collection Date: 12/18/2014 9:23:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
1,1,2,2-Tetrachloroethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
1,1,2-Trichloroethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
1,1-Dichloroethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
1,1-Dichloroethene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
1,2,4-Trichlorobenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
1,2-Dibromo-3-chloropropane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
1,2-Dibromoethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
1,2-Dichlorobenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
1,2-Dichloroethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
1,2-Dichloropropane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
1,3-Dichlorobenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
1,4-Dichlorobenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
2-Butanone	BRL	31		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
2-Hexanone	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
4-Methyl-2-pentanone	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Acetone	BRL	62		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Benzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Bromodichloromethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Bromoform	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Bromomethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Carbon disulfide	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Carbon tetrachloride	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Chlorobenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Chloroethane	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Chloroform	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Chloromethane	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
cis-1,2-Dichloroethene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
cis-1,3-Dichloropropene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Cyclohexane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Dibromochloromethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Dichlorodifluoromethane	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Ethylbenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Freon-113	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Isopropylbenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
m,p-Xylene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Methyl acetate	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Methyl tert-butyl ether	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Methylcyclohexane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Methylene chloride	BRL	12		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
o-Xylene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-013

Client Sample ID: 14352-SB-9S-2
Collection Date: 12/18/2014 9:23:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Tetrachloroethene	2500	350		ug/Kg-dry	201052	100	12/29/2014 02:43	NP
Toluene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
trans-1,2-Dichloroethene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
trans-1,3-Dichloropropene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Trichloroethene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Trichlorofluoromethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Vinyl chloride	BRL	6.2		ug/Kg-dry	201050	1	12/27/2014 18:18	MD
Surr: 4-Bromofluorobenzene	81.4	70-128		%REC	201050	1	12/27/2014 18:18	MD
Surr: 4-Bromofluorobenzene	80.2	70-128		%REC	201052	100	12/29/2014 02:43	NP
Surr: Dibromofluoromethane	90.7	78.2-128		%REC	201050	1	12/27/2014 18:18	MD
Surr: Dibromofluoromethane	104	78.2-128		%REC	201052	100	12/29/2014 02:43	NP
Surr: Toluene-d8	90.8	76.5-116		%REC	201050	1	12/27/2014 18:18	MD
Surr: Toluene-d8	97.3	76.5-116		%REC	201052	100	12/29/2014 02:43	NP
PERCENT MOISTURE D2216								
Percent Moisture	17.4	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-014

Client Sample ID: 14352-SB-5-2
Collection Date: 12/18/2014 1:53:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
1,1,2,2-Tetrachloroethane	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
1,1,2-Trichloroethane	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
1,1-Dichloroethane	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
1,1-Dichloroethene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
1,2,4-Trichlorobenzene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
1,2-Dibromo-3-chloropropane	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
1,2-Dibromoethane	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
1,2-Dichlorobenzene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
1,2-Dichloroethane	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
1,2-Dichloropropane	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
1,3-Dichlorobenzene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
1,4-Dichlorobenzene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
2-Butanone	BRL	32		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
2-Hexanone	BRL	6.5		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
4-Methyl-2-pentanone	BRL	6.5		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Acetone	BRL	65		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Benzene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Bromodichloromethane	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Bromoform	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Bromomethane	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Carbon disulfide	BRL	6.5		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Carbon tetrachloride	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Chlorobenzene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Chloroethane	BRL	6.5		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Chloroform	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Chloromethane	BRL	6.5		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
cis-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
cis-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Cyclohexane	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Dibromochloromethane	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Dichlorodifluoromethane	BRL	6.5		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Ethylbenzene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Freon-113	BRL	6.5		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Isopropylbenzene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
m,p-Xylene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Methyl acetate	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Methyl tert-butyl ether	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Methylcyclohexane	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Methylene chloride	BRL	13		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
o-Xylene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-014

Client Sample ID: 14352-SB-5-2
Collection Date: 12/18/2014 1:53:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Tetrachloroethene	84	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Toluene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
trans-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
trans-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Trichloroethene	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Trichlorofluoromethane	BRL	3.2		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Vinyl chloride	BRL	6.5		ug/Kg-dry	201050	1	12/29/2014 11:49	MD
Surr: 4-Bromofluorobenzene	94.6	70-128		%REC	201050	1	12/29/2014 11:49	MD
Surr: Dibromofluoromethane	102	78.2-128		%REC	201050	1	12/29/2014 11:49	MD
Surr: Toluene-d8	98.1	76.5-116		%REC	201050	1	12/29/2014 11:49	MD
PERCENT MOISTURE D2216								
Percent Moisture	14.2	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-015

Client Sample ID: 14352-SB-5-5
Collection Date: 12/18/2014 2:07:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
1,1,2,2-Tetrachloroethane	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
1,1,2-Trichloroethane	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
1,1-Dichloroethane	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
1,1-Dichloroethene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
1,2,4-Trichlorobenzene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
1,2-Dibromo-3-chloropropane	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
1,2-Dibromoethane	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
1,2-Dichlorobenzene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
1,2-Dichloroethane	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
1,2-Dichloropropane	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
1,3-Dichlorobenzene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
1,4-Dichlorobenzene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
2-Butanone	BRL	36		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
2-Hexanone	BRL	7.3		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
4-Methyl-2-pentanone	BRL	7.3		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Acetone	BRL	73		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Benzene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Bromodichloromethane	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Bromoform	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Bromomethane	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Carbon disulfide	BRL	7.3		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Carbon tetrachloride	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Chlorobenzene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Chloroethane	BRL	7.3		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Chloroform	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Chloromethane	BRL	7.3		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
cis-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
cis-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Cyclohexane	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Dibromochloromethane	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Dichlorodifluoromethane	BRL	7.3		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Ethylbenzene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Freon-113	BRL	7.3		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Isopropylbenzene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
m,p-Xylene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Methyl acetate	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Methyl tert-butyl ether	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Methylcyclohexane	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Methylene chloride	BRL	15		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
o-Xylene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-015

Client Sample ID: 14352-SB-5-5
Collection Date: 12/18/2014 2:07:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Tetrachloroethene	24	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Toluene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
trans-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
trans-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Trichloroethene	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Trichlorofluoromethane	BRL	3.6		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Vinyl chloride	BRL	7.3		ug/Kg-dry	201050	1	12/29/2014 12:15	MD
Surr: 4-Bromofluorobenzene	102	70-128		%REC	201050	1	12/29/2014 12:15	MD
Surr: Dibromofluoromethane	99.5	78.2-128		%REC	201050	1	12/29/2014 12:15	MD
Surr: Toluene-d8	98	76.5-116		%REC	201050	1	12/29/2014 12:15	MD
PERCENT MOISTURE D2216								
Percent Moisture	22.9	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-016

Client Sample ID: 14352-SB-12-2
Collection Date: 12/18/2014 3:16:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
1,1,2,2-Tetrachloroethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
1,1,2-Trichloroethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
1,1-Dichloroethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
1,1-Dichloroethene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
1,2,4-Trichlorobenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
1,2-Dibromo-3-chloropropane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
1,2-Dibromoethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
1,2-Dichlorobenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
1,2-Dichloroethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
1,2-Dichloropropane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
1,3-Dichlorobenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
1,4-Dichlorobenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
2-Butanone	BRL	31		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
2-Hexanone	BRL	6.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
4-Methyl-2-pentanone	BRL	6.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Acetone	BRL	61		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Benzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Bromodichloromethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Bromoform	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Bromomethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Carbon disulfide	BRL	6.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Carbon tetrachloride	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Chlorobenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Chloroethane	BRL	6.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Chloroform	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Chloromethane	BRL	6.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
cis-1,2-Dichloroethene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
cis-1,3-Dichloropropene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Cyclohexane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Dibromochloromethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Dichlorodifluoromethane	BRL	6.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Ethylbenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Freon-113	BRL	6.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Isopropylbenzene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
m,p-Xylene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Methyl acetate	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Methyl tert-butyl ether	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Methylcyclohexane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Methylene chloride	BRL	12		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
o-Xylene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-016

Client Sample ID: 14352-SB-12-2
Collection Date: 12/18/2014 3:16:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Tetrachloroethene	63000	15000		ug/Kg-dry	201052	5000	12/29/2014 05:07	NP
Toluene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
trans-1,2-Dichloroethene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
trans-1,3-Dichloropropene	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Trichloroethene	5.1	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Trichlorofluoromethane	BRL	3.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Vinyl chloride	BRL	6.1		ug/Kg-dry	201050	1	12/27/2014 19:34	MD
Surr: 4-Bromofluorobenzene	80.6	70-128		%REC	201052	5000	12/29/2014 05:07	NP
Surr: 4-Bromofluorobenzene	79.9	70-128		%REC	201050	1	12/27/2014 19:34	MD
Surr: Dibromofluoromethane	106	78.2-128		%REC	201052	5000	12/29/2014 05:07	NP
Surr: Dibromofluoromethane	91.1	78.2-128		%REC	201050	1	12/27/2014 19:34	MD
Surr: Toluene-d8	99	76.5-116		%REC	201052	5000	12/29/2014 05:07	NP
Surr: Toluene-d8	93.1	76.5-116		%REC	201050	1	12/27/2014 19:34	MD

PERCENT MOISTURE D2216

Percent Moisture	16.7	0		wt%	R282798	1	12/29/2014 09:00	SG
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-017

Client Sample ID: 14352-SB-12-5
Collection Date: 12/18/2014 3:25:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
1,1,2,2-Tetrachloroethane	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
1,1,2-Trichloroethane	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
1,1-Dichloroethane	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
1,1-Dichloroethene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
1,2,4-Trichlorobenzene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
1,2-Dibromo-3-chloropropane	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
1,2-Dibromoethane	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
1,2-Dichlorobenzene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
1,2-Dichloroethane	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
1,2-Dichloropropane	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
1,3-Dichlorobenzene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
1,4-Dichlorobenzene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
2-Butanone	BRL	1700000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
2-Hexanone	BRL	340000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
4-Methyl-2-pentanone	BRL	340000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Acetone	BRL	3400000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Benzene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Bromodichloromethane	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Bromoform	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Bromomethane	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Carbon disulfide	BRL	340000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Carbon tetrachloride	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Chlorobenzene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Chloroethane	BRL	340000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Chloroform	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Chloromethane	BRL	340000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
cis-1,2-Dichloroethene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
cis-1,3-Dichloropropene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Cyclohexane	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Dibromochloromethane	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Dichlorodifluoromethane	BRL	340000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Ethylbenzene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Freon-113	BRL	340000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Isopropylbenzene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
m,p-Xylene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Methyl acetate	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Methyl tert-butyl ether	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Methylcyclohexane	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Methylene chloride	BRL	680000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
o-Xylene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-017

Client Sample ID: 14352-SB-12-5
Collection Date: 12/18/2014 3:25:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Tetrachloroethene	14000000	1700000		ug/Kg-dry	201052	500000	12/29/2014 12:53	NP
Toluene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
trans-1,2-Dichloroethene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
trans-1,3-Dichloropropene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Trichloroethene	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Trichlorofluoromethane	BRL	170000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Vinyl chloride	BRL	340000		ug/Kg-dry	201052	50000	12/29/2014 13:22	NP
Surr: 4-Bromofluorobenzene	81.9	70-128		%REC	201052	50000	12/29/2014 13:22	NP
Surr: 4-Bromofluorobenzene	85.5	70-128		%REC	201052	500000	12/29/2014 12:53	NP
Surr: Dibromofluoromethane	106	78.2-128		%REC	201052	50000	12/29/2014 13:22	NP
Surr: Dibromofluoromethane	106	78.2-128		%REC	201052	500000	12/29/2014 12:53	NP
Surr: Toluene-d8	93.5	76.5-116		%REC	201052	50000	12/29/2014 13:22	NP
Surr: Toluene-d8	94.4	76.5-116		%REC	201052	500000	12/29/2014 12:53	NP
PERCENT MOISTURE D2216								
Percent Moisture	27.2	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-018

Client Sample ID: 14352-SB-12-12
Collection Date: 12/18/2014 4:06:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
1,1,2,2-Tetrachloroethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
1,1,2-Trichloroethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
1,1-Dichloroethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
1,1-Dichloroethene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
1,2,4-Trichlorobenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
1,2-Dibromo-3-chloropropane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
1,2-Dibromoethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
1,2-Dichlorobenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
1,2-Dichloroethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
1,2-Dichloropropane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
1,3-Dichlorobenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
1,4-Dichlorobenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
2-Butanone	BRL	38		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
2-Hexanone	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
4-Methyl-2-pentanone	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Acetone	BRL	76		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Benzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Bromodichloromethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Bromoform	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Bromomethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Carbon disulfide	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Carbon tetrachloride	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Chlorobenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Chloroethane	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Chloroform	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Chloromethane	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
cis-1,2-Dichloroethene	15	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
cis-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Cyclohexane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Dibromochloromethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Dichlorodifluoromethane	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Ethylbenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Freon-113	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Isopropylbenzene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
m,p-Xylene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Methyl acetate	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Methyl tert-butyl ether	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Methylcyclohexane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Methylene chloride	BRL	15		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
o-Xylene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-018

Client Sample ID: 14352-SB-12-12
Collection Date: 12/18/2014 4:06:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Tetrachloroethene	9900	2000		ug/Kg-dry	201052	500	12/29/2014 04:39	NP
Toluene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
trans-1,2-Dichloroethene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
trans-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Trichloroethene	12	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Trichlorofluoromethane	BRL	3.8		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Vinyl chloride	BRL	7.6		ug/Kg-dry	201050	1	12/27/2014 20:25	MD
Surr: 4-Bromofluorobenzene	81.1	70-128		%REC	201052	500	12/29/2014 04:39	NP
Surr: 4-Bromofluorobenzene	80.6	70-128		%REC	201050	1	12/27/2014 20:25	MD
Surr: Dibromofluoromethane	108	78.2-128		%REC	201052	500	12/29/2014 04:39	NP
Surr: Dibromofluoromethane	88	78.2-128		%REC	201050	1	12/27/2014 20:25	MD
Surr: Toluene-d8	99.1	76.5-116		%REC	201052	500	12/29/2014 04:39	NP
Surr: Toluene-d8	90	76.5-116		%REC	201050	1	12/27/2014 20:25	MD
PERCENT MOISTURE D2216								
Percent Moisture	25.1	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-019

Client Sample ID: 14352-SB-5-10
Collection Date: 12/18/2014 2:21:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
1,1,2,2-Tetrachloroethane	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
1,1,2-Trichloroethane	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
1,1-Dichloroethane	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
1,1-Dichloroethene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
1,2,4-Trichlorobenzene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
1,2-Dibromo-3-chloropropane	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
1,2-Dibromoethane	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
1,2-Dichlorobenzene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
1,2-Dichloroethane	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
1,2-Dichloropropane	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
1,3-Dichlorobenzene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
1,4-Dichlorobenzene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
2-Butanone	BRL	35		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
2-Hexanone	BRL	6.9		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
4-Methyl-2-pentanone	BRL	6.9		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Acetone	BRL	69		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Benzene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Bromodichloromethane	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Bromoform	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Bromomethane	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Carbon disulfide	BRL	6.9		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Carbon tetrachloride	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Chlorobenzene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Chloroethane	BRL	6.9		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Chloroform	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Chloromethane	BRL	6.9		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
cis-1,2-Dichloroethene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
cis-1,3-Dichloropropene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Cyclohexane	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Dibromochloromethane	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Dichlorodifluoromethane	BRL	6.9		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Ethylbenzene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Freon-113	BRL	6.9		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Isopropylbenzene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
m,p-Xylene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Methyl acetate	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Methyl tert-butyl ether	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Methylcyclohexane	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Methylene chloride	BRL	14		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
o-Xylene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-019

Client Sample ID: 14352-SB-5-10
Collection Date: 12/18/2014 2:21:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Tetrachloroethene	11	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Toluene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
trans-1,2-Dichloroethene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
trans-1,3-Dichloropropene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Trichloroethene	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Trichlorofluoromethane	BRL	3.5		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Vinyl chloride	BRL	6.9		ug/Kg-dry	201050	1	12/29/2014 12:39	MD
Surr: 4-Bromofluorobenzene	97.7	70-128		%REC	201050	1	12/29/2014 12:39	MD
Surr: Dibromofluoromethane	99.7	78.2-128		%REC	201050	1	12/29/2014 12:39	MD
Surr: Toluene-d8	98.2	76.5-116		%REC	201050	1	12/29/2014 12:39	MD
PERCENT MOISTURE D2216								
Percent Moisture	18.3	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-020

Client Sample ID: 14352-SB-9D-5
Collection Date: 12/18/2014 4:25:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
1,1,2,2-Tetrachloroethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
1,1,2-Trichloroethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
1,1-Dichloroethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
1,1-Dichloroethene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
1,2,4-Trichlorobenzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
1,2-Dibromo-3-chloropropane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
1,2-Dibromoethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
1,2-Dichlorobenzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
1,2-Dichloroethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
1,2-Dichloropropane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
1,3-Dichlorobenzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
1,4-Dichlorobenzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
2-Butanone	BRL	37		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
2-Hexanone	BRL	7.5		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
4-Methyl-2-pentanone	BRL	7.5		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Acetone	BRL	75		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Benzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Bromodichloromethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Bromoform	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Bromomethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Carbon disulfide	BRL	7.5		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Carbon tetrachloride	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Chlorobenzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Chloroethane	BRL	7.5		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Chloroform	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Chloromethane	BRL	7.5		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
cis-1,2-Dichloroethene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
cis-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Cyclohexane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Dibromochloromethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Dichlorodifluoromethane	BRL	7.5		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Ethylbenzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Freon-113	BRL	7.5		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Isopropylbenzene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
m,p-Xylene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Methyl acetate	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Methyl tert-butyl ether	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Methylcyclohexane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Methylene chloride	BRL	15		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
o-Xylene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-020

Client Sample ID: 14352-SB-9D-5
Collection Date: 12/18/2014 4:25:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Tetrachloroethene	2000	350		ug/Kg-dry	201052	100	12/29/2014 03:12	NP
Toluene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
trans-1,2-Dichloroethene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
trans-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Trichloroethene	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Trichlorofluoromethane	BRL	3.7		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Vinyl chloride	BRL	7.5		ug/Kg-dry	201050	1	12/27/2014 21:16	MD
Surr: 4-Bromofluorobenzene	78.1	70-128		%REC	201050	1	12/27/2014 21:16	MD
Surr: 4-Bromofluorobenzene	83.6	70-128		%REC	201052	100	12/29/2014 03:12	NP
Surr: Dibromofluoromethane	86.3	78.2-128		%REC	201050	1	12/27/2014 21:16	MD
Surr: Dibromofluoromethane	103	78.2-128		%REC	201052	100	12/29/2014 03:12	NP
Surr: Toluene-d8	90.1	76.5-116		%REC	201050	1	12/27/2014 21:16	MD
Surr: Toluene-d8	97.9	76.5-116		%REC	201052	100	12/29/2014 03:12	NP
PERCENT MOISTURE D2216								
Percent Moisture	24.4	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-021

Client Sample ID: 14352-SB-9D-12
Collection Date: 12/18/2014 4:44:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
1,1,2,2-Tetrachloroethane	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
1,1,2-Trichloroethane	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
1,1-Dichloroethane	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
1,1-Dichloroethene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
1,2,4-Trichlorobenzene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
1,2-Dibromo-3-chloropropane	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
1,2-Dibromoethane	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
1,2-Dichlorobenzene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
1,2-Dichloroethane	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
1,2-Dichloropropane	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
1,3-Dichlorobenzene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
1,4-Dichlorobenzene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
2-Butanone	BRL	47		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
2-Hexanone	BRL	9.4		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
4-Methyl-2-pentanone	BRL	9.4		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Acetone	BRL	94		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Benzene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Bromodichloromethane	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Bromoform	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Bromomethane	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Carbon disulfide	BRL	9.4		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Carbon tetrachloride	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Chlorobenzene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Chloroethane	BRL	9.4		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Chloroform	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Chloromethane	BRL	9.4		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
cis-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
cis-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Cyclohexane	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Dibromochloromethane	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Dichlorodifluoromethane	BRL	9.4		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Ethylbenzene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Freon-113	BRL	9.4		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Isopropylbenzene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
m,p-Xylene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Methyl acetate	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Methyl tert-butyl ether	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Methylcyclohexane	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Methylene chloride	BRL	19		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
o-Xylene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-021

Client Sample ID: 14352-SB-9D-12
Collection Date: 12/18/2014 4:44:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Tetrachloroethene	49	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Toluene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
trans-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
trans-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Trichloroethene	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Trichlorofluoromethane	BRL	4.7		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Vinyl chloride	BRL	9.4		ug/Kg-dry	201051	1	12/29/2014 16:26	MD
Surr: 4-Bromofluorobenzene	98.2	70-128		%REC	201051	1	12/29/2014 16:26	MD
Surr: Dibromofluoromethane	98.9	78.2-128		%REC	201051	1	12/29/2014 16:26	MD
Surr: Toluene-d8	98.1	76.5-116		%REC	201051	1	12/29/2014 16:26	MD
PERCENT MOISTURE D2216								
Percent Moisture	14.8	0		wt%	R282798	1	12/29/2014 09:00	SG

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-022

Client Sample ID: TRIP BLANK
Collection Date: 12/15/2014
Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
1,1-Dichloroethane	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
1,1-Dichloroethene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
1,2-Dibromoethane	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
1,2-Dichloroethane	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
1,2-Dichloropropane	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
2-Butanone	BRL	50		ug/L	201057	1	12/27/2014 14:47	GK
2-Hexanone	BRL	10		ug/L	201057	1	12/27/2014 14:47	GK
4-Methyl-2-pentanone	BRL	10		ug/L	201057	1	12/27/2014 14:47	GK
Acetone	BRL	50		ug/L	201057	1	12/27/2014 14:47	GK
Benzene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Bromodichloromethane	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Bromoform	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Bromomethane	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Carbon disulfide	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Carbon tetrachloride	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Chlorobenzene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Chloroethane	BRL	10		ug/L	201057	1	12/27/2014 14:47	GK
Chloroform	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Chloromethane	BRL	10		ug/L	201057	1	12/27/2014 14:47	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Cyclohexane	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Dibromochloromethane	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Dichlorodifluoromethane	BRL	10		ug/L	201057	1	12/27/2014 14:47	GK
Ethylbenzene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Freon-113	BRL	10		ug/L	201057	1	12/27/2014 14:47	GK
Isopropylbenzene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
m,p-Xylene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Methyl acetate	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Methylcyclohexane	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Methylene chloride	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
o-Xylene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 30-Dec-14

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1412I67-022

Client Sample ID: TRIP BLANK
Collection Date: 12/15/2014
Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Tetrachloroethene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Toluene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Trichloroethene	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Trichlorofluoromethane	BRL	5.0		ug/L	201057	1	12/27/2014 14:47	GK
Vinyl chloride	BRL	2.0		ug/L	201057	1	12/27/2014 14:47	GK
Surr: 4-Bromofluorobenzene	94.7	70.6-123		%REC	201057	1	12/27/2014 14:47	GK
Surr: Dibromofluoromethane	99.1	78.7-124		%REC	201057	1	12/27/2014 14:47	GK
Surr: Toluene-d8	97.2	81.3-120		%REC	201057	1	12/27/2014 14:47	GK

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EPS, Inc Work Order Number 1412167

Checklist completed by Joana Paewar Date 12/19/14
Signature Date

Carrier name: FedEx ☐ UPS ☐ Courier ☐ Client ☒ US Mail ☐ Other ☐

Shipping container/cooler in good condition? Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

Container/Temp Blank temperature in compliance? ($0^{\circ} \leq 6^{\circ}C$) * Yes ☒ No ☐

Cooler #1 3.6 Cooler #2 ☐ Cooler #3 ☐ Cooler #4 ☐ Cooler #5 ☐ Cooler #6 ☐

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Was TAT marked on the COC? Yes ☒ No ☐

Proceed with Standard TAT as per project history? Yes ☐ No ☐ Not Applicable ☒

Water - VOA vials have zero headspace? No VOA vials submitted ☒ Yes ☐ No ☐

Water - pH acceptable upon receipt? Yes ☐ No ☐ Not Applicable ☒

Adjusted? ☐ Checked by ☐

Sample Condition: Good ☒ Other(Explain) ☐

(For diffusive samples or AIHA lead) Is a known blank included? Yes ☐ No ☒

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\Aes_server\\Sample Receipt\\My Documents\\COCs and pH Adjustment Sheet\\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412I67

ANALYTICAL QC SUMMARY REPORT**BatchID: 201050**

Sample ID: MB-201050	Client ID:				Units: ug/Kg	Prep Date: 12/27/2014	Run No: 282707				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS	SW8260B	BatchID: 201050			Analysis Date: 12/27/2014	Seq No: 5990253				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	5.0
1,1,2,2-Tetrachloroethane	BRL	5.0
1,1,2-Trichloroethane	BRL	5.0
1,1-Dichloroethane	BRL	5.0
1,1-Dichloroethene	BRL	5.0
1,2,4-Trichlorobenzene	BRL	5.0
1,2-Dibromo-3-chloropropane	BRL	5.0
1,2-Dibromoethane	BRL	5.0
1,2-Dichlorobenzene	BRL	5.0
1,2-Dichloroethane	BRL	5.0
1,2-Dichloropropane	BRL	5.0
1,3-Dichlorobenzene	BRL	5.0
1,4-Dichlorobenzene	BRL	5.0
2-Butanone	BRL	50
2-Hexanone	BRL	10
4-Methyl-2-pentanone	BRL	10
Acetone	BRL	100
Benzene	BRL	5.0
Bromodichloromethane	BRL	5.0
Bromoform	BRL	5.0
Bromomethane	BRL	5.0
Carbon disulfide	BRL	10
Carbon tetrachloride	BRL	5.0
Chlorobenzene	BRL	5.0
Chloroethane	BRL	10
Chloroform	BRL	5.0
Chloromethane	BRL	10

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412167

ANALYTICAL QC SUMMARY REPORT**BatchID: 201050**

Sample ID: MB-201050		Client ID:		Units: ug/Kg		Prep Date: 12/27/2014		Run No: 282707			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 201050		Analysis Date: 12/27/2014		Seq No: 5990253			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	40.53	0	50.00		81.1	70	128				
Surr: Dibromofluoromethane	44.02	0	50.00		88.0	78.2	128				
Surr: Toluene-d8	45.14	0	50.00		90.3	76.5	116				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412I67

ANALYTICAL QC SUMMARY REPORT**BatchID: 201050**

Sample ID: LCS-201050	Client ID:					Units: ug/Kg	Prep Date: 12/27/2014	Run No: 282707			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 201050	Analysis Date: 12/27/2014	Seq No: 5990250			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	58.55	5.0	50.00		117	69.9	145				
Benzene	55.37	5.0	50.00		111	72.3	130				
Chlorobenzene	62.19	5.0	50.00		124	69	130				
Toluene	61.30	5.0	50.00		123	71.1	130				
Trichloroethene	56.75	5.0	50.00		114	71.7	136				
Surr: 4-Bromofluorobenzene	40.20	0	50.00		80.4	70	128				
Surr: Dibromofluoromethane	44.00	0	50.00		88.0	78.2	128				
Surr: Toluene-d8	44.69	0	50.00		89.4	76.5	116				

Sample ID: 1412I67-004AMS	Client ID: 14351-SB-3-10	Units: ug/Kg-dry			Prep Date: 12/27/2014	Run No: 282707					
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 201050			Analysis Date: 12/27/2014	Seq No: 5990251					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	67.72	6.1	61.18		111	56.6	151				
Benzene	64.84	6.1	61.18		106	70.4	130				
Chlorobenzene	72.84	6.1	61.18		119	67.5	132				
Toluene	71.50	6.1	61.18		117	70.4	130				
Trichloroethene	66.21	6.1	61.18		108	70.1	137				
Surr: 4-Bromofluorobenzene	49.41	0	61.18		80.8	70	128				
Surr: Dibromofluoromethane	53.28	0	61.18		87.1	78.2	128				
Surr: Toluene-d8	54.40	0	61.18		88.9	76.5	116				

Sample ID: 1412I67-004AMSD	Client ID: 14351-SB-3-10	Units: ug/Kg-dry	Prep Date: 12/27/2014	Run No: 282707							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 201050	Analysis Date: 12/27/2014	Seq No: 5990252							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	71.85	6.1	61.18		117	56.6	151	67.72	5.93	20.4	
Benzene	67.53	6.1	61.18		110	70.4	130	64.84	4.07	16.9	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412I67

ANALYTICAL QC SUMMARY REPORT

BatchID: 201050

Sample ID: 1412I67-004AMSD	Client ID: 14351-SB-3-10	Units: ug/Kg-dry	Prep Date: 12/27/2014	Run No: 282707							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 201050	Analysis Date: 12/27/2014	Seq No: 5990252							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	75.93	6.1	61.18		124	67.5	132	72.84	4.15	14.6	
Toluene	75.62	6.1	61.18		124	70.4	130	71.50	5.61	16.6	
Trichloroethene	69.32	6.1	61.18		113	70.1	137	66.21	4.59	17	
Surr: 4-Bromofluorobenzene	49.45	0	61.18		80.8	70	128	49.41	0	0	
Surr: Dibromofluoromethane	53.81	0	61.18		88.0	78.2	128	53.28	0	0	
Surr: Toluene-d8	54.38	0	61.18		88.9	76.5	116	54.40	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412I67

ANALYTICAL QC SUMMARY REPORT**BatchID: 201051**

Sample ID: MB-201051	Client ID:				Units: ug/Kg	Prep Date: 12/27/2014	Run No: 282730				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 201051	Analysis Date: 12/29/2014	Seq No: 5991125				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	5.0
1,1,2,2-Tetrachloroethane	BRL	5.0
1,1,2-Trichloroethane	BRL	5.0
1,1-Dichloroethane	BRL	5.0
1,1-Dichloroethene	BRL	5.0
1,2,4-Trichlorobenzene	BRL	5.0
1,2-Dibromo-3-chloropropane	BRL	5.0
1,2-Dibromoethane	BRL	5.0
1,2-Dichlorobenzene	BRL	5.0
1,2-Dichloroethane	BRL	5.0
1,2-Dichloropropane	BRL	5.0
1,3-Dichlorobenzene	BRL	5.0
1,4-Dichlorobenzene	BRL	5.0
2-Butanone	BRL	50
2-Hexanone	BRL	10
4-Methyl-2-pentanone	BRL	10
Acetone	BRL	100
Benzene	BRL	5.0
Bromodichloromethane	BRL	5.0
Bromoform	BRL	5.0
Bromomethane	BRL	5.0
Carbon disulfide	BRL	10
Carbon tetrachloride	BRL	5.0
Chlorobenzene	BRL	5.0
Chloroethane	BRL	10
Chloroform	BRL	5.0
Chloromethane	BRL	10

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412I67

ANALYTICAL QC SUMMARY REPORT**BatchID: 201051**

Sample ID: MB-201051	Client ID:					Units: ug/Kg	Prep Date: 12/27/2014	Run No: 282730			
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS	SW8260B				BatchID: 201051	Analysis Date: 12/29/2014	Seq No: 5991125			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	47.33	0	50.00		94.7	70	128				
Surr: Dibromofluoromethane	47.64	0	50.00		95.3	78.2	128				
Surr: Toluene-d8	48.81	0	50.00		97.6	76.5	116				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412I67

ANALYTICAL QC SUMMARY REPORT**BatchID: 201051**

Sample ID: LCS-201051	Client ID:					Units: ug/Kg	Prep Date: 12/27/2014	Run No: 282730			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 201051	Analysis Date: 12/29/2014	Seq No: 5991122			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	47.87	5.0	50.00		95.7	69.9	145				
Benzene	44.57	5.0	50.00		89.1	72.3	130				
Chlorobenzene	46.42	5.0	50.00		92.8	69	130				
Toluene	45.45	5.0	50.00		90.9	71.1	130				
Trichloroethene	47.80	5.0	50.00		95.6	71.7	136				
Surr: 4-Bromofluorobenzene	47.01	0	50.00		94.0	70	128				
Surr: Dibromofluoromethane	48.14	0	50.00		96.3	78.2	128				
Surr: Toluene-d8	48.59	0	50.00		97.2	76.5	116				

Sample ID: 1412J32-008AMS	Client ID:					Units: ug/Kg-dry	Prep Date: 12/27/2014	Run No: 282730			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 201051	Analysis Date: 12/29/2014	Seq No: 5991123			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	48.07	5.5	54.57		88.1	56.6	151				
Benzene	45.28	5.5	54.57		83.0	70.4	130				
Chlorobenzene	47.14	5.5	54.57		86.4	67.5	132				
Toluene	45.48	5.5	54.57		83.3	70.4	130				
Trichloroethene	46.77	5.5	54.57		85.7	70.1	137				
Surr: 4-Bromofluorobenzene	51.24	0	54.57		93.9	70	128				
Surr: Dibromofluoromethane	53.00	0	54.57		97.1	78.2	128				
Surr: Toluene-d8	53.00	0	54.57		97.1	76.5	116				

Sample ID: 1412J32-008AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 12/27/2014	Run No: 282730			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 201051	Analysis Date: 12/29/2014	Seq No: 5991124			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	47.13	5.5	54.57		86.4	56.6	151	48.07	1.97	20.4	
Benzene	46.57	5.5	54.57		85.3	70.4	130	45.28	2.80	16.9	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412I67

ANALYTICAL QC SUMMARY REPORT

BatchID: 201051

Sample ID: 1412J32-008AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 12/27/2014	Run No: 282730			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS	SW8260B				BatchID: 201051	Analysis Date: 12/29/2014	Seq No: 5991124			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	48.02	5.5	54.57		88.0	67.5	132	47.14	1.86	14.6	
Toluene	46.56	5.5	54.57		85.3	70.4	130	45.48	2.35	16.6	
Trichloroethene	47.72	5.5	54.57		87.4	70.1	137	46.77	2.01	17	
Surr: 4-Bromofluorobenzene	52.67	0	54.57		96.5	70	128	51.24	0	0	
Surr: Dibromofluoromethane	52.63	0	54.57		96.4	78.2	128	53.00	0	0	
Surr: Toluene-d8	53.21	0	54.57		97.5	76.5	116	53.00	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412I67

ANALYTICAL QC SUMMARY REPORT

BatchID: 201052

Sample ID: MB-201052	Client ID:	Units: ug/Kg			Prep Date: 12/28/2014	Run No: 282709					
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 201052			Analysis Date: 12/28/2014	Seq No: 5991199					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	250
1,1,2,2-Tetrachloroethane	BRL	250
1,1,2-Trichloroethane	BRL	250
1,1-Dichloroethane	BRL	250
1,1-Dichloroethene	BRL	250
1,2,4-Trichlorobenzene	BRL	250
1,2-Dibromo-3-chloropropane	BRL	250
1,2-Dibromoethane	BRL	250
1,2-Dichlorobenzene	BRL	250
1,2-Dichloroethane	BRL	250
1,2-Dichloropropane	BRL	250
1,3-Dichlorobenzene	BRL	250
1,4-Dichlorobenzene	BRL	250
2-Butanone	BRL	2500
2-Hexanone	BRL	500
4-Methyl-2-pentanone	BRL	500
Acetone	BRL	5000
Benzene	BRL	250
Bromodichloromethane	BRL	250
Bromoform	BRL	250
Bromomethane	BRL	250
Carbon disulfide	BRL	500
Carbon tetrachloride	BRL	250
Chlorobenzene	BRL	250
Chloroethane	BRL	500
Chloroform	BRL	250
Chloromethane	BRL	500

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412I67

ANALYTICAL QC SUMMARY REPORT**BatchID: 201052**

Sample ID: MB-201052	Client ID:					Units: ug/Kg	Prep Date: 12/28/2014		Run No: 282709		
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS	SW8260B				BatchID: 201052	Analysis Date: 12/28/2014		Seq No: 5991199		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	250									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2068	0	2500		82.7	70	128				
Surr: Dibromofluoromethane	2610	0	2500		104	78.2	128				
Surr: Toluene-d8	2418	0	2500		96.7	76.5	116				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412I67

ANALYTICAL QC SUMMARY REPORT**BatchID: 201052**

Sample ID: LCS-201052	Client ID:					Units: ug/Kg	Prep Date: 12/28/2014	Run No: 282709			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 201052	Analysis Date: 12/28/2014	Seq No: 5991206			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2546	250	2500		102	69.9	145				
Benzene	2048	250	2500		81.9	72.3	130				
Chlorobenzene	1826	250	2500		73.0	69	130				
Toluene	1938	250	2500		77.5	71.1	130				
Trichloroethene	2004	250	2500		80.1	71.7	136				
Surr: 4-Bromofluorobenzene	2111	0	2500		84.4	70	128				
Surr: Dibromofluoromethane	2565	0	2500		103	78.2	128				
Surr: Toluene-d8	2356	0	2500		94.2	76.5	116				

Sample ID: 1412I67-001AMS	Client ID: 14351-SB-2-2	Units: ug/Kg-dry			Prep Date: 12/28/2014	Run No: 282709					
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 201052			Analysis Date: 12/28/2014	Seq No: 5991207					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2026	180	1783		114	56.6	151				
Benzene	1720	180	1783		96.4	70.4	130				
Chlorobenzene	1596	180	1783		89.5	67.5	132				
Toluene	1685	180	1783		94.5	70.4	130				
Trichloroethene	1698	180	1783		95.2	70.1	137				
Surr: 4-Bromofluorobenzene	1425	0	1783		79.9	70	128				
Surr: Dibromofluoromethane	1819	0	1783		102	78.2	128				
Surr: Toluene-d8	1732	0	1783		97.1	76.5	116				

Sample ID: 1412I67-001AMSD	Client ID: 14351-SB-2-2	Units: ug/Kg-dry	Prep Date: 12/28/2014	Run No: 282709							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 201052	Analysis Date: 12/28/2014	Seq No: 5991208							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2013	180	1783		113	56.6	151	2026	0.636	20.4	
Benzene	1782	180	1783		99.9	70.4	130	1720	3.57	16.9	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412I67

ANALYTICAL QC SUMMARY REPORT

BatchID: 201052

Sample ID: 1412I67-001AMSD	Client ID: 14351-SB-2-2	Units: ug/Kg-dry	Prep Date: 12/28/2014	Run No: 282709							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 201052	Analysis Date: 12/28/2014	Seq No: 5991208							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	1590	180	1783		89.2	67.5	132	1596	0.358	14.6	
Toluene	1750	180	1783		98.1	70.4	130	1685	3.80	16.6	
Trichloroethene	1751	180	1783		98.2	70.1	137	1698	3.08	17	
Surr: 4-Bromofluorobenzene	1469	0	1783		82.4	70	128	1425	0	0	
Surr: Dibromofluoromethane	1798	0	1783		101	78.2	128	1819	0	0	
Surr: Toluene-d8	1728	0	1783		96.9	76.5	116	1732	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412I67

ANALYTICAL QC SUMMARY REPORT**BatchID: 201057**

Sample ID: MB-201057	Client ID:					Units: ug/L	Prep Date: 12/27/2014	Run No: 282712			
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 201057	Analysis Date: 12/27/2014	Seq No: 5990423			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	5.0
1,1,2,2-Tetrachloroethane	BRL	5.0
1,1,2-Trichloroethane	BRL	5.0
1,1-Dichloroethane	BRL	5.0
1,1-Dichloroethene	BRL	5.0
1,2,4-Trichlorobenzene	BRL	5.0
1,2-Dibromo-3-chloropropane	BRL	5.0
1,2-Dibromoethane	BRL	5.0
1,2-Dichlorobenzene	BRL	5.0
1,2-Dichloroethane	BRL	5.0
1,2-Dichloropropane	BRL	5.0
1,3-Dichlorobenzene	BRL	5.0
1,4-Dichlorobenzene	BRL	5.0
2-Butanone	BRL	50
2-Hexanone	BRL	10
4-Methyl-2-pentanone	BRL	10
Acetone	BRL	50
Benzene	BRL	5.0
Bromodichloromethane	BRL	5.0
Bromoform	BRL	5.0
Bromomethane	BRL	5.0
Carbon disulfide	BRL	5.0
Carbon tetrachloride	BRL	5.0
Chlorobenzene	BRL	5.0
Chloroethane	BRL	10
Chloroform	BRL	5.0
Chloromethane	BRL	10

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412I67

ANALYTICAL QC SUMMARY REPORT**BatchID: 201057**

Sample ID: MB-201057		Client ID:			Units: ug/L			Prep Date: 12/27/2014		Run No: 282712	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B			BatchID: 201057			Analysis Date: 12/27/2014		Seq No: 5990423	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	46.42	0	50.00		92.8	70.6	123				
Surr: Dibromofluoromethane	49.48	0	50.00		99.0	78.7	124				
Surr: Toluene-d8	48.49	0	50.00		97.0	81.3	120				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412I67

ANALYTICAL QC SUMMARY REPORT**BatchID: 201057**

Sample ID: LCS-201057	Client ID:					Units: ug/L	Prep Date: 12/27/2014	Run No: 282712			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 201057	Analysis Date: 12/27/2014	Seq No: 5990422			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	45.50	5.0	50.00		91.0	64.2	137				
Benzene	48.70	5.0	50.00		97.4	72.8	128				
Chlorobenzene	47.51	5.0	50.00		95.0	72.3	126				
Toluene	49.58	5.0	50.00		99.2	74.9	127				
Trichloroethene	51.81	5.0	50.00		104	70.5	134				
Surr: 4-Bromofluorobenzene	49.74	0	50.00		99.5	70.6	123				
Surr: Dibromofluoromethane	51.81	0	50.00		104	78.7	124				
Surr: Toluene-d8	50.03	0	50.00		100	81.3	120				

Sample ID: 1412J25-010AMS	Client ID:					Units: ug/L	Prep Date: 12/27/2014	Run No: 282712			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 201057	Analysis Date: 12/27/2014	Seq No: 5990425			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	47.84	5.0	50.00		95.7	60.5	156				
Benzene	50.93	5.0	50.00		102	70	135				
Chlorobenzene	49.14	5.0	50.00		98.3	70.5	132				
Toluene	51.47	5.0	50.00		103	70.5	137				
Trichloroethene	53.57	5.0	50.00		107	71.8	139				
Surr: 4-Bromofluorobenzene	49.77	0	50.00		99.5	70.6	123				
Surr: Dibromofluoromethane	51.70	0	50.00		103	78.7	124				
Surr: Toluene-d8	50.81	0	50.00		102	81.3	120				

Sample ID: 1412J25-010AMSD	Client ID:				Units: ug/L	Prep Date: 12/27/2014	Run No: 282712				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 201057	Analysis Date: 12/27/2014	Seq No: 5990426				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	47.85	5.0	50.00		95.7	60.5	156	47.84	0.021	20	
Benzene	49.59	5.0	50.00		99.2	70	135	50.93	2.67	20	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1412I67

ANALYTICAL QC SUMMARY REPORT

BatchID: 201057

Sample ID: 1412J25-010AMSD	Client ID:					Units: ug/L	Prep Date: 12/27/2014	Run No: 282712			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS	SW8260B	BatchID: 201057				Analysis Date: 12/27/2014	Seq No: 5990426			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	47.38	5.0	50.00		94.8	70.5	132	49.14	3.65	20	
Toluene	49.32	5.0	50.00		98.6	70.5	137	51.47	4.27	20	
Trichloroethene	51.33	5.0	50.00		103	71.8	139	53.57	4.27	20	
Surr: 4-Bromofluorobenzene	50.21	0	50.00		100	70.6	123	49.77	0	0	
Surr: Dibromofluoromethane	52.52	0	50.00		105	78.7	124	51.70	0	0	
Surr: Toluene-d8	50.65	0	50.00		101	81.3	120	50.81	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

04 January 2015

Mr. Justin Vickery
EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338



H&P Project: EPS121914-12
Client Project: TLC Cleaners / Marietta, GA

Dear Mr. Justin Vickery:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 19-Dec-14 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody

Unless otherwise noted, all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,



Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. operates under CA Environmental Lab Accreditation Program Numbers 2579, 2740, 2741, 2742, 2743, 2745 and 2754. National Environmental Laboratory Accreditation Conference (NELAC) Standards Lab #11845

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS121914-12
Project Number: TLC Cleaners / Marietta, GA
Project Manager: Mr. Justin Vickery

Reported:
04-Jan-15 09:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
14351-SG-1	E412086-01	Vapor	17-Dec-14	19-Dec-14
14351-SG-2	E412086-02	Vapor	17-Dec-14	19-Dec-14
14351-SG-3	E412086-03	Vapor	17-Dec-14	19-Dec-14
14351-SG-Dup	E412086-04	Vapor	17-Dec-14	19-Dec-14

Due to the presence of elevated analyte concentrations, all samples were analyzed using H&P 8260SV rather than EPA Method TO-15.

The following EPA Method TO-15 analytes are not reported by H&P 8260SV:

Dichlorotetrafluoroethane

Carbon Disulfide

4-Ethyltoluene

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS121914-12
Project Number: TLC Cleaners / Marietta, GA
Project Manager: Mr. Justin Vickery

Reported:
04-Jan-15 09:28

DETECTIONS SUMMARY

Sample ID: **14351-SG-1**

Laboratory ID: **E412086-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Dichlorodifluoromethane (F12)	810	500	ug/m3	H&P 8260 SV	
Tetrachloroethene	68000	2000	ug/m3	H&P 8260 SV	

Sample ID: **14351-SG-2**

Laboratory ID: **E412086-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	38000	100	ug/m3	H&P 8260 SV	

Sample ID: **14351-SG-3**

Laboratory ID: **E412086-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	5500	100	ug/m3	H&P 8260 SV	

Sample ID: **14351-SG-Dup**

Laboratory ID: **E412086-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Dichlorodifluoromethane (F12)	630	500	ug/m3	H&P 8260 SV	
Tetrachloroethene	100000	2000	ug/m3	H&P 8260 SV	

EPS, Inc.
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Project Manager: Mr. Justin Vickery

Reported:
04-Jan-15 09:28

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
14351-SG-1 (E412086-01) Vapor Sampled: 17-Dec-14 Received: 19-Dec-14									
Acetone	ND	5000	ug/m3	0.05	EL42302	22-Dec-14	22-Dec-14	H&P 8260 SV	
2-Butanone (MEK)	ND	2500	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2500	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	2500	"	"	"	"	"	"	
Dichlorodifluoromethane (F12)	810	500	"	"	"	"	"	"	
Chloromethane	ND	500	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
Bromomethane	ND	500	"	"	"	"	"	"	
Chloroethane	ND	500	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	500	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	500	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	500	"	"	"	"	"	"	
Chloroform	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	500	"	"	"	"	"	"	
Carbon tetrachloride	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	100	"	"	"	"	"	"	
Benzene	ND	100	"	"	"	"	"	"	
Trichloroethene	ND	100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	500	"	"	"	"	"	"	
Bromodichloromethane	ND	500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	500	"	"	"	"	"	"	
Toluene	ND	1000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	500	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	500	"	"	"	"	"	"	
Tetrachloroethene	68000	2000	"	1	"	"	29-Dec-14	"	
Dibromochloromethane	ND	500	"	0.05	"	"	22-Dec-14	"	
Chlorobenzene	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	500	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	500	"	"	"	"	"	"	
m,p-Xylene	ND	500	"	"	"	"	"	"	
o-Xylene	ND	500	"	"	"	"	"	"	
Styrene	ND	500	"	"	"	"	"	"	
Bromoform	ND	500	"	"	"	"	"	"	

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Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
14351-SG-1 (E412086-01) Vapor Sampled: 17-Dec-14 Received: 19-Dec-14									
1,1,2,2-Tetrachloroethane	ND	500	ug/m3	0.05	EL42302	22-Dec-14	22-Dec-14	H&P 8260 SV	
1,3,5-Trimethylbenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	500	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		86.2 %	75-125		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		93.4 %	75-125		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.5 %	75-125		"	"	"	"	
14351-SG-2 (E412086-02) Vapor Sampled: 17-Dec-14 Received: 19-Dec-14									
Acetone	ND	5000	ug/m3	0.05	EL42302	22-Dec-14	22-Dec-14	H&P 8260 SV	
2-Butanone (MEK)	ND	2500	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2500	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	2500	"	"	"	"	"	"	
Dichlorodifluoromethane (F12)	ND	500	"	"	"	"	"	"	
Chloromethane	ND	500	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
Bromomethane	ND	500	"	"	"	"	"	"	
Chloroethane	ND	500	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	500	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	500	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	500	"	"	"	"	"	"	
Chloroform	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	500	"	"	"	"	"	"	
Carbon tetrachloride	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	100	"	"	"	"	"	"	
Benzene	ND	100	"	"	"	"	"	"	
Trichloroethene	ND	100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	500	"	"	"	"	"	"	
Bromodichloromethane	ND	500	"	"	"	"	"	"	

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04-Jan-15 09:28

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
14351-SG-2 (E412086-02) Vapor Sampled: 17-Dec-14 Received: 19-Dec-14									
cis-1,3-Dichloropropene	ND	500	ug/m3	0.05	EL42302	22-Dec-14	22-Dec-14	H&P 8260 SV	
Toluene	ND	1000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	500	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	500	"	"	"	"	"	"	
Tetrachloroethene	38000	100	"	"	"	"	"	"	
Dibromochloromethane	ND	500	"	"	"	"	"	"	
Chlorobenzene	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	500	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	500	"	"	"	"	"	"	
m,p-Xylene	ND	500	"	"	"	"	"	"	
o-Xylene	ND	500	"	"	"	"	"	"	
Styrene	ND	500	"	"	"	"	"	"	
Bromoform	ND	500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	500	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		88.6 %	75-125		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		95.7 %	75-125		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		99.7 %	75-125		"	"	"	"	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

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Project Manager: Mr. Justin Vickery

Reported:
04-Jan-15 09:28

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
14351-SG-3 (E412086-03) Vapor Sampled: 17-Dec-14 Received: 19-Dec-14									
Acetone	ND	5000	ug/m3	0.05	EL42302	22-Dec-14	22-Dec-14	H&P 8260 SV	
2-Butanone (MEK)	ND	2500	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2500	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	2500	"	"	"	"	"	"	
Dichlorodifluoromethane (F12)	ND	500	"	"	"	"	"	"	
Chloromethane	ND	500	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
Bromomethane	ND	500	"	"	"	"	"	"	
Chloroethane	ND	500	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	500	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	500	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	500	"	"	"	"	"	"	
Chloroform	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	500	"	"	"	"	"	"	
Carbon tetrachloride	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	100	"	"	"	"	"	"	
Benzene	ND	100	"	"	"	"	"	"	
Trichloroethene	ND	100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	500	"	"	"	"	"	"	
Bromodichloromethane	ND	500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	500	"	"	"	"	"	"	
Toluene	ND	1000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	500	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	500	"	"	"	"	"	"	
Tetrachloroethene	5500	100	"	"	"	"	"	"	
Dibromochloromethane	ND	500	"	"	"	"	"	"	
Chlorobenzene	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	500	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	500	"	"	"	"	"	"	
m,p-Xylene	ND	500	"	"	"	"	"	"	
o-Xylene	ND	500	"	"	"	"	"	"	
Styrene	ND	500	"	"	"	"	"	"	
Bromoform	ND	500	"	"	"	"	"	"	

EPS, Inc.
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Atlanta, GA 30338

Project: EPS121914-12
Project Number: TLC Cleaners / Marietta, GA
Project Manager: Mr. Justin Vickery

Reported:
04-Jan-15 09:28

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
14351-SG-3 (E412086-03) Vapor Sampled: 17-Dec-14 Received: 19-Dec-14									
1,1,2,2-Tetrachloroethane	ND	500	ug/m3	0.05	EL42302	22-Dec-14	22-Dec-14	H&P 8260 SV	
1,3,5-Trimethylbenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	500	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		91.1 %	75-125		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96.5 %	75-125		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.9 %	75-125		"	"	"	"	
14351-SG-Dup (E412086-04) Vapor Sampled: 17-Dec-14 Received: 19-Dec-14									
Acetone	ND	5000	ug/m3	0.05	EL42302	22-Dec-14	22-Dec-14	H&P 8260 SV	
2-Butanone (MEK)	ND	2500	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	2500	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	2500	"	"	"	"	"	"	
Dichlorodifluoromethane (F12)	630	500	"	"	"	"	"	"	
Chloromethane	ND	500	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
Bromomethane	ND	500	"	"	"	"	"	"	
Chloroethane	ND	500	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	500	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	500	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	500	"	"	"	"	"	"	
Chloroform	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	500	"	"	"	"	"	"	
Carbon tetrachloride	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	100	"	"	"	"	"	"	
Benzene	ND	100	"	"	"	"	"	"	
Trichloroethene	ND	100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	500	"	"	"	"	"	"	
Bromodichloromethane	ND	500	"	"	"	"	"	"	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS121914-12
Project Number: TLC Cleaners / Marietta, GA
Project Manager: Mr. Justin Vickery

Reported:
04-Jan-15 09:28

Volatile Organic Compounds by 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
14351-SG-Dup (E412086-04) Vapor Sampled: 17-Dec-14 Received: 19-Dec-14									
cis-1,3-Dichloropropene	ND	500	ug/m3	0.05	EL42302	22-Dec-14	22-Dec-14	H&P 8260 SV	
Toluene	ND	1000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	500	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	500	"	"	"	"	"	"	
Tetrachloroethene	100000	2000	"	1	"	"	29-Dec-14	"	
Dibromochloromethane	ND	500	"	0.05	"	"	22-Dec-14	"	
Chlorobenzene	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	500	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	500	"	"	"	"	"	"	
m,p-Xylene	ND	500	"	"	"	"	"	"	
o-Xylene	ND	500	"	"	"	"	"	"	
Styrene	ND	500	"	"	"	"	"	"	
Bromoform	ND	500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	500	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		90.8 %	75-125		"	"	"	"	
Surrogate: Toluene-d8		93.5 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.9 %	75-125		"	"	"	"	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS121914-12
Project Number: TLC Cleaners / Marietta, GA
Project Manager: Mr. Justin Vickery

Reported:
04-Jan-15 09:28

Volatile Organic Compounds by 8260SV - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EL42302 - EPA 5030

Blank (EL42302-BLK1)

Prepared & Analyzed: 22-Dec-14

Acetone	ND	5000	ug/m3
2-Butanone (MEK)	ND	2500	"
2-Hexanone (MBK)	ND	2500	"
4-Methyl-2-pentanone (MIBK)	ND	2500	"
Dichlorodifluoromethane (F12)	ND	500	"
Chloromethane	ND	500	"
Vinyl chloride	ND	50	"
Bromomethane	ND	500	"
Chloroethane	ND	500	"
Trichlorofluoromethane (F11)	ND	500	"
1,1-Dichloroethene	ND	500	"
1,1,2 Trichlorotrifluoroethane (F113)	ND	500	"
Methylene chloride (Dichloromethane)	ND	500	"
trans-1,2-Dichloroethene	ND	500	"
1,1-Dichloroethane	ND	500	"
cis-1,2-Dichloroethene	ND	500	"
Chloroform	ND	100	"
1,1,1-Trichloroethane	ND	500	"
Carbon tetrachloride	ND	100	"
1,2-Dichloroethane (EDC)	ND	100	"
Benzene	ND	100	"
Trichloroethene	ND	100	"
1,2-Dichloropropane	ND	500	"
Bromodichloromethane	ND	500	"
cis-1,3-Dichloropropene	ND	500	"
Toluene	ND	1000	"
trans-1,3-Dichloropropene	ND	500	"
1,1,2-Trichloroethane	ND	500	"
1,2-Dibromoethane (EDB)	ND	500	"
Tetrachloroethene	ND	100	"
Dibromochloromethane	ND	500	"
Chlorobenzene	ND	100	"
Ethylbenzene	ND	500	"
1,1,1,2-Tetrachloroethane	ND	500	"

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS121914-12
Project Number: TLC Cleaners / Marietta, GA
Project Manager: Mr. Justin Vickery

Reported:
04-Jan-15 09:28

Volatile Organic Compounds by 8260SV - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EL42302 - EPA 5030

Blank (EL42302-BLK1)

Prepared & Analyzed: 22-Dec-14

m,p-Xylene	ND	500	ug/m3
o-Xylene	ND	500	"
Styrene	ND	500	"
Bromoform	ND	500	"
1,1,2,2-Tetrachloroethane	ND	500	"
1,3,5-Trimethylbenzene	ND	500	"
1,2,4-Trimethylbenzene	ND	500	"
1,3-Dichlorobenzene	ND	500	"
1,4-Dichlorobenzene	ND	500	"
1,2-Dichlorobenzene	ND	500	"
1,2,4-Trichlorobenzene	ND	500	"
Hexachlorobutadiene	ND	500	"

<i>Surrogate: Dibromofluoromethane</i>	2270	"	2500	90.7	75-125
<i>Surrogate: Toluene-d8</i>	2380	"	2500	95.2	75-125
<i>Surrogate: 4-Bromofluorobenzene</i>	2300	"	2500	92.0	75-125

LCS (EL42302-BS1)

Prepared & Analyzed: 22-Dec-14

Dichlorodifluoromethane (F12)	3780	500	ug/m3	5000	75.6	70-130
Vinyl chloride	4720	50	"	5000	94.4	70-130
Chloroethane	5640	500	"	5000	113	70-130
Trichlorofluoromethane (F11)	4120	500	"	5000	82.3	70-130
1,1-Dichloroethene	4500	500	"	5000	90.0	70-130
1,1,2 Trichlorotrifluoroethane (F113)	5890	500	"	5000	118	70-130
Methylene chloride (Dichloromethane)	4960	500	"	5000	99.2	70-130
trans-1,2-Dichloroethene	5180	500	"	5000	104	70-130
1,1-Dichloroethane	4670	500	"	5000	93.4	70-130
cis-1,2-Dichloroethene	5080	500	"	5000	102	70-130
Chloroform	4490	100	"	5000	89.8	70-130
1,1,1-Trichloroethane	4010	500	"	5000	80.1	70-130
Carbon tetrachloride	4010	100	"	5000	80.3	70-130
1,2-Dichloroethane (EDC)	3830	100	"	5000	76.6	70-130
Benzene	4880	100	"	5000	97.6	70-130
Trichloroethene	4660	100	"	5000	93.3	70-130

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS121914-12
Project Number: TLC Cleaners / Marietta, GA
Project Manager: Mr. Justin Vickery

Reported:
04-Jan-15 09:28

Volatile Organic Compounds by 8260SV - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EL42302 - EPA 5030

LCS (EL42302-BS1)

Prepared & Analyzed: 22-Dec-14

Toluene	4730	1000	ug/m3	5000		94.7	70-130			
1,1,2-Trichloroethane	4770	500	"	5000		95.4	70-130			
Tetrachloroethene	5240	100	"	5000		105	70-130			
Ethylbenzene	4930	500	"	5000		98.6	70-130			
1,1,1,2-Tetrachloroethane	4710	500	"	5000		94.3	70-130			
m,p-Xylene	10300	500	"	10000		103	70-130			
o-Xylene	4960	500	"	5000		99.1	70-130			
1,1,2,2-Tetrachloroethane	4760	500	"	5000		95.1	70-130			

Surrogate: Dibromofluoromethane	2280		"	2500		91.3	75-125			
Surrogate: Toluene-d8	2380		"	2500		95.3	75-125			
Surrogate: 4-Bromofluorobenzene	2310		"	2500		92.4	75-125			

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS121914-12
Project Number: TLC Cleaners / Marietta, GA
Project Manager: Mr. Justin Vickery

Reported:
04-Jan-15 09:28

Notes and Definitions

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory (Certification # L11-175) in accordance with the DoD-ELAP program. H&P is approved by the State of Arizona under Certification Numbers AZM758 and AZ0779. H&P is approved as an Environmental Laboratory in conformance with the Environmental Laboratory Accreditation Program (CA) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste for the following methods:

Certificate# 2741, 2743, 2579, 2754 & 2740 approved for EPA 8260 and LUFT GC/MS
Certificate# 2742, 2745, & 2741 approved for LUFT
Certificate# 2745 & 2742 approved for EPA 418.1

H&P Mobile Geochemistry, Inc. is approved as an Environmental Laboratory in conformance with the National Environmental Accreditation Conference Standards for the category Environmental Analysis Air and Emissions for the following analytes and methods:

Hexachlorobutadiene by EPA TO-15 & TO-14A	1,3-Dichlorobenzene by EPA TO-15 & TO-14A
1,2,4-Trichlorobenzene by EPA TO-15 & TO-14A	Trichlorofluoromethane by EPA TO-14A
1,2-Dichlorobenzene by EPA TO-15 & TO-14A	Naphthalene by H&P SOP TO-15/GC-MS
Dichlorotetrafluoroethane by EPA TO-14A	1,2-Dibromoethane (EDB) by EPA TO-15 & TO-14A
1,4-Dichlorobenzene by EPA TO-15 & TO-14A	1,2-Dibromo-3-chloropropane by EPA TO-15
Benzene by EPA TO-15 & TO-14A	1,3-Butadiene by EPA TO-15
Chlorobenzene by EPA TO-15 & TO-14A	1,1,2-Trichlorotrifluoroethane by EPA TO-14A
Ethyl benzene by EPA TO-15 & TO-14A	Carbon disulfide by EPA TO-15
Styrene by EPA TO-15 & TO-14A	1,4-Dioxane by EPA TO-15
Toluene by EPA TO-15 & TO-14A	
Total Xylenes by EPA TO-15	
1,1,1-Trichloroethane by EPA TO-15 & TO-14A	
1,1,2,2-Tetrachloroethane by EPA TO-15 & TO-14A	
1,1,2-Trichloroethane by EPA TO-15 & TO-14A	
1,1-Dichloroethane by EPA TO-15 & TO-14A	
1,1-Dichloroethene by EPA TO-15 & TO-14A	
1,2-Dichloroethane by EPA TO-15 & TO-14A	
1,2-Dichloropropane by EPA TO-15 & TO-14A	
Benzyl Chloride by EPA TO-15 & TO-14A	
Bromoform by EPA TO-15	
Bromomethane by EPA TO-15 & TO-14A	
Carbon tetrachloride by EPA TO-15 & TO-14A	
Chloroethane by EPA TO-15 & TO-14A	
Chloroform by EPA TO-15 & TO-14A	
Chloromethane by EPA TO-15 & TO-14A	
cis-1,2-Dichloroethene by EPA TO-15 & TO-14A	
cis-1,3-Dichloropropene by EPA TO-15 & TO-14A	
Methylene chloride by EPA TO -15 & TO-14A	
Tetrachloroethane by EPA TO-15 & TO-14A	
trans-1,2-Dichloroethene by EPA TO-15	
trans-1,3-Dichloropropene by EPA TO-15 & TO-14A	
Trichloroethene by EPA TO-15 & TO-14A	
Vinyl chloride by EPA TO -15	
2-Butanone by EPA TO-15	
4-Methyl-2-Pentanone by EPA TO-15	
Hexane by EPA TO-15	
Methyl tert-butyl ether by EPA TO-15	
Vinyl acetate by EPA TO-15	

This certification applies to samples analyzed in summa canisters.

VAPOR / AIR Chain of Custody

DATE: 12/17/14
Page 1 of 1

Lab Client and Project Information		
Lab Client/Consultant: EPS, Inc.	Project Name / #: TLC Cleaners	
Lab Client Project Manager: Justin Vickery	Project Location: Marietta, GA	
Lab Client Address: 1050 Crown Pointe Parkway, Suite 550	Report E-Mail(s): juvickery@envplanning.com wcrowe@envplanning.com	
Lab Client City, State, Zip: Atlanta, GA 30338		
Phone Number: (404) 315-9113		
Reporting Requirements	Turnaround Time	Sampler Information
☒ Standard Report ☐ Level III ☐ Level IV ☒ Excel EDD ☐ Other EDD: _____ ☐ CA Geotracker Global ID: _____	☒ 5-7 day Std ☐ 24-Hr Rush ☐ 3-day Rush ☐ Mobile Lab ☐ 48-Hr Rush ☐ Other: _____	Sampler(s): William Crowe Signature:  Date: 12/17/14

Sample Receipt (Lab Use Only)	
Date Rec'd: 12/19/14	Control #: 140986.01
H&P Project # EPS121914-12	
Lab Work Order # E412086	
Sample Intact: ☒ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID: 1076084	Temp: 21°C
Outside Lab:	
Receipt Notes/Tracking #: 1293TT618747249532	
Lab PM Initials: SN	

[illegible]



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

February 20, 2015

Justin Vickery
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway
Atlanta GA 30338

TEL: (404) 315-9113
FAX: (404) 315-8509

RE: TLC Cleaners

Dear Justin Vickery:

Order No: 1502A03

Analytical Environmental Services, Inc. received 35 samples on 2/12/2015 8:50:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Nicole Jessup
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

AES

TEL: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1502A03

Date: 2/11/15 Page 1 of 4

COMPANY: EPS, Inc		ADDRESS: 1050 Crown Pointe Pkwy/ suite 550 Atlanta GA 30338		ANALYSIS REQUESTED												Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers	
PHONE: 404-315-9113		FAX:		VOC Moisture															
SAMPLED BY: William Crowe		SIGNATURE:														PRESERVATION (See codes)			
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)													
		DATE	TIME																
1	15041-SB-13-2	2/10/15	1001	X		SO													4
2	15041-SB-13-6		1012																4
3	15041-SB-13-10		1025																4
4	15041-SB-14-2		1043																4
5	15041-SB-14-6		1056																4
6	15041-SB-14-10		1109																4
7	15041-SB-15-2		1218																4
8	15041-SB-15-6		1228																4
9	15041-SB-15-10		1243																4
10	15041-SB-16-2		1253																4
11	15041-SB-16-6		1306																4
12	15041-SB-16-10		1318																4
13	15041-SB-20-2		1343																4
14	15041-SB-20-6		1352																4

RELINQUISHED BY		DATE/TIME	RECEIVED BY		DATE/TIME	PROJECT INFORMATION		RECEIPT	
1:		2/12/15 0850	1:		2/12/15 8:50AM	PROJECT NAME: T2C Cleaners		Total # of Containers 56	
2:			2:			PROJECT #:		Turnaround Time Request ☒ Standard 5 Business Days ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same Day Rush (auth req.) ☐ Other	
3:			3:			SITE ADDRESS:			
						SEND REPORT TO: Jvickery@envplanning.com			
SPECIAL INSTRUCTIONS/COMMENTS:			SHIPMENT METHOD			INVOICE TO: (IF DIFFERENT FROM ABOVE)		STATE PROGRAM (if any):	
			OUT / / VIA: IN / / VIA: ☒ CLIENT FedEx UPS MAIL COURIER ☐ GREYHOUND OTHER					E-mail? Y/N; Fax? Y/N	
						QUOTE #:		DATA PACKAGE: I II III IV	

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
 SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None



AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1502A03

Date: 2/11/15 Page 2 of 4

COMPANY		ADDRESS		ANALYSIS REQUESTED										Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers			
PHONE:		FAX:		PRESERVATION (See codes)										REMARKS					
SAMPLED BY:		SIGNATURE:																	
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	S/M	I											
1	15041-SB-20-10	2/10/15	1357			SO													
2	15041-SB-19-2		1411																
3	15041-SB-19-6		1417																
4	15041-SB-19-10		1423																
5	15041-SB-18-2		1445																
6	15041-SB-18-8		1451																
7	15041-SB-18-10		1457																
8	15041-SB-17-2		1518																
9	15041-SB-17-6		1522																
10	15041-SB-17-12		1527																
11	15041-SB-25-2		1552																
12	15041-SB-25-6		1557																
13	15041-SB-25-12		1604																
14	15042-SB-21-5	2/11/15	0916																
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION										RECEIPT	
1.		2/12/15 0850		1.		2/12/15 8:50 AM		PROJECT NAME: TLC Cleaners										Total # of Containers 56	
2.				2.				PROJECT #:										Turnaround Time Request ☒ Standard 5 Business Days ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same Day Rush (auth req.) ☐ Other	
3.				3.				SITE ADDRESS:											
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				SEND REPORT TO: <u>juickerj@envplanning.com</u>										STATE PROGRAM (if any): E-mail? Y / N; Fax? Y / N DATA PACKAGE: I II III IV	
				OUT / / VIA: IN ☒ CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER				INVOICE TO: (IF DIFFERENT FROM ABOVE)											
								QUOTE #:										PO#:	

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.

SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client



TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

Work Order: 1502A03

Date: 2/11/15 Page 3 of 4

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

AES

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1502A03

Date: 2/11/15 Page 4 of 4

COMPANY: EPS Inc		ADDRESS: 1050 Crown Pointe Pkwy Suite 550 Atlanta, GA 30338		ANALYSIS REQUESTED										Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers			
PHONE: 404-315-9113		FAX:		PRESERVATION (See codes)															
SAMPLED BY: William Crowe		SIGNATURE: [Signature]		REMARKS															
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	PH	I	A										
1	15042-SB-29-2	2/11/15	1430			So													Hold
2	15042-SB-29-6		1441																
3	15042-SB-29-10		1453																
4	Trip Blank 1					W													
5	Trip Blank 2					W													
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			

RELINQUISHED BY: [Signature]		DATE/TIME: 2/12/15 0850	RECEIVED BY: [Signature]		DATE/TIME: 2/12/15 0850AM	PROJECT INFORMATION		RECEIPT	
1:			1:			PROJECT NAME: TLC Cleaners		Total # of Containers: 16	
2:			2:			PROJECT #:		Turnaround Time Request	
3:			3:			SITE ADDRESS:		☒ Standard 5 Business Days ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same Day Rush (auth req.) ☐ Other	
SPECIAL INSTRUCTIONS/COMMENTS:			SHIPMENT METHOD			INVOICE TO: (IF DIFFERENT FROM ABOVE)		STATE PROGRAM (if any):	
			OUT / / VIA: IN / / VIA: ☒ CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER			QUOTE #:		E-mail? Y/N; Fax? Y/N	
						PO#:		DATA PACKAGE: I II III IV	

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
 SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
 PRESERVATIVE: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-001

Client Sample ID: 15041-SB-13-2
Collection Date: 2/10/2015 10:01:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
2-Butanone	BRL	33		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
2-Hexanone	BRL	6.5		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
4-Methyl-2-pentanone	BRL	6.5		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Acetone	BRL	65		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Benzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Bromodichloromethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Bromoform	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Bromomethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Carbon disulfide	BRL	6.5		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Chlorobenzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Chloroethane	BRL	6.5		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Chloroform	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Chloromethane	BRL	6.5		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
cis-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Cyclohexane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Dibromochloromethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Dichlorodifluoromethane	BRL	6.5		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Ethylbenzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Freon-113	BRL	6.5		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Isopropylbenzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
m,p-Xylene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Methyl acetate	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Methylcyclohexane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Methylene chloride	BRL	13		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
o-Xylene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-001

Client Sample ID: 15041-SB-13-2
Collection Date: 2/10/2015 10:01:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Tetrachloroethene	440	150		ug/Kg-dry	203102	50	02/17/2015 15:02	TH
Toluene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Trichloroethene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Vinyl chloride	BRL	6.5		ug/Kg-dry	203201	1	02/13/2015 13:47	MD
Surr: 4-Bromofluorobenzene	100	70-128		%REC	203102	50	02/17/2015 15:02	TH
Surr: 4-Bromofluorobenzene	90.7	70-128		%REC	203201	1	02/13/2015 13:47	MD
Surr: Dibromofluoromethane	108	78.2-128		%REC	203102	50	02/17/2015 15:02	TH
Surr: Dibromofluoromethane	95.7	78.2-128		%REC	203201	1	02/13/2015 13:47	MD
Surr: Toluene-d8	97.9	76.5-116		%REC	203102	50	02/17/2015 15:02	TH
Surr: Toluene-d8	98.2	76.5-116		%REC	203201	1	02/13/2015 13:47	MD

PERCENT MOISTURE D2216

Percent Moisture	17.1	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-002

Client Sample ID: 15041-SB-13-6
Collection Date: 2/10/2015 10:12:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
1,1,2,2-Tetrachloroethane	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
1,1,2-Trichloroethane	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
1,1-Dichloroethane	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
1,2,4-Trichlorobenzene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
1,2-Dibromo-3-chloropropane	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
1,2-Dibromoethane	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
1,2-Dichlorobenzene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
1,2-Dichloroethane	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
1,2-Dichloropropane	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
1,3-Dichlorobenzene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
1,4-Dichlorobenzene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
2-Butanone	BRL	45		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
2-Hexanone	BRL	9.0		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
4-Methyl-2-pentanone	BRL	9.0		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Acetone	BRL	90		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Benzene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Bromodichloromethane	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Bromoform	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Bromomethane	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Carbon disulfide	BRL	9.0		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Carbon tetrachloride	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Chlorobenzene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Chloroethane	BRL	9.0		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Chloroform	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Chloromethane	BRL	9.0		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
cis-1,2-Dichloroethene	7.4	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
cis-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Cyclohexane	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Dibromochloromethane	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Dichlorodifluoromethane	BRL	9.0		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Ethylbenzene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Freon-113	BRL	9.0		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Isopropylbenzene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
m,p-Xylene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Methyl acetate	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Methyl tert-butyl ether	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Methylcyclohexane	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Methylene chloride	BRL	18		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
o-Xylene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-002

Client Sample ID: 15041-SB-13-6
Collection Date: 2/10/2015 10:12:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Tetrachloroethene	900	210		ug/Kg-dry	203102	50	02/17/2015 15:27	TH
Toluene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
trans-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Trichloroethene	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Trichlorofluoromethane	BRL	4.5		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Vinyl chloride	BRL	9.0		ug/Kg-dry	203201	1	02/13/2015 14:11	MD
Surr: 4-Bromofluorobenzene	99.2	70-128		%REC	203102	50	02/17/2015 15:27	TH
Surr: 4-Bromofluorobenzene	90.1	70-128		%REC	203201	1	02/13/2015 14:11	MD
Surr: Dibromofluoromethane	110	78.2-128		%REC	203102	50	02/17/2015 15:27	TH
Surr: Dibromofluoromethane	96.8	78.2-128		%REC	203201	1	02/13/2015 14:11	MD
Surr: Toluene-d8	99.2	76.5-116		%REC	203102	50	02/17/2015 15:27	TH
Surr: Toluene-d8	99.7	76.5-116		%REC	203201	1	02/13/2015 14:11	MD
PERCENT MOISTURE D2216								
Percent Moisture	27.3	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-003

Client Sample ID: 15041-SB-13-10
Collection Date: 2/10/2015 10:25:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
1,1,2,2-Tetrachloroethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
1,1,2-Trichloroethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
1,1-Dichloroethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
1,1-Dichloroethene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
1,2,4-Trichlorobenzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
1,2-Dibromo-3-chloropropane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
1,2-Dibromoethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
1,2-Dichlorobenzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
1,2-Dichloroethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
1,2-Dichloropropane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
1,3-Dichlorobenzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
1,4-Dichlorobenzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
2-Butanone	BRL	38		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
2-Hexanone	BRL	7.5		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
4-Methyl-2-pentanone	BRL	7.5		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Acetone	BRL	75		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Benzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Bromodichloromethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Bromoform	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Bromomethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Carbon disulfide	BRL	7.5		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Carbon tetrachloride	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Chlorobenzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Chloroethane	BRL	7.5		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Chloroform	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Chloromethane	BRL	7.5		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
cis-1,2-Dichloroethene	11	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
cis-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Cyclohexane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Dibromochloromethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Dichlorodifluoromethane	BRL	7.5		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Ethylbenzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Freon-113	BRL	7.5		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Isopropylbenzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
m,p-Xylene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Methyl acetate	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Methyl tert-butyl ether	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Methylcyclohexane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Methylene chloride	BRL	15		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
o-Xylene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-003

Client Sample ID: 15041-SB-13-10
Collection Date: 2/10/2015 10:25:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Tetrachloroethene	1600	190		ug/Kg-dry	203102	50	02/17/2015 15:52	TH
Toluene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
trans-1,2-Dichloroethene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
trans-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Trichloroethene	4.8	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Trichlorofluoromethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Vinyl chloride	BRL	7.5		ug/Kg-dry	203201	1	02/13/2015 14:35	MD
Surr: 4-Bromofluorobenzene	95.6	70-128		%REC	203102	50	02/17/2015 15:52	TH
Surr: 4-Bromofluorobenzene	91.8	70-128		%REC	203201	1	02/13/2015 14:35	MD
Surr: Dibromofluoromethane	110	78.2-128		%REC	203102	50	02/17/2015 15:52	TH
Surr: Dibromofluoromethane	94.6	78.2-128		%REC	203201	1	02/13/2015 14:35	MD
Surr: Toluene-d8	99.5	76.5-116		%REC	203102	50	02/17/2015 15:52	TH
Surr: Toluene-d8	96.2	76.5-116		%REC	203201	1	02/13/2015 14:35	MD
PERCENT MOISTURE D2216								
Percent Moisture	27.0	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-007

Client Sample ID: 15041-SB-15-2
Collection Date: 2/10/2015 12:18:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
1,1,2,2-Tetrachloroethane	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
1,1,2-Trichloroethane	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
1,1-Dichloroethane	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
1,1-Dichloroethene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
1,2,4-Trichlorobenzene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
1,2-Dibromo-3-chloropropane	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
1,2-Dibromoethane	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
1,2-Dichlorobenzene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
1,2-Dichloroethane	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
1,2-Dichloropropane	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
1,3-Dichlorobenzene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
1,4-Dichlorobenzene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
2-Butanone	BRL	41		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
2-Hexanone	BRL	8.2		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
4-Methyl-2-pentanone	BRL	8.2		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Acetone	BRL	82		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Benzene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Bromodichloromethane	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Bromoform	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Bromomethane	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Carbon disulfide	BRL	8.2		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Carbon tetrachloride	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Chlorobenzene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Chloroethane	BRL	8.2		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Chloroform	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Chloromethane	BRL	8.2		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
cis-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
cis-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Cyclohexane	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Dibromochloromethane	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Dichlorodifluoromethane	BRL	8.2		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Ethylbenzene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Freon-113	BRL	8.2		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Isopropylbenzene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
m,p-Xylene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Methyl acetate	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Methyl tert-butyl ether	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Methylcyclohexane	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Methylene chloride	BRL	16		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
o-Xylene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-007

Client Sample ID: 15041-SB-15-2
Collection Date: 2/10/2015 12:18:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Tetrachloroethene	400	170		ug/Kg-dry	203102	50	02/17/2015 16:16	TH
Toluene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
trans-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
trans-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Trichloroethene	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Trichlorofluoromethane	BRL	4.1		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Vinyl chloride	BRL	8.2		ug/Kg-dry	203201	1	02/13/2015 15:02	MD
Surr: 4-Bromofluorobenzene	99.7	70-128		%REC	203102	50	02/17/2015 16:16	TH
Surr: 4-Bromofluorobenzene	88.9	70-128		%REC	203201	1	02/13/2015 15:02	MD
Surr: Dibromofluoromethane	111	78.2-128		%REC	203102	50	02/17/2015 16:16	TH
Surr: Dibromofluoromethane	97.7	78.2-128		%REC	203201	1	02/13/2015 15:02	MD
Surr: Toluene-d8	99	76.5-116		%REC	203102	50	02/17/2015 16:16	TH
Surr: Toluene-d8	99.2	76.5-116		%REC	203201	1	02/13/2015 15:02	MD

PERCENT MOISTURE D2216

Percent Moisture	20.3	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-008

Client Sample ID: 15041-SB-15-6
Collection Date: 2/10/2015 12:28:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
1,1,2,2-Tetrachloroethane	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
1,1,2-Trichloroethane	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
1,1-Dichloroethane	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
1,1-Dichloroethene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
1,2,4-Trichlorobenzene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
1,2-Dibromo-3-chloropropane	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
1,2-Dibromoethane	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
1,2-Dichlorobenzene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
1,2-Dichloroethane	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
1,2-Dichloropropane	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
1,3-Dichlorobenzene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
1,4-Dichlorobenzene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
2-Butanone	BRL	39		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
2-Hexanone	BRL	7.8		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
4-Methyl-2-pentanone	BRL	7.8		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Acetone	BRL	78		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Benzene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Bromodichloromethane	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Bromoform	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Bromomethane	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Carbon disulfide	BRL	7.8		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Carbon tetrachloride	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Chlorobenzene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Chloroethane	BRL	7.8		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Chloroform	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Chloromethane	BRL	7.8		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
cis-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
cis-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Cyclohexane	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Dibromochloromethane	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Dichlorodifluoromethane	BRL	7.8		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Ethylbenzene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Freon-113	BRL	7.8		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Isopropylbenzene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
m,p-Xylene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Methyl acetate	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Methyl tert-butyl ether	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Methylcyclohexane	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Methylene chloride	BRL	16		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
o-Xylene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-008

Client Sample ID: 15041-SB-15-6
Collection Date: 2/10/2015 12:28:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Tetrachloroethene	370	180		ug/Kg-dry	203102	50	02/17/2015 16:41	TH
Toluene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
trans-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
trans-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Trichloroethene	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Trichlorofluoromethane	BRL	3.9		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Vinyl chloride	BRL	7.8		ug/Kg-dry	203201	1	02/13/2015 15:26	MD
Surr: 4-Bromofluorobenzene	96.9	70-128		%REC	203102	50	02/17/2015 16:41	TH
Surr: 4-Bromofluorobenzene	89.8	70-128		%REC	203201	1	02/13/2015 15:26	MD
Surr: Dibromofluoromethane	112	78.2-128		%REC	203102	50	02/17/2015 16:41	TH
Surr: Dibromofluoromethane	100	78.2-128		%REC	203201	1	02/13/2015 15:26	MD
Surr: Toluene-d8	99.3	76.5-116		%REC	203102	50	02/17/2015 16:41	TH
Surr: Toluene-d8	96.3	76.5-116		%REC	203201	1	02/13/2015 15:26	MD

PERCENT MOISTURE D2216

Percent Moisture	21.6	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-009

Client Sample ID: 15041-SB-15-10
Collection Date: 2/10/2015 12:43:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
1,1,2,2-Tetrachloroethane	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
1,1,2-Trichloroethane	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
1,1-Dichloroethane	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
1,1-Dichloroethene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
1,2,4-Trichlorobenzene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
1,2-Dibromo-3-chloropropane	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
1,2-Dibromoethane	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
1,2-Dichlorobenzene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
1,2-Dichloroethane	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
1,2-Dichloropropane	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
1,3-Dichlorobenzene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
1,4-Dichlorobenzene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
2-Butanone	BRL	44		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
2-Hexanone	BRL	8.9		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
4-Methyl-2-pentanone	BRL	8.9		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Acetone	BRL	89		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Benzene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Bromodichloromethane	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Bromoform	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Bromomethane	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Carbon disulfide	BRL	8.9		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Carbon tetrachloride	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Chlorobenzene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Chloroethane	BRL	8.9		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Chloroform	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Chloromethane	BRL	8.9		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
cis-1,2-Dichloroethene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
cis-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Cyclohexane	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Dibromochloromethane	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Dichlorodifluoromethane	BRL	8.9		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Ethylbenzene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Freon-113	BRL	8.9		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Isopropylbenzene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
m,p-Xylene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Methyl acetate	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Methyl tert-butyl ether	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Methylcyclohexane	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Methylene chloride	BRL	18		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
o-Xylene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-009

Client Sample ID: 15041-SB-15-10
Collection Date: 2/10/2015 12:43:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Tetrachloroethene	1700	200		ug/Kg-dry	203102	50	02/17/2015 17:06	TH
Toluene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
trans-1,2-Dichloroethene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
trans-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Trichloroethene	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Trichlorofluoromethane	BRL	4.4		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Vinyl chloride	BRL	8.9		ug/Kg-dry	203201	1	02/13/2015 15:50	MD
Surr: 4-Bromofluorobenzene	97.2	70-128		%REC	203102	50	02/17/2015 17:06	TH
Surr: 4-Bromofluorobenzene	92.4	70-128		%REC	203201	1	02/13/2015 15:50	MD
Surr: Dibromofluoromethane	111	78.2-128		%REC	203102	50	02/17/2015 17:06	TH
Surr: Dibromofluoromethane	93.5	78.2-128		%REC	203201	1	02/13/2015 15:50	MD
Surr: Toluene-d8	100	76.5-116		%REC	203102	50	02/17/2015 17:06	TH
Surr: Toluene-d8	97.3	76.5-116		%REC	203201	1	02/13/2015 15:50	MD
PERCENT MOISTURE D2216								
Percent Moisture	26.9	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-010

Client Sample ID: 15041-SB-16-2
Collection Date: 2/10/2015 12:53:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
2-Butanone	BRL	34		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
2-Hexanone	BRL	6.8		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
4-Methyl-2-pentanone	BRL	6.8		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Acetone	BRL	68		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Benzene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Bromodichloromethane	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Bromoform	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Bromomethane	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Carbon disulfide	BRL	6.8		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Chlorobenzene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Chloroethane	BRL	6.8		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Chloroform	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Chloromethane	BRL	6.8		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Cyclohexane	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Dibromochloromethane	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Dichlorodifluoromethane	BRL	6.8		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Ethylbenzene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Freon-113	BRL	6.8		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Isopropylbenzene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
m,p-Xylene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Methyl acetate	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Methylcyclohexane	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Methylene chloride	BRL	14		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
o-Xylene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-010

Client Sample ID: 15041-SB-16-2
Collection Date: 2/10/2015 12:53:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Tetrachloroethene	1200	180		ug/Kg-dry	203102	50	02/17/2015 17:31	TH
Toluene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Trichloroethene	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Vinyl chloride	BRL	6.8		ug/Kg-dry	203201	1	02/13/2015 16:14	MD
Surr: 4-Bromofluorobenzene	98.9	70-128		%REC	203102	50	02/17/2015 17:31	TH
Surr: 4-Bromofluorobenzene	89.9	70-128		%REC	203201	1	02/13/2015 16:14	MD
Surr: Dibromofluoromethane	112	78.2-128		%REC	203102	50	02/17/2015 17:31	TH
Surr: Dibromofluoromethane	95.4	78.2-128		%REC	203201	1	02/13/2015 16:14	MD
Surr: Toluene-d8	98.4	76.5-116		%REC	203102	50	02/17/2015 17:31	TH
Surr: Toluene-d8	97.4	76.5-116		%REC	203201	1	02/13/2015 16:14	MD

PERCENT MOISTURE D2216

Percent Moisture	19.2	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-011

Client Sample ID: 15041-SB-16-6
Collection Date: 2/10/2015 1:06:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
1,1,2,2-Tetrachloroethane	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
1,1,2-Trichloroethane	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
1,1-Dichloroethane	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
1,1-Dichloroethene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
1,2,4-Trichlorobenzene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
1,2-Dibromo-3-chloropropane	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
1,2-Dibromoethane	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
1,2-Dichlorobenzene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
1,2-Dichloroethane	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
1,2-Dichloropropane	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
1,3-Dichlorobenzene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
1,4-Dichlorobenzene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
2-Butanone	BRL	40		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
2-Hexanone	BRL	8.1		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
4-Methyl-2-pentanone	BRL	8.1		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Acetone	BRL	81		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Benzene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Bromodichloromethane	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Bromoform	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Bromomethane	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Carbon disulfide	BRL	8.1		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Carbon tetrachloride	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Chlorobenzene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Chloroethane	BRL	8.1		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Chloroform	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Chloromethane	BRL	8.1		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
cis-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Cyclohexane	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Dibromochloromethane	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Dichlorodifluoromethane	BRL	8.1		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Ethylbenzene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Freon-113	BRL	8.1		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Isopropylbenzene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
m,p-Xylene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Methyl acetate	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Methyl tert-butyl ether	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Methylcyclohexane	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Methylene chloride	BRL	16		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
o-Xylene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-011

Client Sample ID: 15041-SB-16-6
Collection Date: 2/10/2015 1:06:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Tetrachloroethene	1900	230		ug/Kg-dry	203102	50	02/17/2015 17:55	TH
Toluene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
trans-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Trichloroethene	4.2	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Trichlorofluoromethane	BRL	4.0		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Vinyl chloride	BRL	8.1		ug/Kg-dry	203201	1	02/13/2015 17:52	MD
Surr: 4-Bromofluorobenzene	97.1	70-128		%REC	203102	50	02/17/2015 17:55	TH
Surr: 4-Bromofluorobenzene	89.4	70-128		%REC	203201	1	02/13/2015 17:52	MD
Surr: Dibromofluoromethane	113	78.2-128		%REC	203102	50	02/17/2015 17:55	TH
Surr: Dibromofluoromethane	97.8	78.2-128		%REC	203201	1	02/13/2015 17:52	MD
Surr: Toluene-d8	99.5	76.5-116		%REC	203102	50	02/17/2015 17:55	TH
Surr: Toluene-d8	96	76.5-116		%REC	203201	1	02/13/2015 17:52	MD
PERCENT MOISTURE D2216								
Percent Moisture	28.4	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-012

Client Sample ID: 15041-SB-16-10
Collection Date: 2/10/2015 1:18:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
1,1,2,2-Tetrachloroethane	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
1,1,2-Trichloroethane	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
1,1-Dichloroethane	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
1,1-Dichloroethene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
1,2,4-Trichlorobenzene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
1,2-Dibromo-3-chloropropane	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
1,2-Dibromoethane	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
1,2-Dichlorobenzene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
1,2-Dichloroethane	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
1,2-Dichloropropane	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
1,3-Dichlorobenzene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
1,4-Dichlorobenzene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
2-Butanone	BRL	42		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
2-Hexanone	BRL	8.4		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
4-Methyl-2-pentanone	BRL	8.4		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Acetone	BRL	84		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Benzene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Bromodichloromethane	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Bromoform	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Bromomethane	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Carbon disulfide	BRL	8.4		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Carbon tetrachloride	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Chlorobenzene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Chloroethane	BRL	8.4		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Chloroform	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Chloromethane	BRL	8.4		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
cis-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
cis-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Cyclohexane	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Dibromochloromethane	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Dichlorodifluoromethane	BRL	8.4		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Ethylbenzene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Freon-113	BRL	8.4		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Isopropylbenzene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
m,p-Xylene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Methyl acetate	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Methyl tert-butyl ether	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Methylcyclohexane	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Methylene chloride	BRL	17		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
o-Xylene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-012

Client Sample ID: 15041-SB-16-10
Collection Date: 2/10/2015 1:18:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Tetrachloroethene	4800	210		ug/Kg-dry	203102	50	02/17/2015 18:20	TH
Toluene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
trans-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
trans-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Trichloroethene	5.8	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Trichlorofluoromethane	BRL	4.2		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Vinyl chloride	BRL	8.4		ug/Kg-dry	203201	1	02/13/2015 18:15	MD
Surr: 4-Bromofluorobenzene	97	70-128		%REC	203102	50	02/17/2015 18:20	TH
Surr: 4-Bromofluorobenzene	91.4	70-128		%REC	203201	1	02/13/2015 18:15	MD
Surr: Dibromofluoromethane	111	78.2-128		%REC	203102	50	02/17/2015 18:20	TH
Surr: Dibromofluoromethane	95.1	78.2-128		%REC	203201	1	02/13/2015 18:15	MD
Surr: Toluene-d8	100	76.5-116		%REC	203102	50	02/17/2015 18:20	TH
Surr: Toluene-d8	97	76.5-116		%REC	203201	1	02/13/2015 18:15	MD

PERCENT MOISTURE D2216

Percent Moisture	27.7	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-013

Client Sample ID: 15041-SB-20-2
Collection Date: 2/10/2015 1:43:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
2-Butanone	BRL	33		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
2-Hexanone	BRL	6.6		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
4-Methyl-2-pentanone	BRL	6.6		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Acetone	BRL	66		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Benzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Bromodichloromethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Bromoform	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Bromomethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Carbon disulfide	BRL	6.6		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Chlorobenzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Chloroethane	BRL	6.6		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Chloroform	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Chloromethane	BRL	6.6		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
cis-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Cyclohexane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Dibromochloromethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Dichlorodifluoromethane	BRL	6.6		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Ethylbenzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Freon-113	BRL	6.6		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Isopropylbenzene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
m,p-Xylene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Methyl acetate	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Methylcyclohexane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Methylene chloride	BRL	13		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
o-Xylene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-013

Client Sample ID: 15041-SB-20-2
Collection Date: 2/10/2015 1:43:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Tetrachloroethene	1200	140		ug/Kg-dry	203102	50	02/17/2015 18:44	TH
Toluene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Trichloroethene	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Vinyl chloride	BRL	6.6		ug/Kg-dry	203201	1	02/13/2015 16:40	MD
Surr: 4-Bromofluorobenzene	97	70-128		%REC	203102	50	02/17/2015 18:44	TH
Surr: 4-Bromofluorobenzene	89.5	70-128		%REC	203201	1	02/13/2015 16:40	MD
Surr: Dibromofluoromethane	113	78.2-128		%REC	203102	50	02/17/2015 18:44	TH
Surr: Dibromofluoromethane	99.1	78.2-128		%REC	203201	1	02/13/2015 16:40	MD
Surr: Toluene-d8	99.2	76.5-116		%REC	203102	50	02/17/2015 18:44	TH
Surr: Toluene-d8	98.9	76.5-116		%REC	203201	1	02/13/2015 16:40	MD

PERCENT MOISTURE D2216

Percent Moisture	17.9	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-014

Client Sample ID: 15041-SB-20-6
Collection Date: 2/10/2015 1:52:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
1,1,2,2-Tetrachloroethane	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
1,1,2-Trichloroethane	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
1,1-Dichloroethane	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
1,1-Dichloroethene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
1,2,4-Trichlorobenzene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
1,2-Dibromo-3-chloropropane	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
1,2-Dibromoethane	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
1,2-Dichlorobenzene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
1,2-Dichloroethane	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
1,2-Dichloropropane	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
1,3-Dichlorobenzene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
1,4-Dichlorobenzene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
2-Butanone	BRL	32		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
2-Hexanone	BRL	6.3		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
4-Methyl-2-pentanone	BRL	6.3		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Acetone	BRL	63		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Benzene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Bromodichloromethane	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Bromoform	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Bromomethane	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Carbon disulfide	BRL	6.3		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Carbon tetrachloride	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Chlorobenzene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Chloroethane	BRL	6.3		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Chloroform	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Chloromethane	BRL	6.3		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
cis-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
cis-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Cyclohexane	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Dibromochloromethane	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Dichlorodifluoromethane	BRL	6.3		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Ethylbenzene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Freon-113	BRL	6.3		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Isopropylbenzene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
m,p-Xylene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Methyl acetate	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Methyl tert-butyl ether	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Methylcyclohexane	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Methylene chloride	BRL	13		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
o-Xylene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-014

Client Sample ID: 15041-SB-20-6
Collection Date: 2/10/2015 1:52:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Tetrachloroethene	4400	160		ug/Kg-dry	203102	50	02/17/2015 19:09	TH
Toluene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
trans-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
trans-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Trichloroethene	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Trichlorofluoromethane	BRL	3.2		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Vinyl chloride	BRL	6.3		ug/Kg-dry	203201	1	02/13/2015 17:04	MD
Surr: 4-Bromofluorobenzene	99.4	70-128		%REC	203102	50	02/17/2015 19:09	TH
Surr: 4-Bromofluorobenzene	92.5	70-128		%REC	203201	1	02/13/2015 17:04	MD
Surr: Dibromofluoromethane	113	78.2-128		%REC	203102	50	02/17/2015 19:09	TH
Surr: Dibromofluoromethane	99.5	78.2-128		%REC	203201	1	02/13/2015 17:04	MD
Surr: Toluene-d8	100	76.5-116		%REC	203102	50	02/17/2015 19:09	TH
Surr: Toluene-d8	99.7	76.5-116		%REC	203201	1	02/13/2015 17:04	MD

PERCENT MOISTURE D2216

Percent Moisture	21.4	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-015

Client Sample ID: 15041-SB-20-10
Collection Date: 2/10/2015 1:57:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
1,1,2,2-Tetrachloroethane	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
1,1,2-Trichloroethane	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
1,1-Dichloroethane	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
1,1-Dichloroethene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
1,2,4-Trichlorobenzene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
1,2-Dibromo-3-chloropropane	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
1,2-Dibromoethane	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
1,2-Dichlorobenzene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
1,2-Dichloroethane	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
1,2-Dichloropropane	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
1,3-Dichlorobenzene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
1,4-Dichlorobenzene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
2-Butanone	BRL	36		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
2-Hexanone	BRL	7.1		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
4-Methyl-2-pentanone	BRL	7.1		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Acetone	BRL	71		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Benzene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Bromodichloromethane	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Bromoform	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Bromomethane	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Carbon disulfide	BRL	7.1		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Carbon tetrachloride	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Chlorobenzene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Chloroethane	BRL	7.1		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Chloroform	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Chloromethane	BRL	7.1		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
cis-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
cis-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Cyclohexane	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Dibromochloromethane	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Dichlorodifluoromethane	BRL	7.1		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Ethylbenzene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Freon-113	BRL	7.1		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Isopropylbenzene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
m,p-Xylene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Methyl acetate	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Methyl tert-butyl ether	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Methylcyclohexane	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Methylene chloride	BRL	14		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
o-Xylene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-015

Client Sample ID: 15041-SB-20-10
Collection Date: 2/10/2015 1:57:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Tetrachloroethene	1800	180		ug/Kg-dry	203102	50	02/17/2015 19:33	TH
Toluene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
trans-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
trans-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Trichloroethene	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Trichlorofluoromethane	BRL	3.6		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Vinyl chloride	BRL	7.1		ug/Kg-dry	203201	1	02/13/2015 17:28	MD
Surr: 4-Bromofluorobenzene	91.8	70-128		%REC	203201	1	02/13/2015 17:28	MD
Surr: 4-Bromofluorobenzene	98	70-128		%REC	203102	50	02/17/2015 19:33	TH
Surr: Dibromofluoromethane	112	78.2-128		%REC	203102	50	02/17/2015 19:33	TH
Surr: Dibromofluoromethane	97.8	78.2-128		%REC	203201	1	02/13/2015 17:28	MD
Surr: Toluene-d8	98.8	76.5-116		%REC	203102	50	02/17/2015 19:33	TH
Surr: Toluene-d8	96.4	76.5-116		%REC	203201	1	02/13/2015 17:28	MD

PERCENT MOISTURE D2216

Percent Moisture	29.5	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-019

Client Sample ID: 15041-SB-18-2
Collection Date: 2/10/2015 2:45:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
1,1,2,2-Tetrachloroethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
1,1,2-Trichloroethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
1,1-Dichloroethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
1,1-Dichloroethene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
1,2,4-Trichlorobenzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
1,2-Dibromo-3-chloropropane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
1,2-Dibromoethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
1,2-Dichlorobenzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
1,2-Dichloroethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
1,2-Dichloropropane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
1,3-Dichlorobenzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
1,4-Dichlorobenzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
2-Butanone	BRL	38		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
2-Hexanone	BRL	7.6		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
4-Methyl-2-pentanone	BRL	7.6		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Acetone	BRL	76		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Benzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Bromodichloromethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Bromoform	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Bromomethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Carbon disulfide	BRL	7.6		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Carbon tetrachloride	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Chlorobenzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Chloroethane	BRL	7.6		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Chloroform	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Chloromethane	BRL	7.6		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
cis-1,2-Dichloroethene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
cis-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Cyclohexane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Dibromochloromethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Dichlorodifluoromethane	BRL	7.6		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Ethylbenzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Freon-113	BRL	7.6		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Isopropylbenzene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
m,p-Xylene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Methyl acetate	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Methyl tert-butyl ether	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Methylcyclohexane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Methylene chloride	BRL	15		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
o-Xylene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-019

Client Sample ID: 15041-SB-18-2
Collection Date: 2/10/2015 2:45:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Tetrachloroethene	3600	150		ug/Kg-dry	203102	50	02/17/2015 19:58	TH
Toluene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
trans-1,2-Dichloroethene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
trans-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Trichloroethene	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Trichlorofluoromethane	BRL	3.8		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Vinyl chloride	BRL	7.6		ug/Kg-dry	203201	1	02/13/2015 18:39	MD
Surr: 4-Bromofluorobenzene	97	70-128		%REC	203102	50	02/17/2015 19:58	TH
Surr: 4-Bromofluorobenzene	93	70-128		%REC	203201	1	02/13/2015 18:39	MD
Surr: Dibromofluoromethane	112	78.2-128		%REC	203102	50	02/17/2015 19:58	TH
Surr: Dibromofluoromethane	95.4	78.2-128		%REC	203201	1	02/13/2015 18:39	MD
Surr: Toluene-d8	98.5	76.5-116		%REC	203102	50	02/17/2015 19:58	TH
Surr: Toluene-d8	96.7	76.5-116		%REC	203201	1	02/13/2015 18:39	MD

PERCENT MOISTURE D2216

Percent Moisture	13.8	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-020

Client Sample ID: 15041-SB-18-8
Collection Date: 2/10/2015 2:51:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
1,1,2,2-Tetrachloroethane	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
1,1,2-Trichloroethane	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
1,1-Dichloroethane	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
1,1-Dichloroethene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
1,2,4-Trichlorobenzene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
1,2-Dibromo-3-chloropropane	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
1,2-Dibromoethane	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
1,2-Dichlorobenzene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
1,2-Dichloroethane	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
1,2-Dichloropropane	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
1,3-Dichlorobenzene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
1,4-Dichlorobenzene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
2-Butanone	BRL	38		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
2-Hexanone	BRL	7.5		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
4-Methyl-2-pentanone	BRL	7.5		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Acetone	BRL	75		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Benzene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Bromodichloromethane	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Bromoform	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Bromomethane	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Carbon disulfide	BRL	7.5		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Carbon tetrachloride	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Chlorobenzene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Chloroethane	BRL	7.5		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Chloroform	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Chloromethane	BRL	7.5		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
cis-1,2-Dichloroethene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
cis-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Cyclohexane	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Dibromochloromethane	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Dichlorodifluoromethane	BRL	7.5		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Ethylbenzene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Freon-113	BRL	7.5		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Isopropylbenzene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
m,p-Xylene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Methyl acetate	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Methyl tert-butyl ether	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Methylcyclohexane	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Methylene chloride	BRL	15		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
o-Xylene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-020

Client Sample ID: 15041-SB-18-8
Collection Date: 2/10/2015 2:51:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Tetrachloroethene	7000	190		ug/Kg-dry	203016	50	02/17/2015 15:38	NP
Toluene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
trans-1,2-Dichloroethene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
trans-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Trichloroethene	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Trichlorofluoromethane	BRL	3.8		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Vinyl chloride	BRL	7.5		ug/Kg-dry	203016	1	02/18/2015 19:12	MD
Surr: 4-Bromofluorobenzene	93	70-128		%REC	203016	50	02/17/2015 15:38	NP
Surr: 4-Bromofluorobenzene	94.5	70-128		%REC	203016	1	02/18/2015 19:12	MD
Surr: Dibromofluoromethane	92.5	78.2-128		%REC	203016	50	02/17/2015 15:38	NP
Surr: Dibromofluoromethane	97.4	78.2-128		%REC	203016	1	02/18/2015 19:12	MD
Surr: Toluene-d8	94.9	76.5-116		%REC	203016	50	02/17/2015 15:38	NP
Surr: Toluene-d8	95.8	76.5-116		%REC	203016	1	02/18/2015 19:12	MD
PERCENT MOISTURE D2216								
Percent Moisture	32.4	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-021

Client Sample ID: 15041-SB-18-10
Collection Date: 2/10/2015 2:57:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
2-Butanone	BRL	33		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
2-Hexanone	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
4-Methyl-2-pentanone	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Acetone	BRL	67		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Benzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Bromodichloromethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Bromoform	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Bromomethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Carbon disulfide	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Chlorobenzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Chloroethane	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Chloroform	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Chloromethane	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
cis-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Cyclohexane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Dibromochloromethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Dichlorodifluoromethane	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Ethylbenzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Freon-113	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Isopropylbenzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
m,p-Xylene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Methyl acetate	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Methylcyclohexane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Methylene chloride	BRL	13		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
o-Xylene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-021

Client Sample ID: 15041-SB-18-10
Collection Date: 2/10/2015 2:57:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Tetrachloroethene	65	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Toluene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Trichloroethene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Vinyl chloride	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 20:24	MD
Surr: 4-Bromofluorobenzene	94.1	70-128		%REC	203016	1	02/18/2015 20:24	MD
Surr: Dibromofluoromethane	101	78.2-128		%REC	203016	1	02/18/2015 20:24	MD
Surr: Toluene-d8	97.9	76.5-116		%REC	203016	1	02/18/2015 20:24	MD
PERCENT MOISTURE D2216								
Percent Moisture	15.9	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-025

Client Sample ID: 15041-SB-25-2
Collection Date: 2/10/2015 3:52:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
1,1,2,2-Tetrachloroethane	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
1,1,2-Trichloroethane	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
1,1-Dichloroethane	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
1,1-Dichloroethene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
1,2,4-Trichlorobenzene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
1,2-Dibromo-3-chloropropane	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
1,2-Dibromoethane	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
1,2-Dichlorobenzene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
1,2-Dichloroethane	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
1,2-Dichloropropane	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
1,3-Dichlorobenzene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
1,4-Dichlorobenzene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
2-Butanone	BRL	28		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
2-Hexanone	BRL	5.6		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
4-Methyl-2-pentanone	BRL	5.6		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Acetone	BRL	56		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Benzene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Bromodichloromethane	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Bromoform	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Bromomethane	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Carbon disulfide	BRL	5.6		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Carbon tetrachloride	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Chlorobenzene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Chloroethane	BRL	5.6		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Chloroform	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Chloromethane	BRL	5.6		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
cis-1,2-Dichloroethene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
cis-1,3-Dichloropropene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Cyclohexane	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Dibromochloromethane	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Dichlorodifluoromethane	BRL	5.6		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Ethylbenzene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Freon-113	BRL	5.6		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Isopropylbenzene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
m,p-Xylene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Methyl acetate	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Methyl tert-butyl ether	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Methylcyclohexane	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Methylene chloride	BRL	11		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
o-Xylene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-025

Client Sample ID: 15041-SB-25-2
Collection Date: 2/10/2015 3:52:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Tetrachloroethene	4700	140		ug/Kg-dry	203016	50	02/17/2015 16:28	NP
Toluene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
trans-1,2-Dichloroethene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
trans-1,3-Dichloropropene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Trichloroethene	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Trichlorofluoromethane	BRL	2.8		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Vinyl chloride	BRL	5.6		ug/Kg-dry	203016	1	02/18/2015 19:36	MD
Surr: 4-Bromofluorobenzene	90.4	70-128		%REC	203016	50	02/17/2015 16:28	NP
Surr: 4-Bromofluorobenzene	91.7	70-128		%REC	203016	1	02/18/2015 19:36	MD
Surr: Dibromofluoromethane	92.5	78.2-128		%REC	203016	50	02/17/2015 16:28	NP
Surr: Dibromofluoromethane	100	78.2-128		%REC	203016	1	02/18/2015 19:36	MD
Surr: Toluene-d8	96.7	76.5-116		%REC	203016	50	02/17/2015 16:28	NP
Surr: Toluene-d8	97.5	76.5-116		%REC	203016	1	02/18/2015 19:36	MD

PERCENT MOISTURE D2216

Percent Moisture	14.6	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-026

Client Sample ID: 15041-SB-25-6
Collection Date: 2/10/2015 3:57:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
1,1,2,2-Tetrachloroethane	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
1,1,2-Trichloroethane	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
1,1-Dichloroethane	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
1,1-Dichloroethene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
1,2,4-Trichlorobenzene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
1,2-Dibromo-3-chloropropane	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
1,2-Dibromoethane	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
1,2-Dichlorobenzene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
1,2-Dichloroethane	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
1,2-Dichloropropane	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
1,3-Dichlorobenzene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
1,4-Dichlorobenzene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
2-Butanone	BRL	36		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
2-Hexanone	BRL	7.1		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
4-Methyl-2-pentanone	BRL	7.1		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Acetone	BRL	71		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Benzene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Bromodichloromethane	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Bromoform	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Bromomethane	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Carbon disulfide	BRL	7.1		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Carbon tetrachloride	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Chlorobenzene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Chloroethane	BRL	7.1		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Chloroform	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Chloromethane	BRL	7.1		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
cis-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
cis-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Cyclohexane	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Dibromochloromethane	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Dichlorodifluoromethane	BRL	7.1		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Ethylbenzene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Freon-113	BRL	7.1		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Isopropylbenzene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
m,p-Xylene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Methyl acetate	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Methyl tert-butyl ether	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Methylcyclohexane	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Methylene chloride	BRL	14		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
o-Xylene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-026

Client Sample ID: 15041-SB-25-6
Collection Date: 2/10/2015 3:57:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Tetrachloroethene	680	180		ug/Kg-dry	203016	50	02/17/2015 16:53	NP
Toluene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
trans-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
trans-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Trichloroethene	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Trichlorofluoromethane	BRL	3.6		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Vinyl chloride	BRL	7.1		ug/Kg-dry	203016	1	02/18/2015 20:00	MD
Surr: 4-Bromofluorobenzene	96.9	70-128		%REC	203016	50	02/17/2015 16:53	NP
Surr: 4-Bromofluorobenzene	98.6	70-128		%REC	203016	1	02/18/2015 20:00	MD
Surr: Dibromofluoromethane	92.5	78.2-128		%REC	203016	50	02/17/2015 16:53	NP
Surr: Dibromofluoromethane	98.6	78.2-128		%REC	203016	1	02/18/2015 20:00	MD
Surr: Toluene-d8	94.4	76.5-116		%REC	203016	50	02/17/2015 16:53	NP
Surr: Toluene-d8	99.2	76.5-116		%REC	203016	1	02/18/2015 20:00	MD
PERCENT MOISTURE D2216								
Percent Moisture	22.0	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-027

Client Sample ID: 15041-SB-25-12
Collection Date: 2/10/2015 4:04:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
1,1,2,2-Tetrachloroethane	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
1,1,2-Trichloroethane	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
1,1-Dichloroethane	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
1,1-Dichloroethene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
1,2,4-Trichlorobenzene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
1,2-Dibromo-3-chloropropane	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
1,2-Dibromoethane	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
1,2-Dichlorobenzene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
1,2-Dichloroethane	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
1,2-Dichloropropane	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
1,3-Dichlorobenzene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
1,4-Dichlorobenzene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
2-Butanone	BRL	40		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
2-Hexanone	BRL	8.1		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
4-Methyl-2-pentanone	BRL	8.1		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Acetone	BRL	81		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Benzene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Bromodichloromethane	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Bromoform	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Bromomethane	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Carbon disulfide	BRL	8.1		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Carbon tetrachloride	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Chlorobenzene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Chloroethane	BRL	8.1		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Chloroform	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Chloromethane	BRL	8.1		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
cis-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Cyclohexane	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Dibromochloromethane	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Dichlorodifluoromethane	BRL	8.1		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Ethylbenzene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Freon-113	BRL	8.1		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Isopropylbenzene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
m,p-Xylene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Methyl acetate	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Methyl tert-butyl ether	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Methylcyclohexane	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Methylene chloride	BRL	16		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
o-Xylene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-027

Client Sample ID: 15041-SB-25-12
Collection Date: 2/10/2015 4:04:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Tetrachloroethene	82	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Toluene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
trans-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Trichloroethene	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Trichlorofluoromethane	BRL	4.0		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Vinyl chloride	BRL	8.1		ug/Kg-dry	203016	1	02/18/2015 20:48	MD
Surr: 4-Bromofluorobenzene	96.9	70-128		%REC	203016	1	02/18/2015 20:48	MD
Surr: Dibromofluoromethane	96.9	78.2-128		%REC	203016	1	02/18/2015 20:48	MD
Surr: Toluene-d8	96.2	76.5-116		%REC	203016	1	02/18/2015 20:48	MD
PERCENT MOISTURE D2216								
Percent Moisture	23.3	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-028

Client Sample ID: 15042-SB-21-5
Collection Date: 2/11/2015 9:16:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
2-Butanone	BRL	34		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
2-Hexanone	BRL	6.9		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
4-Methyl-2-pentanone	BRL	6.9		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Acetone	BRL	69		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Benzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Bromodichloromethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Bromoform	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Bromomethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Carbon disulfide	BRL	6.9		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Chlorobenzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Chloroethane	BRL	6.9		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Chloroform	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Chloromethane	BRL	6.9		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Cyclohexane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Dibromochloromethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Dichlorodifluoromethane	BRL	6.9		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Ethylbenzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Freon-113	BRL	6.9		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Isopropylbenzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
m,p-Xylene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Methyl acetate	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Methylcyclohexane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Methylene chloride	BRL	14		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
o-Xylene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-028

Client Sample ID: 15042-SB-21-5
Collection Date: 2/11/2015 9:16:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Tetrachloroethene	93	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Toluene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Trichloroethene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Vinyl chloride	BRL	6.9		ug/Kg-dry	203016	1	02/18/2015 21:12	MD
Surr: 4-Bromofluorobenzene	94.4	70-128		%REC	203016	1	02/18/2015 21:12	MD
Surr: Dibromofluoromethane	98.8	78.2-128		%REC	203016	1	02/18/2015 21:12	MD
Surr: Toluene-d8	97.6	76.5-116		%REC	203016	1	02/18/2015 21:12	MD
PERCENT MOISTURE D2216								
Percent Moisture	27.0	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-029

Client Sample ID: 15042-DUP
Collection Date: 2/11/2015
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
2-Butanone	BRL	33		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
2-Hexanone	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
4-Methyl-2-pentanone	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Acetone	BRL	67		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Benzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Bromodichloromethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Bromoform	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Bromomethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Carbon disulfide	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Chlorobenzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Chloroethane	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Chloroform	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Chloromethane	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
cis-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Cyclohexane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Dibromochloromethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Dichlorodifluoromethane	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Ethylbenzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Freon-113	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Isopropylbenzene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
m,p-Xylene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Methyl acetate	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Methylcyclohexane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Methylene chloride	BRL	13		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
o-Xylene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-029

Client Sample ID: 15042-DUP
Collection Date: 2/11/2015
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Tetrachloroethene	100	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Toluene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Trichloroethene	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Vinyl chloride	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 21:36	MD
Surr: 4-Bromofluorobenzene	92.3	70-128		%REC	203016	1	02/18/2015 21:36	MD
Surr: Dibromofluoromethane	103	78.2-128		%REC	203016	1	02/18/2015 21:36	MD
Surr: Toluene-d8	97.6	76.5-116		%REC	203016	1	02/18/2015 21:36	MD
PERCENT MOISTURE D2216								
Percent Moisture	29.2	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-030

Client Sample ID: 15042-SB-22-5
Collection Date: 2/11/2015 9:47:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
2-Butanone	BRL	34		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
2-Hexanone	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
4-Methyl-2-pentanone	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Acetone	BRL	67		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Benzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Bromodichloromethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Bromoform	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Bromomethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Carbon disulfide	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Chlorobenzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Chloroethane	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Chloroform	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Chloromethane	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Cyclohexane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Dibromochloromethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Dichlorodifluoromethane	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Ethylbenzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Freon-113	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Isopropylbenzene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
m,p-Xylene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Methyl acetate	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Methylcyclohexane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Methylene chloride	BRL	13		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
o-Xylene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-030

Client Sample ID: 15042-SB-22-5
Collection Date: 2/11/2015 9:47:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Tetrachloroethene	92	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Toluene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Trichloroethene	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Vinyl chloride	BRL	6.7		ug/Kg-dry	203016	1	02/18/2015 22:00	MD
Surr: 4-Bromofluorobenzene	89.1	70-128		%REC	203016	1	02/18/2015 22:00	MD
Surr: Dibromofluoromethane	103	78.2-128		%REC	203016	1	02/18/2015 22:00	MD
Surr: Toluene-d8	97.2	76.5-116		%REC	203016	1	02/18/2015 22:00	MD
PERCENT MOISTURE D2216								
Percent Moisture	26.8	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-031

Client Sample ID: 15042-SB-23-5
Collection Date: 2/11/2015 10:08:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
1,1,2,2-Tetrachloroethane	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
1,1,2-Trichloroethane	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
1,1-Dichloroethane	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
1,1-Dichloroethene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
1,2,4-Trichlorobenzene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
1,2-Dibromo-3-chloropropane	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
1,2-Dibromoethane	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
1,2-Dichlorobenzene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
1,2-Dichloroethane	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
1,2-Dichloropropane	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
1,3-Dichlorobenzene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
1,4-Dichlorobenzene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
2-Butanone	BRL	32		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
2-Hexanone	BRL	6.3		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
4-Methyl-2-pentanone	BRL	6.3		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Acetone	BRL	63		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Benzene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Bromodichloromethane	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Bromoform	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Bromomethane	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Carbon disulfide	BRL	6.3		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Carbon tetrachloride	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Chlorobenzene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Chloroethane	BRL	6.3		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Chloroform	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Chloromethane	BRL	6.3		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
cis-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
cis-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Cyclohexane	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Dibromochloromethane	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Dichlorodifluoromethane	BRL	6.3		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Ethylbenzene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Freon-113	BRL	6.3		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Isopropylbenzene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
m,p-Xylene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Methyl acetate	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Methyl tert-butyl ether	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Methylcyclohexane	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Methylene chloride	BRL	13		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
o-Xylene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-031

Client Sample ID: 15042-SB-23-5
Collection Date: 2/11/2015 10:08:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Tetrachloroethene	8.6	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Toluene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
trans-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
trans-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Trichloroethene	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Trichlorofluoromethane	BRL	3.2		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Vinyl chloride	BRL	6.3		ug/Kg-dry	203016	1	02/18/2015 22:23	MD
Surr: 4-Bromofluorobenzene	90.5	70-128		%REC	203016	1	02/18/2015 22:23	MD
Surr: Dibromofluoromethane	100	78.2-128		%REC	203016	1	02/18/2015 22:23	MD
Surr: Toluene-d8	98.6	76.5-116		%REC	203016	1	02/18/2015 22:23	MD
PERCENT MOISTURE D2216								
Percent Moisture	26.8	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-032

Client Sample ID: 15042-SB-24-2
Collection Date: 2/11/2015 10:21:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
1,1,2,2-Tetrachloroethane	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
1,1,2-Trichloroethane	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
1,1-Dichloroethane	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
1,1-Dichloroethene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
1,2,4-Trichlorobenzene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
1,2-Dibromo-3-chloropropane	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
1,2-Dibromoethane	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
1,2-Dichlorobenzene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
1,2-Dichloroethane	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
1,2-Dichloropropane	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
1,3-Dichlorobenzene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
1,4-Dichlorobenzene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
2-Butanone	BRL	30		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
2-Hexanone	BRL	6.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
4-Methyl-2-pentanone	BRL	6.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Acetone	BRL	60		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Benzene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Bromodichloromethane	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Bromoform	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Bromomethane	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Carbon disulfide	BRL	6.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Carbon tetrachloride	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Chlorobenzene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Chloroethane	BRL	6.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Chloroform	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Chloromethane	BRL	6.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
cis-1,2-Dichloroethene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
cis-1,3-Dichloropropene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Cyclohexane	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Dibromochloromethane	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Dichlorodifluoromethane	BRL	6.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Ethylbenzene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Freon-113	BRL	6.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Isopropylbenzene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
m,p-Xylene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Methyl acetate	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Methyl tert-butyl ether	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Methylcyclohexane	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Methylene chloride	BRL	12		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
o-Xylene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-032

Client Sample ID: 15042-SB-24-2
Collection Date: 2/11/2015 10:21:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Tetrachloroethene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Toluene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
trans-1,2-Dichloroethene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
trans-1,3-Dichloropropene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Trichloroethene	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Trichlorofluoromethane	BRL	3.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Vinyl chloride	BRL	6.0		ug/Kg-dry	203308	1	02/19/2015 11:25	MD
Surr: 4-Bromofluorobenzene	96.5	70-128		%REC	203308	1	02/19/2015 11:25	MD
Surr: Dibromofluoromethane	99.2	78.2-128		%REC	203308	1	02/19/2015 11:25	MD
Surr: Toluene-d8	95	76.5-116		%REC	203308	1	02/19/2015 11:25	MD
PERCENT MOISTURE D2216								
Percent Moisture	13.6	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-033

Client Sample ID: 15042-SB-24-5
Collection Date: 2/11/2015 10:24:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
2-Butanone	BRL	34		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
2-Hexanone	BRL	6.7		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
4-Methyl-2-pentanone	BRL	6.7		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Acetone	BRL	67		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Benzene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Bromodichloromethane	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Bromoform	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Bromomethane	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Carbon disulfide	BRL	6.7		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Chlorobenzene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Chloroethane	BRL	6.7		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Chloroform	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Chloromethane	BRL	6.7		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Cyclohexane	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Dibromochloromethane	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Dichlorodifluoromethane	BRL	6.7		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Ethylbenzene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Freon-113	BRL	6.7		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Isopropylbenzene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
m,p-Xylene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Methyl acetate	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Methylcyclohexane	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Methylene chloride	BRL	13		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
o-Xylene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-033

Client Sample ID: 15042-SB-24-5
Collection Date: 2/11/2015 10:24:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Tetrachloroethene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Toluene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Trichloroethene	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Vinyl chloride	BRL	6.7		ug/Kg-dry	203384	1	02/18/2015 23:11	MD
Surr: 4-Bromofluorobenzene	100	70-128		%REC	203384	1	02/18/2015 23:11	MD
Surr: Dibromofluoromethane	107	78.2-128		%REC	203384	1	02/18/2015 23:11	MD
Surr: Toluene-d8	102	76.5-116		%REC	203384	1	02/18/2015 23:11	MD
PERCENT MOISTURE D2216								
Percent Moisture	13.9	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-034

Client Sample ID: 15042-SB-26-2
Collection Date: 2/11/2015 1:21:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
1,1,2,2-Tetrachloroethane	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
1,1,2-Trichloroethane	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
1,1-Dichloroethane	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
1,1-Dichloroethene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
1,2,4-Trichlorobenzene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
1,2-Dibromo-3-chloropropane	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
1,2-Dibromoethane	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
1,2-Dichlorobenzene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
1,2-Dichloroethane	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
1,2-Dichloropropane	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
1,3-Dichlorobenzene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
1,4-Dichlorobenzene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
2-Butanone	BRL	25		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
2-Hexanone	BRL	5.0		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
4-Methyl-2-pentanone	BRL	5.0		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Acetone	BRL	50		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Benzene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Bromodichloromethane	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Bromoform	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Bromomethane	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Carbon disulfide	BRL	5.0		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Carbon tetrachloride	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Chlorobenzene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Chloroethane	BRL	5.0		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Chloroform	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Chloromethane	BRL	5.0		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
cis-1,2-Dichloroethene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
cis-1,3-Dichloropropene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Cyclohexane	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Dibromochloromethane	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Dichlorodifluoromethane	BRL	5.0		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Ethylbenzene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Freon-113	BRL	5.0		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Isopropylbenzene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
m,p-Xylene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Methyl acetate	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Methyl tert-butyl ether	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Methylcyclohexane	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Methylene chloride	BRL	10		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
o-Xylene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-034

Client Sample ID: 15042-SB-26-2
Collection Date: 2/11/2015 1:21:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Tetrachloroethene	370	130		ug/Kg-dry	203016	50	02/18/2015 10:44	TH
Toluene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
trans-1,2-Dichloroethene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
trans-1,3-Dichloropropene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Trichloroethene	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Trichlorofluoromethane	BRL	2.5		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Vinyl chloride	BRL	5.0		ug/Kg-dry	203384	1	02/18/2015 23:36	MD
Surr: 4-Bromofluorobenzene	97.8	70-128		%REC	203016	50	02/18/2015 10:44	TH
Surr: 4-Bromofluorobenzene	88.6	70-128		%REC	203384	1	02/18/2015 23:36	MD
Surr: Dibromofluoromethane	112	78.2-128		%REC	203016	50	02/18/2015 10:44	TH
Surr: Dibromofluoromethane	101	78.2-128		%REC	203384	1	02/18/2015 23:36	MD
Surr: Toluene-d8	98.7	76.5-116		%REC	203016	50	02/18/2015 10:44	TH
Surr: Toluene-d8	99.3	76.5-116		%REC	203384	1	02/18/2015 23:36	MD

PERCENT MOISTURE D2216

Percent Moisture	14.7	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-035

Client Sample ID: 15042-SB-26-6
Collection Date: 2/11/2015 1:27:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
2-Butanone	BRL	34		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
2-Hexanone	BRL	6.8		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
4-Methyl-2-pentanone	BRL	6.8		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Acetone	BRL	68		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Benzene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Bromodichloromethane	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Bromoform	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Bromomethane	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Carbon disulfide	BRL	6.8		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Chlorobenzene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Chloroethane	BRL	6.8		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Chloroform	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Chloromethane	BRL	6.8		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Cyclohexane	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Dibromochloromethane	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Dichlorodifluoromethane	BRL	6.8		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Ethylbenzene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Freon-113	BRL	6.8		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Isopropylbenzene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
m,p-Xylene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Methyl acetate	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Methylcyclohexane	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Methylene chloride	BRL	14		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
o-Xylene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-035

Client Sample ID: 15042-SB-26-6
Collection Date: 2/11/2015 1:27:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Tetrachloroethene	210	170		ug/Kg-dry	203308	50	02/18/2015 11:09	TH
Toluene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Trichloroethene	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Vinyl chloride	BRL	6.8		ug/Kg-dry	203384	1	02/19/2015 00:00	MD
Surr: 4-Bromofluorobenzene	98.6	70-128		%REC	203308	50	02/18/2015 11:09	TH
Surr: 4-Bromofluorobenzene	90.2	70-128		%REC	203384	1	02/19/2015 00:00	MD
Surr: Dibromofluoromethane	115	78.2-128		%REC	203308	50	02/18/2015 11:09	TH
Surr: Dibromofluoromethane	100	78.2-128		%REC	203384	1	02/19/2015 00:00	MD
Surr: Toluene-d8	99.1	76.5-116		%REC	203308	50	02/18/2015 11:09	TH
Surr: Toluene-d8	97.9	76.5-116		%REC	203384	1	02/19/2015 00:00	MD
PERCENT MOISTURE D2216								
Percent Moisture	17.3	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-036

Client Sample ID: 15042-SB-26-12
Collection Date: 2/11/2015 1:32:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
1,1,2,2-Tetrachloroethane	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
1,1,2-Trichloroethane	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
1,1-Dichloroethane	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
1,1-Dichloroethene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
1,2,4-Trichlorobenzene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
1,2-Dibromo-3-chloropropane	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
1,2-Dibromoethane	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
1,2-Dichlorobenzene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
1,2-Dichloroethane	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
1,2-Dichloropropane	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
1,3-Dichlorobenzene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
1,4-Dichlorobenzene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
2-Butanone	BRL	35		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
2-Hexanone	BRL	6.9		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
4-Methyl-2-pentanone	BRL	6.9		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Acetone	BRL	69		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Benzene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Bromodichloromethane	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Bromoform	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Bromomethane	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Carbon disulfide	BRL	6.9		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Carbon tetrachloride	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Chlorobenzene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Chloroethane	BRL	6.9		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Chloroform	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Chloromethane	BRL	6.9		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
cis-1,2-Dichloroethene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
cis-1,3-Dichloropropene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Cyclohexane	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Dibromochloromethane	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Dichlorodifluoromethane	BRL	6.9		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Ethylbenzene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Freon-113	BRL	6.9		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Isopropylbenzene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
m,p-Xylene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Methyl acetate	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Methyl tert-butyl ether	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Methylcyclohexane	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Methylene chloride	BRL	14		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
o-Xylene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-036

Client Sample ID: 15042-SB-26-12
Collection Date: 2/11/2015 1:32:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Tetrachloroethene	240	170		ug/Kg-dry	203308	50	02/18/2015 11:34	TH
Toluene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
trans-1,2-Dichloroethene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
trans-1,3-Dichloropropene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Trichloroethene	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Trichlorofluoromethane	BRL	3.5		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Vinyl chloride	BRL	6.9		ug/Kg-dry	203384	1	02/19/2015 00:24	MD
Surr: 4-Bromofluorobenzene	95.4	70-128		%REC	203308	50	02/18/2015 11:34	TH
Surr: 4-Bromofluorobenzene	94.9	70-128		%REC	203384	1	02/19/2015 00:24	MD
Surr: Dibromofluoromethane	117	78.2-128		%REC	203308	50	02/18/2015 11:34	TH
Surr: Dibromofluoromethane	102	78.2-128		%REC	203384	1	02/19/2015 00:24	MD
Surr: Toluene-d8	100	76.5-116		%REC	203308	50	02/18/2015 11:34	TH
Surr: Toluene-d8	99.6	76.5-116		%REC	203384	1	02/19/2015 00:24	MD

PERCENT MOISTURE D2216

Percent Moisture	19.2	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-037

Client Sample ID: 15042-SB-27-2
Collection Date: 2/11/2015 1:42:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
1,1,2,2-Tetrachloroethane	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
1,1,2-Trichloroethane	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
1,1-Dichloroethane	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
1,1-Dichloroethene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
1,2,4-Trichlorobenzene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
1,2-Dibromo-3-chloropropane	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
1,2-Dibromoethane	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
1,2-Dichlorobenzene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
1,2-Dichloroethane	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
1,2-Dichloropropane	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
1,3-Dichlorobenzene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
1,4-Dichlorobenzene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
2-Butanone	BRL	26		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
2-Hexanone	BRL	5.2		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
4-Methyl-2-pentanone	BRL	5.2		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Acetone	BRL	52		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Benzene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Bromodichloromethane	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Bromoform	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Bromomethane	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Carbon disulfide	BRL	5.2		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Carbon tetrachloride	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Chlorobenzene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Chloroethane	BRL	5.2		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Chloroform	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Chloromethane	BRL	5.2		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
cis-1,2-Dichloroethene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
cis-1,3-Dichloropropene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Cyclohexane	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Dibromochloromethane	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Dichlorodifluoromethane	BRL	5.2		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Ethylbenzene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Freon-113	BRL	5.2		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Isopropylbenzene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
m,p-Xylene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Methyl acetate	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Methyl tert-butyl ether	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Methylcyclohexane	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Methylene chloride	BRL	10		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
o-Xylene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-037

Client Sample ID: 15042-SB-27-2
Collection Date: 2/11/2015 1:42:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Tetrachloroethene	3100	160		ug/Kg-dry	203308	50	02/18/2015 11:59	TH
Toluene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
trans-1,2-Dichloroethene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
trans-1,3-Dichloropropene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Trichloroethene	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Trichlorofluoromethane	BRL	2.6		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Vinyl chloride	BRL	5.2		ug/Kg-dry	203384	1	02/19/2015 00:48	MD
Surr: 4-Bromofluorobenzene	97.6	70-128		%REC	203308	50	02/18/2015 11:59	TH
Surr: 4-Bromofluorobenzene	93.1	70-128		%REC	203384	1	02/19/2015 00:48	MD
Surr: Dibromofluoromethane	114	78.2-128		%REC	203308	50	02/18/2015 11:59	TH
Surr: Dibromofluoromethane	101	78.2-128		%REC	203384	1	02/19/2015 00:48	MD
Surr: Toluene-d8	99.8	76.5-116		%REC	203308	50	02/18/2015 11:59	TH
Surr: Toluene-d8	97.6	76.5-116		%REC	203384	1	02/19/2015 00:48	MD
PERCENT MOISTURE D2216								
Percent Moisture	13.7	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-038

Client Sample ID: 15042-SB-27-6
Collection Date: 2/11/2015 1:47:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
2-Butanone	BRL	33		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
2-Hexanone	BRL	6.7		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
4-Methyl-2-pentanone	BRL	6.7		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Acetone	BRL	67		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Benzene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Bromodichloromethane	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Bromoform	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Bromomethane	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Carbon disulfide	BRL	6.7		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Chlorobenzene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Chloroethane	BRL	6.7		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Chloroform	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Chloromethane	BRL	6.7		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
cis-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Cyclohexane	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Dibromochloromethane	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Dichlorodifluoromethane	BRL	6.7		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Ethylbenzene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Freon-113	BRL	6.7		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Isopropylbenzene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
m,p-Xylene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Methyl acetate	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Methylcyclohexane	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Methylene chloride	BRL	13		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
o-Xylene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-038

Client Sample ID: 15042-SB-27-6
Collection Date: 2/11/2015 1:47:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Tetrachloroethene	1900	180		ug/Kg-dry	203308	50	02/18/2015 12:24	TH
Toluene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Trichloroethene	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Vinyl chloride	BRL	6.7		ug/Kg-dry	203384	1	02/19/2015 01:12	MD
Surr: 4-Bromofluorobenzene	96.3	70-128		%REC	203308	50	02/18/2015 12:24	TH
Surr: 4-Bromofluorobenzene	90.6	70-128		%REC	203384	1	02/19/2015 01:12	MD
Surr: Dibromofluoromethane	116	78.2-128		%REC	203308	50	02/18/2015 12:24	TH
Surr: Dibromofluoromethane	102	78.2-128		%REC	203384	1	02/19/2015 01:12	MD
Surr: Toluene-d8	97.4	76.5-116		%REC	203384	1	02/19/2015 01:12	MD
Surr: Toluene-d8	101	76.5-116		%REC	203308	50	02/18/2015 12:24	TH

PERCENT MOISTURE D2216

Percent Moisture	22.2	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-039

Client Sample ID: 15042-SB-27-12
Collection Date: 2/11/2015 1:50:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
1,1,2,2-Tetrachloroethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
1,1,2-Trichloroethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
1,1-Dichloroethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
1,1-Dichloroethene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
1,2,4-Trichlorobenzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
1,2-Dibromo-3-chloropropane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
1,2-Dibromoethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
1,2-Dichlorobenzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
1,2-Dichloroethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
1,2-Dichloropropane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
1,3-Dichlorobenzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
1,4-Dichlorobenzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
2-Butanone	BRL	32		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
2-Hexanone	BRL	6.5		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
4-Methyl-2-pentanone	BRL	6.5		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Acetone	BRL	65		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Benzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Bromodichloromethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Bromoform	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Bromomethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Carbon disulfide	BRL	6.5		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Carbon tetrachloride	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Chlorobenzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Chloroethane	BRL	6.5		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Chloroform	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Chloromethane	BRL	6.5		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
cis-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
cis-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Cyclohexane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Dibromochloromethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Dichlorodifluoromethane	BRL	6.5		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Ethylbenzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Freon-113	BRL	6.5		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Isopropylbenzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
m,p-Xylene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Methyl acetate	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Methyl tert-butyl ether	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Methylcyclohexane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Methylene chloride	BRL	13		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
o-Xylene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-039

Client Sample ID: 15042-SB-27-12
Collection Date: 2/11/2015 1:50:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Tetrachloroethene	280	160		ug/Kg-dry	203308	50	02/18/2015 12:49	TH
Toluene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
trans-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
trans-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Trichloroethene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Trichlorofluoromethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Vinyl chloride	BRL	6.5		ug/Kg-dry	203384	1	02/19/2015 01:36	MD
Surr: 4-Bromofluorobenzene	92.7	70-128		%REC	203384	1	02/19/2015 01:36	MD
Surr: 4-Bromofluorobenzene	96.7	70-128		%REC	203308	50	02/18/2015 12:49	TH
Surr: Dibromofluoromethane	116	78.2-128		%REC	203308	50	02/18/2015 12:49	TH
Surr: Dibromofluoromethane	99.3	78.2-128		%REC	203384	1	02/19/2015 01:36	MD
Surr: Toluene-d8	102	76.5-116		%REC	203308	50	02/18/2015 12:49	TH
Surr: Toluene-d8	96.2	76.5-116		%REC	203384	1	02/19/2015 01:36	MD

PERCENT MOISTURE D2216

Percent Moisture	14.7	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-040

Client Sample ID: 15042-SB-28-2
Collection Date: 2/11/2015 2:03:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
1,1,2,2-Tetrachloroethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
1,1,2-Trichloroethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
1,1-Dichloroethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
1,1-Dichloroethene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
1,2,4-Trichlorobenzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
1,2-Dibromo-3-chloropropane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
1,2-Dibromoethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
1,2-Dichlorobenzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
1,2-Dichloroethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
1,2-Dichloropropane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
1,3-Dichlorobenzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
1,4-Dichlorobenzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
2-Butanone	BRL	32		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
2-Hexanone	BRL	6.4		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
4-Methyl-2-pentanone	BRL	6.4		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Acetone	BRL	64		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Benzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Bromodichloromethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Bromoform	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Bromomethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Carbon disulfide	BRL	6.4		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Carbon tetrachloride	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Chlorobenzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Chloroethane	BRL	6.4		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Chloroform	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Chloromethane	BRL	6.4		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
cis-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
cis-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Cyclohexane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Dibromochloromethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Dichlorodifluoromethane	BRL	6.4		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Ethylbenzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Freon-113	BRL	6.4		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Isopropylbenzene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
m,p-Xylene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Methyl acetate	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Methyl tert-butyl ether	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Methylcyclohexane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Methylene chloride	BRL	13		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
o-Xylene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-040

Client Sample ID: 15042-SB-28-2
Collection Date: 2/11/2015 2:03:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Tetrachloroethene	2900	180		ug/Kg-dry	203308	50	02/18/2015 13:13	TH
Toluene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
trans-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
trans-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Trichloroethene	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Trichlorofluoromethane	BRL	3.2		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Vinyl chloride	BRL	6.4		ug/Kg-dry	203384	1	02/19/2015 02:00	MD
Surr: 4-Bromofluorobenzene	94.1	70-128		%REC	203308	50	02/18/2015 13:13	TH
Surr: 4-Bromofluorobenzene	90	70-128		%REC	203384	1	02/19/2015 02:00	MD
Surr: Dibromofluoromethane	114	78.2-128		%REC	203308	50	02/18/2015 13:13	TH
Surr: Dibromofluoromethane	99.4	78.2-128		%REC	203384	1	02/19/2015 02:00	MD
Surr: Toluene-d8	101	76.5-116		%REC	203308	50	02/18/2015 13:13	TH
Surr: Toluene-d8	96.7	76.5-116		%REC	203384	1	02/19/2015 02:00	MD

PERCENT MOISTURE D2216

Percent Moisture	17.2	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-041

Client Sample ID: 15042-SB-28-6
Collection Date: 2/11/2015 2:10:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
1,1,2,2-Tetrachloroethane	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
1,1,2-Trichloroethane	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
1,1-Dichloroethane	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
1,1-Dichloroethene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
1,2,4-Trichlorobenzene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
1,2-Dibromo-3-chloropropane	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
1,2-Dibromoethane	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
1,2-Dichlorobenzene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
1,2-Dichloroethane	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
1,2-Dichloropropane	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
1,3-Dichlorobenzene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
1,4-Dichlorobenzene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
2-Butanone	BRL	42		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
2-Hexanone	BRL	8.5		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
4-Methyl-2-pentanone	BRL	8.5		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Acetone	BRL	85		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Benzene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Bromodichloromethane	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Bromoform	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Bromomethane	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Carbon disulfide	BRL	8.5		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Carbon tetrachloride	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Chlorobenzene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Chloroethane	BRL	8.5		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Chloroform	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Chloromethane	BRL	8.5		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
cis-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
cis-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Cyclohexane	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Dibromochloromethane	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Dichlorodifluoromethane	BRL	8.5		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Ethylbenzene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Freon-113	BRL	8.5		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Isopropylbenzene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
m,p-Xylene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Methyl acetate	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Methyl tert-butyl ether	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Methylcyclohexane	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Methylene chloride	BRL	17		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
o-Xylene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-041

Client Sample ID: 15042-SB-28-6
Collection Date: 2/11/2015 2:10:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Tetrachloroethene	4900	210		ug/Kg-dry	203308	50	02/18/2015 13:38	TH
Toluene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
trans-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
trans-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Trichloroethene	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Trichlorofluoromethane	BRL	4.2		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Vinyl chloride	BRL	8.5		ug/Kg-dry	203384	1	02/19/2015 02:24	MD
Surr: 4-Bromofluorobenzene	96.5	70-128		%REC	203308	50	02/18/2015 13:38	TH
Surr: 4-Bromofluorobenzene	89.8	70-128		%REC	203384	1	02/19/2015 02:24	MD
Surr: Dibromofluoromethane	115	78.2-128		%REC	203308	50	02/18/2015 13:38	TH
Surr: Dibromofluoromethane	99	78.2-128		%REC	203384	1	02/19/2015 02:24	MD
Surr: Toluene-d8	100	76.5-116		%REC	203308	50	02/18/2015 13:38	TH
Surr: Toluene-d8	97.7	76.5-116		%REC	203384	1	02/19/2015 02:24	MD
PERCENT MOISTURE D2216								
Percent Moisture	26.6	0		wt%	R286097	1	02/18/2015 11:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-042

Client Sample ID: 15042-SB-28-10
Collection Date: 2/11/2015 2:20:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
1,1,2,2-Tetrachloroethane	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
1,1,2-Trichloroethane	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
1,1-Dichloroethane	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
1,1-Dichloroethene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
1,2,4-Trichlorobenzene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
1,2-Dibromo-3-chloropropane	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
1,2-Dibromoethane	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
1,2-Dichlorobenzene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
1,2-Dichloroethane	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
1,2-Dichloropropane	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
1,3-Dichlorobenzene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
1,4-Dichlorobenzene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
2-Butanone	BRL	40		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
2-Hexanone	BRL	7.9		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
4-Methyl-2-pentanone	BRL	7.9		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Acetone	BRL	79		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Benzene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Bromodichloromethane	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Bromoform	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Bromomethane	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Carbon disulfide	BRL	7.9		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Carbon tetrachloride	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Chlorobenzene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Chloroethane	BRL	7.9		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Chloroform	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Chloromethane	BRL	7.9		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
cis-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Cyclohexane	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Dibromochloromethane	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Dichlorodifluoromethane	BRL	7.9		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Ethylbenzene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Freon-113	BRL	7.9		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Isopropylbenzene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
m,p-Xylene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Methyl acetate	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Methyl tert-butyl ether	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Methylcyclohexane	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Methylene chloride	BRL	16		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
o-Xylene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-042

Client Sample ID: 15042-SB-28-10
Collection Date: 2/11/2015 2:20:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Tetrachloroethene	4400	210		ug/Kg-dry	203308	50	02/17/2015 14:28	TH
Toluene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
trans-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Trichloroethene	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Trichlorofluoromethane	BRL	4.0		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Vinyl chloride	BRL	7.9		ug/Kg-dry	203384	1	02/19/2015 02:48	MD
Surr: 4-Bromofluorobenzene	101	70-128		%REC	203308	50	02/17/2015 14:28	TH
Surr: 4-Bromofluorobenzene	91.2	70-128		%REC	203384	1	02/19/2015 02:48	MD
Surr: Dibromofluoromethane	110	78.2-128		%REC	203308	50	02/17/2015 14:28	TH
Surr: Dibromofluoromethane	99.6	78.2-128		%REC	203384	1	02/19/2015 02:48	MD
Surr: Toluene-d8	98.7	76.5-116		%REC	203308	50	02/17/2015 14:28	TH
Surr: Toluene-d8	100	76.5-116		%REC	203384	1	02/19/2015 02:48	MD

PERCENT MOISTURE D2216

Percent Moisture	26.8	0		wt%	R286097	1	02/18/2015 11:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
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- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-046

Client Sample ID: TRIP BLANK 1
Collection Date: 2/11/2015
Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
1,1-Dichloroethane	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
1,1-Dichloroethene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
1,2-Dibromoethane	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
1,2-Dichloroethane	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
1,2-Dichloropropane	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
2-Butanone	BRL	50		ug/L	203243	1	02/16/2015 15:29	GK
2-Hexanone	BRL	10		ug/L	203243	1	02/16/2015 15:29	GK
4-Methyl-2-pentanone	BRL	10		ug/L	203243	1	02/16/2015 15:29	GK
Acetone	BRL	50		ug/L	203243	1	02/16/2015 15:29	GK
Benzene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Bromodichloromethane	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Bromoform	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Bromomethane	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Carbon disulfide	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Carbon tetrachloride	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Chlorobenzene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Chloroethane	BRL	10		ug/L	203243	1	02/16/2015 15:29	GK
Chloroform	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Chloromethane	BRL	10		ug/L	203243	1	02/16/2015 15:29	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Cyclohexane	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Dibromochloromethane	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Dichlorodifluoromethane	BRL	10		ug/L	203243	1	02/16/2015 15:29	GK
Ethylbenzene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Freon-113	BRL	10		ug/L	203243	1	02/16/2015 15:29	GK
Isopropylbenzene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
m,p-Xylene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Methyl acetate	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Methylcyclohexane	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Methylene chloride	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
o-Xylene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-046

Client Sample ID: TRIP BLANK 1
Collection Date: 2/11/2015
Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Tetrachloroethene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Toluene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Trichloroethene	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Trichlorofluoromethane	BRL	5.0		ug/L	203243	1	02/16/2015 15:29	GK
Vinyl chloride	BRL	2.0		ug/L	203243	1	02/16/2015 15:29	GK
Surr: 4-Bromofluorobenzene	97.8	70.6-123		%REC	203243	1	02/16/2015 15:29	GK
Surr: Dibromofluoromethane	102	78.7-124		%REC	203243	1	02/16/2015 15:29	GK
Surr: Toluene-d8	94.1	81.3-120		%REC	203243	1	02/16/2015 15:29	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-047

Client Sample ID: TRIP BLANK 2
Collection Date: 2/11/2015
Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
1,1-Dichloroethane	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
1,1-Dichloroethene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
1,2-Dibromoethane	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
1,2-Dichloroethane	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
1,2-Dichloropropane	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
2-Butanone	BRL	50		ug/L	203243	1	02/16/2015 16:01	GK
2-Hexanone	BRL	10		ug/L	203243	1	02/16/2015 16:01	GK
4-Methyl-2-pentanone	BRL	10		ug/L	203243	1	02/16/2015 16:01	GK
Acetone	BRL	50		ug/L	203243	1	02/16/2015 16:01	GK
Benzene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Bromodichloromethane	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Bromoform	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Bromomethane	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Carbon disulfide	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Carbon tetrachloride	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Chlorobenzene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Chloroethane	BRL	10		ug/L	203243	1	02/16/2015 16:01	GK
Chloroform	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Chloromethane	BRL	10		ug/L	203243	1	02/16/2015 16:01	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Cyclohexane	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Dibromochloromethane	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Dichlorodifluoromethane	BRL	10		ug/L	203243	1	02/16/2015 16:01	GK
Ethylbenzene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Freon-113	BRL	10		ug/L	203243	1	02/16/2015 16:01	GK
Isopropylbenzene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
m,p-Xylene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Methyl acetate	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Methylcyclohexane	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Methylene chloride	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
o-Xylene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 20-Feb-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1502A03-047

Client Sample ID: TRIP BLANK 2
Collection Date: 2/11/2015
Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Tetrachloroethene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Toluene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Trichloroethene	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Trichlorofluoromethane	BRL	5.0		ug/L	203243	1	02/16/2015 16:01	GK
Vinyl chloride	BRL	2.0		ug/L	203243	1	02/16/2015 16:01	GK
Surr: 4-Bromofluorobenzene	103	70.6-123		%REC	203243	1	02/16/2015 16:01	GK
Surr: Dibromofluoromethane	112	78.7-124		%REC	203243	1	02/16/2015 16:01	GK
Surr: Toluene-d8	95.5	81.3-120		%REC	203243	1	02/16/2015 16:01	GK

Qualifiers:

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- N Analyte not NELAC certified
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- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Env. Planning Specialists Work Order Number 1502A03

Checklist completed by Tonna Pacurar Signature Date 2/12/15

Carrier name: FedEx ☐ UPS ☐ Courier ☐ Client ☒ US Mail ☐ Other ☐

Shipping container/cooler in good condition? Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

Container/Temp Blank temperature in compliance? ($0^{\circ} \leq 6^{\circ}C$) * Yes ☒ No ☐

Cooler #1 3.1 Cooler #2 3.5 Cooler #3 ☐ Cooler #4 ☐ Cooler #5 ☐ Cooler #6 ☐

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Was TAT marked on the COC? Yes ☒ No ☐

Proceed with Standard TAT as per project history? Yes ☐ No ☐ Not Applicable ☒

Water - VOA vials have zero headspace? No VOA vials submitted ☒ Yes ☐ No ☐

Water - pH acceptable upon receipt? Yes ☐ No ☐ Not Applicable ☒

Adjusted? ☐ Checked by ☐

Sample Condition: Good ☒ Other(Explain) ☐

(For diffusive samples or AIHA lead) Is a known blank included? Yes ☐ No ☒

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\Aes_server\\Sample Receipt\\My Documents\\COCs and pH Adjustment Sheet\\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203016

Sample ID: MB-203016	Client ID:					Units: ug/Kg	Prep Date: 02/11/2015	Run No: 285595			
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203016	Analysis Date: 02/11/2015	Seq No: 6059634			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	5.0
1,1,2,2-Tetrachloroethane	BRL	5.0
1,1,2-Trichloroethane	BRL	5.0
1,1-Dichloroethane	BRL	5.0
1,1-Dichloroethene	BRL	5.0
1,2,4-Trichlorobenzene	BRL	5.0
1,2-Dibromo-3-chloropropane	BRL	5.0
1,2-Dibromoethane	BRL	5.0
1,2-Dichlorobenzene	BRL	5.0
1,2-Dichloroethane	BRL	5.0
1,2-Dichloropropane	BRL	5.0
1,3-Dichlorobenzene	BRL	5.0
1,4-Dichlorobenzene	BRL	5.0
2-Butanone	BRL	50
2-Hexanone	BRL	10
4-Methyl-2-pentanone	BRL	10
Acetone	BRL	100
Benzene	BRL	5.0
Bromodichloromethane	BRL	5.0
Bromoform	BRL	5.0
Bromomethane	BRL	5.0
Carbon disulfide	BRL	10
Carbon tetrachloride	BRL	5.0
Chlorobenzene	BRL	5.0
Chloroethane	BRL	10
Chloroform	BRL	5.0
Chloromethane	BRL	10

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203016

Sample ID: MB-203016		Client ID:		Units: ug/Kg		Prep Date: 02/11/2015		Run No: 285595			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 203016		Analysis Date: 02/11/2015		Seq No: 6059634			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	43.11	0	50.00		86.2	70	128				
Surr: Dibromofluoromethane	46.62	0	50.00		93.2	78.2	128				
Surr: Toluene-d8	48.16	0	50.00		96.3	76.5	116				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203016

Sample ID: LCS-203016	Client ID:					Units: ug/Kg	Prep Date: 02/11/2015	Run No: 285595			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203016	Analysis Date: 02/11/2015	Seq No: 6059633			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	58.14	5.0	50.00		116	69.9	145				
Benzene	53.46	5.0	50.00		107	72.3	130				
Chlorobenzene	53.18	5.0	50.00		106	69	130				
Toluene	52.00	5.0	50.00		104	71.1	130				
Trichloroethene	55.39	5.0	50.00		111	71.7	136				
Surr: 4-Bromofluorobenzene	45.03	0	50.00		90.1	70	128				
Surr: Dibromofluoromethane	47.34	0	50.00		94.7	78.2	128				
Surr: Toluene-d8	46.06	0	50.00		92.1	76.5	116				

Sample ID: 1502740-001AMS	Client ID:					Units: ug/Kg-dry	Prep Date: 02/11/2015	Run No: 285635			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203016	Analysis Date: 02/11/2015	Seq No: 6061739			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	51.55	4.2	42.11		122	56.6	151				
Benzene	42.47	4.2	42.11		101	70.4	130				
Chlorobenzene	42.67	4.2	42.11		101	67.5	132				
Toluene	42.99	4.2	42.11		102	70.4	130				
Trichloroethene	43.98	4.2	42.11		104	70.1	137				
Surr: 4-Bromofluorobenzene	40.00	0	42.11		95.0	70	128				
Surr: Dibromofluoromethane	39.16	0	42.11		93.0	78.2	128				
Surr: Toluene-d8	39.47	0	42.11		93.7	76.5	116				

Sample ID: 1502740-001AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 02/11/2015	Run No: 285635			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203016	Analysis Date: 02/11/2015	Seq No: 6061740			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	46.30	4.2	42.11		110	56.6	151	51.55	10.7	20.4	
Benzene	40.39	4.2	42.11		95.9	70.4	130	42.47	5.02	16.9	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203016

Sample ID: 1502740-001AMSD	Client ID:				Units: ug/Kg-dry	Prep Date: 02/11/2015	Run No: 285635				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 203016	Analysis Date: 02/11/2015	Seq No: 6061740				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	40.50	4.2	42.11		96.2	67.5	132	42.67	5.21	14.6	
Toluene	36.95	4.2	42.11		87.7	70.4	130	42.99	15.1	16.6	
Trichloroethene	40.76	4.2	42.11		96.8	70.1	137	43.98	7.59	17	
Surr: 4-Bromofluorobenzene	37.25	0	42.11		88.5	70	128	40.00	0	0	
Surr: Dibromofluoromethane	38.74	0	42.11		92.0	78.2	128	39.16	0	0	
Surr: Toluene-d8	36.16	0	42.11		85.9	76.5	116	39.47	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203102

Sample ID: MB-203102	Client ID:				Units: ug/Kg	Prep Date: 02/12/2015	Run No: 285698				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 203102	Analysis Date: 02/12/2015	Seq No: 6062878				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	250
1,1,2,2-Tetrachloroethane	BRL	250
1,1,2-Trichloroethane	BRL	250
1,1-Dichloroethane	BRL	250
1,1-Dichloroethene	BRL	250
1,2,4-Trichlorobenzene	BRL	250
1,2-Dibromo-3-chloropropane	BRL	250
1,2-Dibromoethane	BRL	250
1,2-Dichlorobenzene	BRL	250
1,2-Dichloroethane	BRL	250
1,2-Dichloropropane	BRL	250
1,3-Dichlorobenzene	BRL	250
1,4-Dichlorobenzene	BRL	250
2-Butanone	BRL	2500
2-Hexanone	BRL	500
4-Methyl-2-pentanone	BRL	500
Acetone	BRL	5000
Benzene	BRL	250
Bromodichloromethane	BRL	250
Bromoform	BRL	250
Bromomethane	BRL	250
Carbon disulfide	BRL	500
Carbon tetrachloride	BRL	250
Chlorobenzene	BRL	250
Chloroethane	BRL	500
Chloroform	BRL	250
Chloromethane	BRL	500

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203102

Sample ID: MB-203102		Client ID:		Units: ug/Kg		Prep Date: 02/12/2015		Run No: 285698			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 203102		Analysis Date: 02/12/2015		Seq No: 6062878			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	250									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2498	0	2500		99.9	70	128				
Surr: Dibromofluoromethane	2674	0	2500		107	78.2	128				
Surr: Toluene-d8	2400	0	2500		96.0	76.5	116				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT**BatchID: 203102**

Sample ID: LCS-203102	Client ID:					Units: ug/Kg	Prep Date: 02/12/2015	Run No: 285698			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203102	Analysis Date: 02/12/2015	Seq No: 6062877			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2890	250	2500		116	69.9	145				
Benzene	2462	250	2500		98.5	72.3	130				
Chlorobenzene	2672	250	2500		107	69	130				
Toluene	2537	250	2500		101	71.1	130				
Trichloroethene	3081	250	2500		123	71.7	136				
Surr: 4-Bromofluorobenzene	2556	0	2500		102	70	128				
Surr: Dibromofluoromethane	2646	0	2500		106	78.2	128				
Surr: Toluene-d8	2381	0	2500		95.2	76.5	116				

Sample ID: 1502381-007AMS	Client ID:					Units: ug/Kg-dry	Prep Date: 02/12/2015	Run No: 285789			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203102	Analysis Date: 02/13/2015	Seq No: 6065274			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	3960	340	3385		117	56.6	151				
Benzene	3366	340	3385		99.4	70.4	130				
Chlorobenzene	3633	340	3385		107	67.5	132				
Toluene	3525	340	3385		104	70.4	130				
Trichloroethene	4218	340	3385		125	70.1	137				
Surr: 4-Bromofluorobenzene	3659	0	3385		108	70	128				
Surr: Dibromofluoromethane	3694	0	3385		109	78.2	128				
Surr: Toluene-d8	3201	0	3385		94.6	76.5	116				

Sample ID: 1502381-007AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 02/12/2015	Run No: 285789			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203102	Analysis Date: 02/13/2015	Seq No: 6065276			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	3794	340	3385		112	56.6	151	3960	4.28	20.4	
Benzene	3175	340	3385		93.8	70.4	130	3366	5.84	16.9	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203102

Sample ID: 1502381-007AMSD	Client ID:				Units: ug/Kg-dry	Prep Date: 02/12/2015	Run No: 285789				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 203102	Analysis Date: 02/13/2015	Seq No: 6065276				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	3487	340	3385		103	67.5	132	3633	4.11	14.6	
Toluene	3390	340	3385		100	70.4	130	3525	3.90	16.6	
Trichloroethene	4001	340	3385		118	70.1	137	4218	5.29	17	
Surr: 4-Bromofluorobenzene	3633	0	3385		107	70	128	3659	0	0	
Surr: Dibromofluoromethane	3705	0	3385		109	78.2	128	3694	0	0	
Surr: Toluene-d8	3270	0	3385		96.6	76.5	116	3201	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203201

Sample ID: MB-203201	Client ID:				Units: ug/Kg	Prep Date: 02/13/2015	Run No: 285869				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 203201	Analysis Date: 02/13/2015	Seq No: 6066378				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	5.0
1,1,2,2-Tetrachloroethane	BRL	5.0
1,1,2-Trichloroethane	BRL	5.0
1,1-Dichloroethane	BRL	5.0
1,1-Dichloroethene	BRL	5.0
1,2,4-Trichlorobenzene	BRL	5.0
1,2-Dibromo-3-chloropropane	BRL	5.0
1,2-Dibromoethane	BRL	5.0
1,2-Dichlorobenzene	BRL	5.0
1,2-Dichloroethane	BRL	5.0
1,2-Dichloropropane	BRL	5.0
1,3-Dichlorobenzene	BRL	5.0
1,4-Dichlorobenzene	BRL	5.0
2-Butanone	BRL	50
2-Hexanone	BRL	10
4-Methyl-2-pentanone	BRL	10
Acetone	BRL	100
Benzene	BRL	5.0
Bromodichloromethane	BRL	5.0
Bromoform	BRL	5.0
Bromomethane	BRL	5.0
Carbon disulfide	BRL	10
Carbon tetrachloride	BRL	5.0
Chlorobenzene	BRL	5.0
Chloroethane	BRL	10
Chloroform	BRL	5.0
Chloromethane	BRL	10

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203201

Sample ID: MB-203201		Client ID:		Units: ug/Kg		Prep Date: 02/13/2015		Run No: 285869			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 203201		Analysis Date: 02/13/2015		Seq No: 6066378			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	47.74	0	50.00		95.5	70	128				
Surr: Dibromofluoromethane	47.55	0	50.00		95.1	78.2	128				
Surr: Toluene-d8	48.42	0	50.00		96.8	76.5	116				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT**BatchID: 203201**

Sample ID: LCS-203201	Client ID:					Units: ug/Kg	Prep Date: 02/13/2015	Run No: 285869			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203201	Analysis Date: 02/13/2015	Seq No: 6066366			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	68.59	5.0	50.00		137	69.9	145				
Benzene	51.43	5.0	50.00		103	72.3	130				
Chlorobenzene	51.15	5.0	50.00		102	69	130				
Toluene	52.51	5.0	50.00		105	71.1	130				
Trichloroethene	52.31	5.0	50.00		105	71.7	136				
Surr: 4-Bromofluorobenzene	48.06	0	50.00		96.1	70	128				
Surr: Dibromofluoromethane	48.81	0	50.00		97.6	78.2	128				
Surr: Toluene-d8	48.63	0	50.00		97.3	76.5	116				

Sample ID: 1502C13-004AMS	Client ID:					Units: ug/Kg-dry	Prep Date: 02/13/2015	Run No: 285869			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203201	Analysis Date: 02/13/2015	Seq No: 6066367			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	73.96	5.9	58.78		126	56.6	151				
Benzene	58.00	5.9	58.78		98.7	70.4	130				
Chlorobenzene	57.17	5.9	58.78		97.3	67.5	132				
Toluene	57.37	5.9	58.78		97.6	70.4	130				
Trichloroethene	58.27	5.9	58.78		99.1	70.1	137				
Surr: 4-Bromofluorobenzene	56.64	0	58.78		96.4	70	128				
Surr: Dibromofluoromethane	55.19	0	58.78		93.9	78.2	128				
Surr: Toluene-d8	55.09	0	58.78		93.7	76.5	116				

Sample ID: 1502C13-004AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 02/13/2015	Run No: 285869			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203201	Analysis Date: 02/13/2015	Seq No: 6066372			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	67.53	5.9	58.78		115	56.6	151	73.96	9.09	20.4	
Benzene	55.77	5.9	58.78		94.9	70.4	130	58.00	3.93	16.9	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203201

Sample ID: 1502C13-004AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 02/13/2015	Run No: 285869			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS	SW8260B				BatchID: 203201	Analysis Date: 02/13/2015	Seq No: 6066372			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	55.79	5.9	58.78		94.9	67.5	132	57.17	2.44	14.6	
Toluene	56.15	5.9	58.78		95.5	70.4	130	57.37	2.15	16.6	
Trichloroethene	56.44	5.9	58.78		96.0	70.1	137	58.27	3.20	17	
Surr: 4-Bromofluorobenzene	56.12	0	58.78		95.5	70	128	56.64	0	0	
Surr: Dibromofluoromethane	53.95	0	58.78		91.8	78.2	128	55.19	0	0	
Surr: Toluene-d8	55.65	0	58.78		94.7	76.5	116	55.09	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203243

Sample ID: MB-203243	Client ID:	Units: ug/L				Prep Date: 02/16/2015	Run No: 285878				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 203243				Analysis Date: 02/16/2015	Seq No: 6067583				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	5.0
1,1,2,2-Tetrachloroethane	BRL	5.0
1,1,2-Trichloroethane	BRL	5.0
1,1-Dichloroethane	BRL	5.0
1,1-Dichloroethene	BRL	5.0
1,2,4-Trichlorobenzene	BRL	5.0
1,2-Dibromo-3-chloropropane	BRL	5.0
1,2-Dibromoethane	BRL	5.0
1,2-Dichlorobenzene	BRL	5.0
1,2-Dichloroethane	BRL	5.0
1,2-Dichloropropane	BRL	5.0
1,3-Dichlorobenzene	BRL	5.0
1,4-Dichlorobenzene	BRL	5.0
2-Butanone	BRL	50
2-Hexanone	BRL	10
4-Methyl-2-pentanone	BRL	10
Acetone	BRL	50
Benzene	BRL	5.0
Bromodichloromethane	BRL	5.0
Bromoform	BRL	5.0
Bromomethane	BRL	5.0
Carbon disulfide	BRL	5.0
Carbon tetrachloride	BRL	5.0
Chlorobenzene	BRL	5.0
Chloroethane	BRL	10
Chloroform	BRL	5.0
Chloromethane	BRL	10

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203243

Sample ID: MB-203243		Client ID:				Units: ug/L		Prep Date: 02/16/2015		Run No: 285878	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 203243		Analysis Date: 02/16/2015		Seq No: 6067583	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	47.08	0	50.00		94.2	70.6	123				
Surr: Dibromofluoromethane	49.85	0	50.00		99.7	78.7	124				
Surr: Toluene-d8	48.06	0	50.00		96.1	81.3	120				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT**BatchID: 203243**

Sample ID: LCS-203243	Client ID:					Units: ug/L	Prep Date: 02/16/2015	Run No: 285878			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203243	Analysis Date: 02/16/2015	Seq No: 6067582			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	47.63	5.0	50.00		95.3	64.2	137				
Benzene	50.04	5.0	50.00		100	72.8	128				
Chlorobenzene	51.92	5.0	50.00		104	72.3	126				
Toluene	49.51	5.0	50.00		99.0	74.9	127				
Trichloroethene	49.55	5.0	50.00		99.1	70.5	134				
Surr: 4-Bromofluorobenzene	47.39	0	50.00		94.8	70.6	123				
Surr: Dibromofluoromethane	48.97	0	50.00		97.9	78.7	124				
Surr: Toluene-d8	48.12	0	50.00		96.2	81.3	120				

Sample ID: 1502990-009AMS	Client ID:					Units: ug/L	Prep Date: 02/16/2015	Run No: 285878			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203243	Analysis Date: 02/16/2015	Seq No: 6068019			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	54.00	5.0	50.00		108	60.5	156				
Benzene	51.46	5.0	50.00		103	70	135				
Chlorobenzene	50.66	5.0	50.00		101	70.5	132				
Toluene	49.96	5.0	50.00		99.9	70.5	137				
Trichloroethene	51.00	5.0	50.00		102	71.8	139				
Surr: 4-Bromofluorobenzene	46.07	0	50.00		92.1	70.6	123				
Surr: Dibromofluoromethane	49.26	0	50.00		98.5	78.7	124				
Surr: Toluene-d8	48.19	0	50.00		96.4	81.3	120				

Sample ID: 1502990-009AMSD	Client ID:					Units: ug/L	Prep Date: 02/16/2015	Run No: 285878			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203243	Analysis Date: 02/16/2015	Seq No: 6068020			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	54.49	5.0	50.00		109	60.5	156	54.00	0.903	20	
Benzene	49.90	5.0	50.00		99.8	70	135	51.46	3.08	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203243

Sample ID: 1502990-009AMSD	Client ID:					Units: ug/L	Prep Date: 02/16/2015	Run No: 285878			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203243	Analysis Date: 02/16/2015	Seq No: 6068020			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	48.96	5.0	50.00		97.9	70.5	132	50.66	3.41	20	
Toluene	49.31	5.0	50.00		98.6	70.5	137	49.96	1.31	20	
Trichloroethene	49.93	5.0	50.00		99.9	71.8	139	51.00	2.12	20	
Surr: 4-Bromofluorobenzene	45.22	0	50.00		90.4	70.6	123	46.07	0	0	
Surr: Dibromofluoromethane	49.37	0	50.00		98.7	78.7	124	49.26	0	0	
Surr: Toluene-d8	48.99	0	50.00		98.0	81.3	120	48.19	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203308

Sample ID: MB-203308	Client ID:				Units: ug/Kg	Prep Date: 02/17/2015	Run No: 285950				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 203308	Analysis Date: 02/17/2015	Seq No: 6069387				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	250
1,1,2,2-Tetrachloroethane	BRL	250
1,1,2-Trichloroethane	BRL	250
1,1-Dichloroethane	BRL	250
1,1-Dichloroethene	BRL	250
1,2,4-Trichlorobenzene	BRL	250
1,2-Dibromo-3-chloropropane	BRL	250
1,2-Dibromoethane	BRL	250
1,2-Dichlorobenzene	BRL	250
1,2-Dichloroethane	BRL	250
1,2-Dichloropropane	BRL	250
1,3-Dichlorobenzene	BRL	250
1,4-Dichlorobenzene	BRL	250
2-Butanone	BRL	2500
2-Hexanone	BRL	500
4-Methyl-2-pentanone	BRL	500
Acetone	BRL	5000
Benzene	BRL	250
Bromodichloromethane	BRL	250
Bromoform	BRL	250
Bromomethane	BRL	250
Carbon disulfide	BRL	500
Carbon tetrachloride	BRL	250
Chlorobenzene	BRL	250
Chloroethane	BRL	500
Chloroform	BRL	250
Chloromethane	BRL	500

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203308

Sample ID: MB-203308		Client ID:		Units: ug/Kg		Prep Date: 02/17/2015		Run No: 285950			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 203308		Analysis Date: 02/17/2015		Seq No: 6069387			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	250									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2476	0	2500		99.0	70	128				
Surr: Dibromofluoromethane	2836	0	2500		113	78.2	128				
Surr: Toluene-d8	2474	0	2500		98.9	76.5	116				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT**BatchID: 203308**

Sample ID: LCS-203308	Client ID:					Units: ug/Kg	Prep Date: 02/17/2015	Run No: 285950			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203308	Analysis Date: 02/17/2015	Seq No: 6069384			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2816	250	2500		113	69.9	145				
Benzene	2864	250	2500		115	72.3	130				
Chlorobenzene	2772	250	2500		111	69	130				
Toluene	2993	250	2500		120	71.1	130				
Trichloroethene	3342	250	2500		134	71.7	136				
Surr: 4-Bromofluorobenzene	2426	0	2500		97.0	70	128				
Surr: Dibromofluoromethane	2716	0	2500		109	78.2	128				
Surr: Toluene-d8	2458	0	2500		98.3	76.5	116				

Sample ID: 1502A03-042AMS	Client ID: 15042-SB-28-10	Units: ug/Kg-dry			Prep Date: 02/17/2015	Run No: 285950					
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 203308			Analysis Date: 02/17/2015	Seq No: 6069385					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2307	210	2094		110	56.6	151				
Benzene	2312	210	2094		110	70.4	130				
Chlorobenzene	2321	210	2094		111	67.5	132				
Toluene	2445	210	2094		117	70.4	130				
Trichloroethene	2819	210	2094		135	70.1	137				
Surr: 4-Bromofluorobenzene	2083	0	2094		99.5	70	128				
Surr: Dibromofluoromethane	2239	0	2094		107	78.2	128				
Surr: Toluene-d8	2026	0	2094		96.8	76.5	116				

Sample ID: 1502A03-042AMSD	Client ID: 15042-SB-28-10	Units: ug/Kg-dry	Prep Date: 02/17/2015	Run No: 285950							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 203308	Analysis Date: 02/17/2015	Seq No: 6069386							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2236	210	2094		107	56.6	151	2307	3.10	20.4	
Benzene	2294	210	2094		110	70.4	130	2312	0.800	16.9	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203308

Sample ID: 1502A03-042AMSD	Client ID: 15042-SB-28-10	Units: ug/Kg-dry	Prep Date: 02/17/2015	Run No: 285950							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 203308	Analysis Date: 02/17/2015	Seq No: 6069386							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	2277	210	2094		109	67.5	132	2321	1.93	14.6	
Toluene	2435	210	2094		116	70.4	130	2445	0.412	16.6	
Trichloroethene	2720	210	2094		130	70.1	137	2819	3.58	17	
Surr: 4-Bromofluorobenzene	2071	0	2094		98.9	70	128	2083	0	0	
Surr: Dibromofluoromethane	2304	0	2094		110	78.2	128	2239	0	0	
Surr: Toluene-d8	2025	0	2094		96.7	76.5	116	2026	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203384

Sample ID: MB-203384		Client ID:		Units: ug/Kg		Prep Date: 02/18/2015		Run No: 286056			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 203384		Analysis Date: 02/18/2015		Seq No: 6072515			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	100									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	10									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203384

Sample ID: MB-203384		Client ID:		Units: ug/Kg		Prep Date: 02/18/2015		Run No: 286056			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 203384		Analysis Date: 02/18/2015		Seq No: 6072515			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	47.06	0	50.00		94.1	70	128				
Surr: Dibromofluoromethane	49.67	0	50.00		99.3	78.2	128				
Surr: Toluene-d8	48.82	0	50.00		97.6	76.5	116				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203384

Sample ID: LCS-203384	Client ID:					Units: ug/Kg	Prep Date: 02/18/2015	Run No: 286056			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203384	Analysis Date: 02/18/2015	Seq No: 6072514			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	45.14	5.0	50.00		90.3	69.9	145				
Benzene	42.88	5.0	50.00		85.8	72.3	130				
Chlorobenzene	43.37	5.0	50.00		86.7	69	130				
Toluene	42.70	5.0	50.00		85.4	71.1	130				
Trichloroethene	42.62	5.0	50.00		85.2	71.7	136				
Surr: 4-Bromofluorobenzene	47.57	0	50.00		95.1	70	128				
Surr: Dibromofluoromethane	49.32	0	50.00		98.6	78.2	128				
Surr: Toluene-d8	49.01	0	50.00		98.0	76.5	116				

Sample ID: 1502A03-033AMS	Client ID: 15042-SB-24-5	Units: ug/Kg-dry				Prep Date: 02/18/2015	Run No: 286135				
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 203384				Analysis Date: 02/18/2015	Seq No: 6072739				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	63.34	5.8	58.10		109	56.6	151				
Benzene	59.81	5.8	58.10		103	70.4	130				
Chlorobenzene	59.13	5.8	58.10		102	67.5	132				
Toluene	59.55	5.8	58.10		102	70.4	130				
Trichloroethene	60.38	5.8	58.10		104	70.1	137				
Surr: 4-Bromofluorobenzene	55.76	0	58.10		96.0	70	128				
Surr: Dibromofluoromethane	57.06	0	58.10		98.2	78.2	128				
Surr: Toluene-d8	56.18	0	58.10		96.7	76.5	116				

Sample ID: 1502A03-033AMSD	Client ID: 15042-SB-24-5	Units: ug/Kg-dry			Prep Date: 02/18/2015	Run No: 286135					
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 203384			Analysis Date: 02/18/2015	Seq No: 6072740					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	65.65	5.8	58.10		113	56.6	151	63.34	3.59	20.4	
Benzene	60.59	5.8	58.10		104	70.4	130	59.81	1.29	16.9	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1502A03

ANALYTICAL QC SUMMARY REPORT

BatchID: 203384

Sample ID: 1502A03-033AMSD	Client ID: 15042-SB-24-5	Units: ug/Kg-dry	Prep Date: 02/18/2015	Run No: 286135							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 203384	Analysis Date: 02/18/2015	Seq No: 6072740							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	58.01	5.8	58.10		99.8	67.5	132	59.13	1.92	14.6	
Toluene	58.45	5.8	58.10		101	70.4	130	59.55	1.87	16.6	
Trichloroethene	60.73	5.8	58.10		105	70.1	137	60.38	0.576	17	
Surr: 4-Bromofluorobenzene	56.82	0	58.10		97.8	70	128	55.76	0	0	
Surr: Dibromofluoromethane	57.76	0	58.10		99.4	78.2	128	57.06	0	0	
Surr: Toluene-d8	56.26	0	58.10		96.8	76.5	116	56.18	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

March 09, 2015

Justin Vickery
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway
Atlanta GA 30338

TEL: (404) 315-9113
FAX: (404) 315-8509

RE: TLC Cleaners

Dear Justin Vickery:

Order No: 1503054

Analytical Environmental Services, Inc. received 3 samples on 3/2/2015 12:00:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Nicole Jessup
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3080 Presidential Drive, Atlanta GA 30340-3704
TEL: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1502A0329

Date: 2/11/15 Page 1 of 4

EPS, Inc

1050 Crown Point Pkwy
Suite 550
Atlanta GA 30338

PHONE: 404-315-9113

FAX:

SAMPLED BY: William Cove

SIGNATURE: [Signature]

ANALYSIS REQUESTED

Visit our website
www.aesatlanta.com
to check on the status of
your results, place bottle
orders, etc.

No # of Containers

SAMPLE ID

DATE TIME Grab Composite Matrix (See codes)

PRESERVATION (See codes)

REMARKS

#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	15041-SB-13-2	2/10/15	1001	X		SO			4
2	15041-SB-13-C		1012						4
3	15041-SB-13-10		1025						4
4	15041-SB-14-2		1043						4
5	15041-SB-14-C		1056						4
6	15041-SB-14-10		1109						4
7	15041-SB-15-2		1218						4
8	15041-SB-15-C		1228						4
9	15041-SB-15-10		1243						4
10	15041-SB-16-2		1253						4
11	15041-SB-16-C		1306						4
12	15041-SB-16-10		1318						4
13	15041-SB-20-2		1343						4
14	15041-SB-20-C		1352						4

RELINQUISHED BY:

DATE/TIME

RECEIVED BY:

DATE/TIME

RECEIPT

[Signature]

2/12/15
0850

[Signature]

2/12/15 8:50 AM

Total # of Containers

56

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

SEND REPORT TO: svideya@envserving.com

STATE PROGRAM (if any):

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.

SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

QUOTE #:

PO#:

DATA PACKAGE: I II III IV

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: HH1 = Hydrochloric acid + ice I = Ice only N = Nitric acid S+1 = Sulfuric acid + ice SNA+1 = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None



ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3080 Presidential Drive, Atlanta GA 30340-3704
TEL: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order:

15030531
15030531

Date: 2/11/15 Page 2 of 4

COMPANY

EPSON, Inc

ADDRESS: 1050 Crown Pointe Pkwy
Suite 550
Atlanta, GA 30338

PHONE

404-315-9113

FAX:

SAMPLED BY: William Grove

SIGNATURE: [Signature]

ANALYSIS REQUESTED

VOC
Moisture

Visit our website
www.aesatlanta.com

to check on the status of
your results, place bottle
orders, etc.

No # of Containers

PRESERVATION (See codes)

REMARKS

Hold

#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	Preservation	Remarks	No # of Containers
1	15041-SB-20-10	2/10/15	1357			So			4
2	15041-SB-19-2		1411						4
3	15041-SB-19-6		1417						4
4	15041-SB-19-10		1423						4
5	15041-SB-18-2		1445						4
6	15041-SB-18-8		1451						4
7	15041-SB-18-10		1457						4
8	15041-SB-17-2		1518						4
9	15041-SB-17-6		1522						4
10	15041-SB-17-12		1527						4
11	15041-SB-25-2		1552						4
12	15041-SB-25-6		1557						4
13	15041-SB-25-12		1604						4
14	15042-SB-31-5								4

RELINQUISHED BY

DATE/TIME

RECEIVED BY

DATE/TIME

PROJECT INFORMATION

2/12/15

0850

[Signature]

2/11/15 8:50 AM

PROJECT NAME: TLC Cleaners

PROJECT #

SITE ADDRESS

SEND REPORT TO: swickel@envserving.com

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #

PO#

STATE PROGRAM (if any)

E-mail? Y / N, Fax? Y / N

DATA PACKAGE: I II III IV

Turnaround Time Request

Standard 5 Business Days

2 Business Day Rush

Next Business Day Rush

Same Day Rush (with req)

Other

SPECIAL INSTRUCTIONS/COMMENTS

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.

MATRIX CODES: A - Air GIV = Groundwater SE = Sediment SO = Soil SV = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None



ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3080 Presidential Drive, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1503054
1502003-314

Date: 2/11/15 Page 3 of 4

COMPANY:		ADDRESS:		ANALYSIS REQUESTED		REMARKS	
EPS, Inc		1050 Crown Pointe Pkwy Suite 550 Atlanta, GA 30338		VOC Moisture		Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.	
PHONE:	404-315-9113	FAX:					
SAMPLED BY:	William Crowe	SIGNATURE:					
#	SAMPLE ID	SAMPLED			PRESERVATION (See codes)	REMARKS	No # of Containers
		DATE	TIME	Grab			
1	15042-DB	2/11/15	0947				4
2	15042-SB-22-5						4
3	15042-SB-23-5						4
4	15042-SB-24-2						4
5	15042-SB-24-5						4
6	15042-SB-26-2						4
7	15042-SB-26-6						4
8	15042-SB-26-12						4
9	15042-SB-27-2						4
10	15042-SB-27-6						4
11	15042-SB-27-12						4
12	15042-SB-28-2						4
13	15042-SB-28-6						4
14	15042-SB-28-10						4
RELINQUISHED BY:		DATE/TIME:		DATE/TIME:		RECEIPT	
		2/11/15 0850		2/11/15 8:50 AM		Total # of Containers: 20	
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD:		PROJECT NAME:		PROJECT INFORMATION	
		OUT / / VIA		PROJECT #:		SITE ADDRESS:	
		IN CLIENT FedEx UPS MAIL COURIER		SEND REPORT TO: info@aesatlanta.com		INVOICE TO:	
		GREYHOUND OTHER		(IF DIFFERENT FROM ABOVE)		PO#:	
				QUOTE #:		STATE PROGRAM (if any):	
						E-mail? Y / N, Fax? Y / N	
						DATA PACKAGE: I II III IV	



ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order:

1503054
1502A02399

Date: 2/11/15 Page 4 of 4

COMPANY		ADDRESS		ANALYSIS REQUESTED		REMARKS	
EPS Inc		1050 Crown Point Pkwy Suite 550 Atlanta, GA 30338		VOC Moisture VOC		Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.	
PHONE: 404-315-9113	FAX:	SIGNATURE: [Signature]		PRESERVATION (See codes)		REMARKS	
SAMPLED BY: William Creech		DATE: 2/11/15		TIME: 1430		No # of Containers	
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	
1	15042-SB-29-2	2/11/15	1430			SC	4
2	15042-SB-29-6		1441				4
3	15042-SB-25-10		1453				4
4	Trip Blank 1					W	2
5	Trip Blank 2					W	2
6							
7							
8							
9							
10							
11							
12							
13							
14							
RELINQUISHED BY: [Signature]		DATE/TIME: 2/12/15 0950		RECEIVED BY: [Signature]		DATE/TIME: 2/11/15 1500	
PROJECT NAME: TCC Cleaners		PROJECT #:		PROJECT INFORMATION		RECEIPT	
SITE ADDRESS:		INVOICE TO: Tucker Environmental		STATE PROGRAM (if any):		Total # of Containers: 16	
SHIPMENT METHOD: OUT / / VIA: IN / / VIA: CLIENT: FedEx UPS MAIL COURIER GREYHOUND OTHER:		SPECIAL INSTRUCTIONS/COMMENTS:		TURNAROUND TIME REQUEST: Standard 5 Business Days 2 Business Day Rush Next Business Day Rush Same Day Rush (auth req.) Other:		DATA PACKAGE: I II III IV	

Client: Environmental Planning Specialists, Inc.
Project: TLC Cleaners
Lab ID: 1503054

Case Narrative

Per Justin Vickery via phone 3/2/15, samples 15042-SB-29-2, 15042-SB-29-6, 15042-SB-29-10 should be analyzed out of hold for total VOCs at a standard TAT.

Volatile Organic Compounds Analysis by Method 8260B:

Samples 1503054-001A, -002A, & -003A were extracted and/or analyzed outside holding time of 14 days. Analysis was requested by client after holding time had expired.

Analytical Environmental Services, Inc
Date: 9-Mar-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1503054-001

Client Sample ID: 15042-SB-29-2
Collection Date: 2/11/2015 2:30:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
1,1,2,2-Tetrachloroethane	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
1,1,2-Trichloroethane	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
1,1-Dichloroethane	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
1,1-Dichloroethene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
1,2,4-Trichlorobenzene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
1,2-Dibromo-3-chloropropane	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
1,2-Dibromoethane	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
1,2-Dichlorobenzene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
1,2-Dichloroethane	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
1,2-Dichloropropane	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
1,3-Dichlorobenzene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
1,4-Dichlorobenzene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
2-Butanone	BRL	32	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
2-Hexanone	BRL	6.4	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
4-Methyl-2-pentanone	BRL	6.4	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Acetone	BRL	64	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Benzene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Bromodichloromethane	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Bromoform	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Bromomethane	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Carbon disulfide	BRL	6.4	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Carbon tetrachloride	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Chlorobenzene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Chloroethane	BRL	6.4	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Chloroform	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Chloromethane	BRL	6.4	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
cis-1,2-Dichloroethene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
cis-1,3-Dichloropropene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Cyclohexane	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Dibromochloromethane	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Dichlorodifluoromethane	BRL	6.4	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Ethylbenzene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Freon-113	BRL	6.4	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Isopropylbenzene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
m,p-Xylene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Methyl acetate	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Methyl tert-butyl ether	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Methylcyclohexane	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Methylene chloride	BRL	13	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
o-Xylene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 9-Mar-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1503054-001

Client Sample ID: 15042-SB-29-2
Collection Date: 2/11/2015 2:30:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Tetrachloroethene	8100	370	H	ug/Kg-dry	203992	50	03/05/2015 17:51	CH
Toluene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
trans-1,2-Dichloroethene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
trans-1,3-Dichloropropene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Trichloroethene	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Trichlorofluoromethane	BRL	3.2	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Vinyl chloride	BRL	6.4	H	ug/Kg-dry	203946	1	03/05/2015 00:41	JE
Surr: 4-Bromofluorobenzene	102	70-128	H	%REC	203946	1	03/05/2015 00:41	JE
Surr: 4-Bromofluorobenzene	92.2	70-128	H	%REC	203992	50	03/05/2015 17:51	CH
Surr: Dibromofluoromethane	102	78.2-128	H	%REC	203946	1	03/05/2015 00:41	JE
Surr: Dibromofluoromethane	86	78.2-128	H	%REC	203992	50	03/05/2015 17:51	CH
Surr: Toluene-d8	92.8	76.5-116	H	%REC	203946	1	03/05/2015 00:41	JE
Surr: Toluene-d8	87.3	76.5-116	H	%REC	203992	50	03/05/2015 17:51	CH

PERCENT MOISTURE D2216

Percent Moisture	16.6	0		wt%	R287136	1	03/06/2015 12:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 9-Mar-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1503054-002

Client Sample ID: 15042-SB-29-6
Collection Date: 2/11/2015 2:41:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
1,1,2,2-Tetrachloroethane	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
1,1,2-Trichloroethane	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
1,1-Dichloroethane	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
1,1-Dichloroethene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
1,2,4-Trichlorobenzene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
1,2-Dibromo-3-chloropropane	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
1,2-Dibromoethane	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
1,2-Dichlorobenzene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
1,2-Dichloroethane	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
1,2-Dichloropropane	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
1,3-Dichlorobenzene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
1,4-Dichlorobenzene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
2-Butanone	BRL	39	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
2-Hexanone	BRL	7.8	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
4-Methyl-2-pentanone	BRL	7.8	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Acetone	BRL	78	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Benzene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Bromodichloromethane	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Bromoform	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Bromomethane	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Carbon disulfide	BRL	7.8	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Carbon tetrachloride	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Chlorobenzene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Chloroethane	BRL	7.8	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Chloroform	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Chloromethane	BRL	7.8	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
cis-1,2-Dichloroethene	4.3	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
cis-1,3-Dichloropropene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Cyclohexane	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Dibromochloromethane	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Dichlorodifluoromethane	BRL	7.8	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Ethylbenzene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Freon-113	BRL	7.8	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Isopropylbenzene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
m,p-Xylene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Methyl acetate	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Methyl tert-butyl ether	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Methylcyclohexane	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Methylene chloride	BRL	16	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
o-Xylene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 9-Mar-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1503054-002

Client Sample ID: 15042-SB-29-6
Collection Date: 2/11/2015 2:41:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Tetrachloroethene	4400	200	H	ug/Kg-dry	203992	50	03/05/2015 18:15	CH
Toluene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
trans-1,2-Dichloroethene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
trans-1,3-Dichloropropene	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Trichloroethene	4.2	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Trichlorofluoromethane	BRL	3.9	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Vinyl chloride	BRL	7.8	H	ug/Kg-dry	203946	1	03/05/2015 01:05	JE
Surr: 4-Bromofluorobenzene	90.8	70-128	H	%REC	203992	50	03/05/2015 18:15	CH
Surr: 4-Bromofluorobenzene	101	70-128	H	%REC	203946	1	03/05/2015 01:05	JE
Surr: Dibromofluoromethane	84	78.2-128	H	%REC	203992	50	03/05/2015 18:15	CH
Surr: Dibromofluoromethane	103	78.2-128	H	%REC	203946	1	03/05/2015 01:05	JE
Surr: Toluene-d8	86.6	76.5-116	H	%REC	203992	50	03/05/2015 18:15	CH
Surr: Toluene-d8	93.8	76.5-116	H	%REC	203946	1	03/05/2015 01:05	JE

PERCENT MOISTURE D2216

Percent Moisture	24.4	0		wt%	R287136	1	03/06/2015 12:00	PF
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Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 9-Mar-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1503054-003

Client Sample ID: 15042-SB-29-10
Collection Date: 2/11/2015 2:53:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
1,1,2,2-Tetrachloroethane	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
1,1,2-Trichloroethane	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
1,1-Dichloroethane	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
1,1-Dichloroethene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
1,2,4-Trichlorobenzene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
1,2-Dibromo-3-chloropropane	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
1,2-Dibromoethane	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
1,2-Dichlorobenzene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
1,2-Dichloroethane	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
1,2-Dichloropropane	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
1,3-Dichlorobenzene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
1,4-Dichlorobenzene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
2-Butanone	BRL	36	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
2-Hexanone	BRL	7.1	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
4-Methyl-2-pentanone	BRL	7.1	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Acetone	BRL	71	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Benzene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Bromodichloromethane	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Bromoform	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Bromomethane	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Carbon disulfide	BRL	7.1	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Carbon tetrachloride	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Chlorobenzene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Chloroethane	BRL	7.1	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Chloroform	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Chloromethane	BRL	7.1	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
cis-1,2-Dichloroethene	7.5	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
cis-1,3-Dichloropropene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Cyclohexane	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Dibromochloromethane	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Dichlorodifluoromethane	BRL	7.1	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Ethylbenzene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Freon-113	BRL	7.1	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Isopropylbenzene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
m,p-Xylene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Methyl acetate	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Methyl tert-butyl ether	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Methylcyclohexane	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Methylene chloride	BRL	14	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
o-Xylene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 9-Mar-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1503054-003

Client Sample ID: 15042-SB-29-10
Collection Date: 2/11/2015 2:53:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Tetrachloroethene	8800	370	H	ug/Kg-dry	203992	100	03/06/2015 12:01	NP
Toluene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
trans-1,2-Dichloroethene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
trans-1,3-Dichloropropene	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Trichloroethene	5.8	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Trichlorofluoromethane	BRL	3.6	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Vinyl chloride	BRL	7.1	H	ug/Kg-dry	203946	1	03/05/2015 01:28	JE
Surr: 4-Bromofluorobenzene	92.2	70-128	H	%REC	203992	100	03/06/2015 12:01	NP
Surr: 4-Bromofluorobenzene	102	70-128	H	%REC	203946	1	03/05/2015 01:28	JE
Surr: Dibromofluoromethane	101	78.2-128	H	%REC	203946	1	03/05/2015 01:28	JE
Surr: Dibromofluoromethane	97.3	78.2-128	H	%REC	203992	100	03/06/2015 12:01	NP
Surr: Toluene-d8	93.3	76.5-116	H	%REC	203946	1	03/05/2015 01:28	JE
Surr: Toluene-d8	96.6	76.5-116	H	%REC	203992	100	03/06/2015 12:01	NP
PERCENT MOISTURE D2216								
Percent Moisture	25.0	0		wt%	R287136	1	03/06/2015 12:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Env. Planning Specialists Work Order Number 150305d
1502A0339

Checklist completed by Tonia Pacurar Date 2/12/15
Signature Date

Carrier name: FedEx ☐ UPS ☐ Courier ☐ Client ☒ US Mail ☐ Other ☐

Shipping container/cooler in good condition? Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

Container/Temp Blank temperature in compliance? ($0^{\circ} \leq 6^{\circ}C$) * Yes ☒ No ☐

Cooler #1 3.1 Cooler #2 3.5 Cooler #3 ☐ Cooler #4 ☐ Cooler #5 ☐ Cooler #6 ☐

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Was TAT marked on the COC? Yes ☒ No ☐

Proceed with Standard TAT as per project history? Yes ☐ No ☐ Not Applicable ☒

Water - VOA vials have zero headspace? No VOA vials submitted ☒ Yes ☐ No ☐

Water - pH acceptable upon receipt? Yes ☐ No ☐ Not Applicable ☒

Adjusted? ☐ Checked by ☐

Sample Condition: Good ☒ Other(Explain) ☐

(For diffusive samples or AIHA lead) Is a known blank included? Yes ☐ No ☒

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\Aes_server\\Sample Receipt\\My Documents\\COCs and pH Adjustment Sheet\\Sample_Cooler_Receipt_Checklist_Rev1.rtf

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1503054

ANALYTICAL QC SUMMARY REPORT

BatchID: 203946

Sample ID: MB-203946	Client ID:	Units: ug/Kg				Prep Date: 03/04/2015	Run No: 286999				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 203946				Analysis Date: 03/04/2015	Seq No: 6093134				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	5.0
1,1,2,2-Tetrachloroethane	BRL	5.0
1,1,2-Trichloroethane	BRL	5.0
1,1-Dichloroethane	BRL	5.0
1,1-Dichloroethene	BRL	5.0
1,2,4-Trichlorobenzene	BRL	5.0
1,2-Dibromo-3-chloropropane	BRL	5.0
1,2-Dibromoethane	BRL	5.0
1,2-Dichlorobenzene	BRL	5.0
1,2-Dichloroethane	BRL	5.0
1,2-Dichloropropane	BRL	5.0
1,3-Dichlorobenzene	BRL	5.0
1,4-Dichlorobenzene	BRL	5.0
2-Butanone	BRL	50
2-Hexanone	BRL	10
4-Methyl-2-pentanone	BRL	10
Acetone	BRL	100
Benzene	BRL	5.0
Bromodichloromethane	BRL	5.0
Bromoform	BRL	5.0
Bromomethane	BRL	5.0
Carbon disulfide	BRL	10
Carbon tetrachloride	BRL	5.0
Chlorobenzene	BRL	5.0
Chloroethane	BRL	10
Chloroform	BRL	5.0
Chloromethane	BRL	10

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1503054

ANALYTICAL QC SUMMARY REPORT

BatchID: 203946

Sample ID: MB-203946		Client ID:				Units: ug/Kg		Prep Date: 03/04/2015		Run No: 286999	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 203946		Analysis Date: 03/04/2015		Seq No: 6093134	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	47.61	0	50.00		95.2	70	128				
Surr: Dibromofluoromethane	48.14	0	50.00		96.3	78.2	128				
Surr: Toluene-d8	47.96	0	50.00		95.9	76.5	116				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1503054

ANALYTICAL QC SUMMARY REPORT**BatchID: 203946**

Sample ID: LCS-203946	Client ID:					Units: ug/Kg	Prep Date: 03/04/2015	Run No: 286999			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203946	Analysis Date: 03/04/2015	Seq No: 6093136			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	46.62	5.0	50.00		93.2	69.9	145				
Benzene	46.91	5.0	50.00		93.8	72.3	130				
Chlorobenzene	44.83	5.0	50.00		89.7	69	130				
Toluene	47.50	5.0	50.00		95.0	71.1	130				
Trichloroethene	49.42	5.0	50.00		98.8	71.7	136				
Surr: 4-Bromofluorobenzene	50.20	0	50.00		100	70	128				
Surr: Dibromofluoromethane	51.14	0	50.00		102	78.2	128				
Surr: Toluene-d8	47.76	0	50.00		95.5	76.5	116				

Sample ID: 1502N19-004AMS	Client ID:					Units: ug/Kg-dry	Prep Date: 03/04/2015	Run No: 286999			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203946	Analysis Date: 03/04/2015	Seq No: 6093137			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	80.01	8.2	81.71		97.9	56.6	151				
Benzene	79.73	8.2	81.71	1.817	95.4	70.4	130				
Chlorobenzene	75.24	8.2	81.71		92.1	67.5	132				
Toluene	76.40	8.2	81.71	2.132	90.9	70.4	130				
Trichloroethene	81.30	8.2	81.71		99.5	70.1	137				
Surr: 4-Bromofluorobenzene	86.76	0	81.71		106	70	128				
Surr: Dibromofluoromethane	84.62	0	81.71		104	78.2	128				
Surr: Toluene-d8	76.26	0	81.71		93.3	76.5	116				

Sample ID: 1502N19-004AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 03/04/2015	Run No: 286999			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS	SW8260B				BatchID: 203946	Analysis Date: 03/04/2015	Seq No: 6093138			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	73.27	8.2	81.71		89.7	56.6	151	80.01	8.78	20.4	
Benzene	76.36	8.2	81.71	1.817	91.2	70.4	130	79.73	4.31	16.9	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1503054

ANALYTICAL QC SUMMARY REPORT

BatchID: 203946

Sample ID: 1502N19-004AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 03/04/2015	Run No: 286999			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203946	Analysis Date: 03/04/2015	Seq No: 6093138			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	71.90	8.2	81.71		88.0	67.5	132	75.24	4.53	14.6	
Toluene	75.48	8.2	81.71	2.132	89.8	70.4	130	76.40	1.21	16.6	
Trichloroethene	78.11	8.2	81.71		95.6	70.1	137	81.30	4.00	17	
Surr: 4-Bromofluorobenzene	80.14	0	81.71		98.1	70	128	86.76	0	0	
Surr: Dibromofluoromethane	82.98	0	81.71		102	78.2	128	84.62	0	0	
Surr: Toluene-d8	77.96	0	81.71		95.4	76.5	116	76.26	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1503054

ANALYTICAL QC SUMMARY REPORT

BatchID: 203992

Sample ID: MB-203992	Client ID:	Units: ug/Kg				Prep Date: 03/04/2015	Run No: 286906				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 203992				Analysis Date: 03/04/2015	Seq No: 6093110				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	250
1,1,2,2-Tetrachloroethane	BRL	250
1,1,2-Trichloroethane	BRL	250
1,1-Dichloroethane	BRL	250
1,1-Dichloroethene	BRL	250
1,2,4-Trichlorobenzene	BRL	250
1,2-Dibromo-3-chloropropane	BRL	250
1,2-Dibromoethane	BRL	250
1,2-Dichlorobenzene	BRL	250
1,2-Dichloroethane	BRL	250
1,2-Dichloropropane	BRL	250
1,3-Dichlorobenzene	BRL	250
1,4-Dichlorobenzene	BRL	250
2-Butanone	BRL	2500
2-Hexanone	BRL	500
4-Methyl-2-pentanone	BRL	500
Acetone	BRL	5000
Benzene	BRL	250
Bromodichloromethane	BRL	250
Bromoform	BRL	250
Bromomethane	BRL	250
Carbon disulfide	BRL	500
Carbon tetrachloride	BRL	250
Chlorobenzene	BRL	250
Chloroethane	BRL	500
Chloroform	BRL	250
Chloromethane	BRL	500

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1503054

ANALYTICAL QC SUMMARY REPORT

BatchID: 203992

Sample ID: MB-203992	Client ID:					Units: ug/Kg	Prep Date: 03/04/2015		Run No: 286906		
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203992	Analysis Date: 03/04/2015		Seq No: 6093110		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	250									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2118	0	2500		84.7	70	128				
Surr: Dibromofluoromethane	2212	0	2500		88.5	78.2	128				
Surr: Toluene-d8	2128	0	2500		85.1	76.5	116				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1503054

ANALYTICAL QC SUMMARY REPORT**BatchID: 203992**

Sample ID: LCS-203992	Client ID:					Units: ug/Kg	Prep Date: 03/04/2015	Run No: 286906			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS	SW8260B				BatchID: 203992	Analysis Date: 03/04/2015	Seq No: 6093109			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2139	250	2500		85.6	69.9	145				
Benzene	2218	250	2500		88.7	72.3	130				
Chlorobenzene	2178	250	2500		87.1	69	130				
Toluene	2164	250	2500		86.5	71.1	130				
Trichloroethene	2204	250	2500		88.1	71.7	136				
Surr: 4-Bromofluorobenzene	2304	0	2500		92.1	70	128				
Surr: Dibromofluoromethane	2151	0	2500		86.0	78.2	128				
Surr: Toluene-d8	2186	0	2500		87.5	76.5	116				

Sample ID: 1502M05-003BMS	Client ID:					Units: ug/Kg	Prep Date: 03/04/2015	Run No: 286906			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203992	Analysis Date: 03/04/2015	Seq No: 6093111			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	22200	2500	24950		89.0	56.6	151				
Benzene	23590	2500	24950		94.5	70.4	130				
Chlorobenzene	22430	2500	24950		89.9	67.5	132				
Toluene	22880	2500	24950		91.7	70.4	130				
Trichloroethene	23770	2500	24950		95.3	70.1	137				
Surr: 4-Bromofluorobenzene	23000	0	24950		92.2	70	128				
Surr: Dibromofluoromethane	22150	0	24950		88.8	78.2	128				
Surr: Toluene-d8	21630	0	24950		86.7	76.5	116				

Sample ID: 1502M05-003BMSD	Client ID:					Units: ug/Kg	Prep Date: 03/04/2015	Run No: 286906			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203992	Analysis Date: 03/04/2015	Seq No: 6093112			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	23260	2500	24950		93.2	56.6	151	22200	4.68	20.4	
Benzene	23130	2500	24950		92.7	70.4	130	23590	1.94	16.9	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1503054

ANALYTICAL QC SUMMARY REPORT

BatchID: 203992

Sample ID: 1502M05-003BMSD	Client ID:					Units: ug/Kg	Prep Date: 03/04/2015	Run No: 286906			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 203992	Analysis Date: 03/04/2015	Seq No: 6093112			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	22890	2500	24950		91.8	67.5	132	22430	2.05	14.6	
Toluene	22960	2500	24950		92.0	70.4	130	22880	0.327	16.6	
Trichloroethene	23130	2500	24950		92.7	70.1	137	23770	2.72	17	
Surr: 4-Bromofluorobenzene	22850	0	24950		91.6	70	128	23000	0	0	
Surr: Dibromofluoromethane	21030	0	24950		84.3	78.2	128	22150	0	0	
Surr: Toluene-d8	21680	0	24950		86.9	76.5	116	21630	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

May 18, 2015

Justin Vickery
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway
Atlanta GA 30338

TEL: (404) 315-9113
FAX: (404) 315-8509

RE: TLC Cleaners

Dear Justin Vickery:

Order No: 1505644

Analytical Environmental Services, Inc. received 2 samples on 5/7/2015 2:40:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Nicole Jessup
Project Manager



AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1505644

Date: 05/07/15 Page 1 of 1

COMPANY: EPS, Inc.		ADDRESS: 1050 Crown Pointe Parkway suite 550 Atlanta, GA 30388		ANALYSIS REQUESTED										Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers	
PHONE: 404-315-9113		FAX:		TOL VOL Moisture													
SAMPLED BY: William Crowe		SIGNATURE:		PRESERVATION (See codes)										REMARKS			
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	I	II	III	IV	V	VI	VII				VIII
		DATE	TIME														
1	15127-SB-30-7	5/7/15	1103	X		SO	X										
2	15127-SB-31-7	5/7/15	1111	X		SO	X										
3	15127-P23-S1-7	5/7/15	1036	X		SO		X	X								
4	Trip Blank	5/6/15				W		X									
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	

RELINQUISHED BY		DATE/TIME	RECEIVED BY	DATE/TIME	PROJECT INFORMATION		RECEIPT	
1:		5/7/15 1440	2:	5/7/15 1440	PROJECT NAME: TLC Cleaners		Total # of Containers: 12	
2:			3:		PROJECT #:		Turnaround Time Request	
3:					SITE ADDRESS:		☒ Standard 5 Business Days ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same Day Rush (auth req.) ☐ Other	
SPECIAL INSTRUCTIONS/COMMENTS: 15127-P23-S1-7 has several jars associated with it - wait for email detailing what analysis to perform.				SHIPMENT METHOD		INVOICE TO: (IF DIFFERENT FROM ABOVE)		STATE PROGRAM (if any):
		OUT		VIA:		QUOTE #:		E-mail? Y/N; Fax? Y/N
		IN		VIA:		PO#:		DATA PACKAGE: I II III IV
		☒ CLIENT ☐ FedEx ☐ UPS ☐ MAIL ☐ COURIER ☐ GREYHOUND ☐ OTHER						

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
 SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
 PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Client: Environmental Planning Specialists, Inc.
Project: TLC Cleaners
Lab ID: 1505644

Case Narrative

Three sets of Trip Blanks (6 vials) were received; however, only 2 vials were indicated on the Chain of Custody (COC). Trip Blank samples have been placed on hold per the COC.

"Trip Blank" and sample "15127-P23-S1-7" were placed on hold per instruction listed on the COC.

Analytical Environmental Services, Inc**Date:** 18-May-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1505644-001

Client Sample ID: 15127-SB-30-7
Collection Date: 5/7/2015 11:03:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Organic Carbon SW9060A Modified				(SW9060 Modified)				
Total Organic Carbon (TOC)	626	500		mg/Kg-dry	205745	1	05/14/2015 16:42	YS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc**Date:** 18-May-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1505644-002

Client Sample ID: 15127-SB-31-7
Collection Date: 5/7/2015 11:11:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Organic Carbon SW9060A Modified				(SW9060 Modified)				
Total Organic Carbon (TOC)	1060	500		mg/Kg-dry	205745	1	05/15/2015 10:14	YS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Eps

Work Order Number 1505644

Checklist completed by Jeanne Pacurar 5/7/15
Signature Date

Carrier name: FedEx ☐ UPS ☐ Courier ☐ Client ☒ US Mail ☐ Other ☐

Shipping container/cooler in good condition? Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

Container/Temp Blank temperature in compliance? ($0^{\circ} \leq 6^{\circ}\text{C}$)* Yes ☒ No ☐

Cooler #1 31 Cooler #2 ☐ Cooler #3 ☐ Cooler #4 ☐ Cooler #5 ☐ Cooler #6 ☐

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Was TAT marked on the COC? Yes ☒ No ☐

Proceed with Standard TAT as per project history? Yes ☐ No ☐ Not Applicable ☒

Water - VOA vials have zero headspace? No VOA vials submitted ☐ Yes ☒ No ☐

Water - pH acceptable upon receipt? Yes ☒ No ☐ Not Applicable ☐

Adjusted? ☐ Checked by ☐

Sample Condition: Good ☒ Other(Explain) ☐

(For diffusive samples or AIHA lead) Is a known blank included? Yes ☐ No ☒

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\Aes_server\\Sample Receipt\\My Documents\\COCs and pH Adjustment Sheet\\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1505644

ANALYTICAL QC SUMMARY REPORT

BatchID: 205745

Sample ID: MB-205745	Client ID:					Units: mg/Kg-dry	Prep Date: 05/08/2015	Run No: 291901			
SampleType: MBLK	TestCode: Total Organic Carbon SW9060A Modified					BatchID: 205745	Analysis Date: 05/14/2015	Seq No: 6212655			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Total Organic Carbon (TOC) BRL 500

Sample ID: LCS-205745	Client ID:					Units: mg/Kg-dry	Prep Date: 05/08/2015	Run No: 291901			
SampleType: LCS	TestCode: Total Organic Carbon SW9060A Modified					BatchID: 205745	Analysis Date: 05/14/2015	Seq No: 6212668			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Total Organic Carbon (TOC) 3114 500 2610 119 70 130

Sample ID: 1504J92-005ADUP	Client ID:					Units: mg/Kg-dry	Prep Date: 05/08/2015	Run No: 291901			
SampleType: DUP	TestCode: Total Organic Carbon SW9060A Modified					BatchID: 205745	Analysis Date: 05/14/2015	Seq No: 6212815			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Total Organic Carbon (TOC) 6186 500 7198 15.1 50

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

May 28, 2015

Justin Vickery
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway
Atlanta GA 30338

TEL: (404) 315-9113
FAX: (404) 315-8509

RE: TLC Cleaners

Dear Justin Vickery:

Order No: 1505L01

Analytical Environmental Services, Inc. received 6 samples on 5/22/2015 12:55:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Nicole Jessup
Project Manager



TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

Work Order: 1505601

Date: 5-22-15 Page 1 of 1

COMPANY: EPS, Inc.		ADDRESS: 1050 Crown Pointe Pkwy Ste 550 Atlanta, GA 30338		ANALYSIS REQUESTED						Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.			
PHONE: (404) 315-9113		FAX:											
SAMPLED BY: Jeff Dennis		SIGNATURE: 											
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	VOC	HPC	PRESERVATION (See codes)	REMARKS	No # of Containers		
1	15142-PZ-1	5-22-15	946	X		GW	X				2		
2	15142-PZ-2	5-22-15	1030	X		GW	X				2		
3	15142-PZ-3	5-22-15	1112	X		GW	X				2		
4	15142-MW-1	5-22-15	1148			GW	X				2		
5	15142-Dup	5-22-15	1200	X		GW	X				2		
6	Trip Blank					W	X				2		
7													
8													
9													
10													
11													
12													
13													
14													
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION				RECEIPT	
1:		5-22-15 1255		1:		05/22/2015 12:55 PM		PROJECT NAME: TLC Cleaners				Total # of Containers 12	
2:				2:				PROJECT #:				☒ Turnaround Time Request ☐ Standard 5 Business Days ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same Day Rush (auth req.) ☐ Other _____	
3:				3:				SITE ADDRESS: Marietta, GA					
								SEND REPORT TO: jwick@envplanning.com					
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				INVOICE TO:				STATE PROGRAM (if any): _____	
				OUT / / VIA:				(IF DIFFERENT FROM ABOVE)				E-mail? Y/N; Fax? Y/N	
				IN ☒ CLIENT FedEx UPS MAIL COURIER								DATA PACKAGE: I II III IV	
				☐ GREYHOUND OTHER _____				QUOTE #: _____ PO#: _____					
SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.													

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

Page 2 of 11

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 28-May-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1505L01-001

Client Sample ID: 15142-PZ-1
Collection Date: 5/22/2015 9:46:00 AM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 16:09	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 16:09	CH
Tetrachloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 16:09	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 16:09	CH
Trichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 16:09	CH
Vinyl chloride	BRL	2.0		ug/L	207960	1	05/27/2015 16:09	CH
Surr: 4-Bromofluorobenzene	78	70.6-123		%REC	207960	1	05/27/2015 16:09	CH
Surr: Dibromofluoromethane	112	78.7-124		%REC	207960	1	05/27/2015 16:09	CH
Surr: Toluene-d8	94.6	81.3-120		%REC	207960	1	05/27/2015 16:09	CH

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 28-May-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1505L01-002

Client Sample ID: 15142-PZ-2
Collection Date: 5/22/2015 10:30:00 AM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 16:33	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 16:33	CH
Tetrachloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 16:33	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 16:33	CH
Trichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 16:33	CH
Vinyl chloride	BRL	2.0		ug/L	207960	1	05/27/2015 16:33	CH
Surr: 4-Bromofluorobenzene	79.8	70.6-123		%REC	207960	1	05/27/2015 16:33	CH
Surr: Dibromofluoromethane	116	78.7-124		%REC	207960	1	05/27/2015 16:33	CH
Surr: Toluene-d8	93.5	81.3-120		%REC	207960	1	05/27/2015 16:33	CH

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 28-May-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1505L01-003

Client Sample ID: 15142-PZ-3
Collection Date: 5/22/2015 11:12:00 AM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 16:59	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 16:59	CH
Tetrachloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 16:59	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 16:59	CH
Trichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 16:59	CH
Vinyl chloride	BRL	2.0		ug/L	207960	1	05/27/2015 16:59	CH
Surr: 4-Bromofluorobenzene	80	70.6-123		%REC	207960	1	05/27/2015 16:59	CH
Surr: Dibromofluoromethane	109	78.7-124		%REC	207960	1	05/27/2015 16:59	CH
Surr: Toluene-d8	96.1	81.3-120		%REC	207960	1	05/27/2015 16:59	CH

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 28-May-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1505L01-004

Client Sample ID: 15142-MW-1
Collection Date: 5/22/2015 11:48:00 AM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 17:22	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 17:22	CH
Tetrachloroethene	19	5.0		ug/L	207960	1	05/27/2015 17:22	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 17:22	CH
Trichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 17:22	CH
Vinyl chloride	BRL	2.0		ug/L	207960	1	05/27/2015 17:22	CH
Surr: 4-Bromofluorobenzene	75.5	70.6-123		%REC	207960	1	05/27/2015 17:22	CH
Surr: Dibromofluoromethane	113	78.7-124		%REC	207960	1	05/27/2015 17:22	CH
Surr: Toluene-d8	95	81.3-120		%REC	207960	1	05/27/2015 17:22	CH

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 28-May-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1505L01-005

Client Sample ID: 15142-DUP
Collection Date: 5/22/2015 12:00:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 17:46	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 17:46	CH
Tetrachloroethene	17	5.0		ug/L	207960	1	05/27/2015 17:46	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 17:46	CH
Trichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 17:46	CH
Vinyl chloride	BRL	2.0		ug/L	207960	1	05/27/2015 17:46	CH
Surr: 4-Bromofluorobenzene	76.3	70.6-123		%REC	207960	1	05/27/2015 17:46	CH
Surr: Dibromofluoromethane	113	78.7-124		%REC	207960	1	05/27/2015 17:46	CH
Surr: Toluene-d8	94.4	81.3-120		%REC	207960	1	05/27/2015 17:46	CH

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 28-May-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1505L01-006

Client Sample ID: TRIPBLANK
Collection Date: 5/22/2015
Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 14:46	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 14:46	CH
Tetrachloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 14:46	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 14:46	CH
Trichloroethene	BRL	5.0		ug/L	207960	1	05/27/2015 14:46	CH
Vinyl chloride	BRL	2.0		ug/L	207960	1	05/27/2015 14:46	CH
Surr: 4-Bromofluorobenzene	75.8	70.6-123		%REC	207960	1	05/27/2015 14:46	CH
Surr: Dibromofluoromethane	99.8	78.7-124		%REC	207960	1	05/27/2015 14:46	CH
Surr: Toluene-d8	90.5	81.3-120		%REC	207960	1	05/27/2015 14:46	CH

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Env. Planning Work Order Number 1505601

Checklist completed by [Signature] Date 5/22/15
Signature Date

Carrier name: FedEx ☐ UPS ☐ Courier ☐ Client ☒ US Mail ☐ Other ☐

Shipping container/cooler in good condition? Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

Container/Temp Blank temperature in compliance? ($0^{\circ} \leq 6^{\circ}C$) * Yes ☒ No ☐

Cooler #1 3.2°C Cooler #2 ☐ Cooler #3 ☐ Cooler #4 ☐ Cooler #5 ☐ Cooler #6 ☐

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Was TAT marked on the COC? Yes ☒ No ☐

Proceed with Standard TAT as per project history? Yes ☐ No ☐ Not Applicable ☒

Water - VOA vials have zero headspace? No VOA vials submitted ☐ Yes ☒ No ☐

Water - pH acceptable upon receipt? Yes ☒ No ☐ Not Applicable ☐

Adjusted? ☐ Checked by ☐

Sample Condition: Good ☒ Other(Explain) ☐

(For diffusive samples or AIHA lead) Is a known blank included? Yes ☐ No ☒

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1505L01

ANALYTICAL QC SUMMARY REPORT**BatchID: 207960**

Sample ID: MB-207960	Client ID:					Units: ug/L	Prep Date: 05/26/2015	Run No: 292486			
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 207960	Analysis Date: 05/26/2015	Seq No: 6230337			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	5.0									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	40.26	0	50.00		80.5	70.6	123				
Surr: Dibromofluoromethane	53.06	0	50.00		106	78.7	124				
Surr: Toluene-d8	43.57	0	50.00		87.1	81.3	120				

Sample ID: LCS-207960	Client ID:					Units: ug/L	Prep Date: 05/26/2015	Run No: 292656			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 207960	Analysis Date: 05/26/2015	Seq No: 6230824			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	52.71	5.0	50.00		105	64.2	137				
Trichloroethene	46.35	5.0	50.00		92.7	70.5	134				
Surr: 4-Bromofluorobenzene	41.87	0	50.00		83.7	70.6	123				
Surr: Dibromofluoromethane	46.34	0	50.00		92.7	78.7	124				
Surr: Toluene-d8	43.31	0	50.00		86.6	81.3	120				

Sample ID: 1505M15-001AMS	Client ID:					Units: ug/L	Prep Date: 05/26/2015	Run No: 292486			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 207960	Analysis Date: 05/26/2015	Seq No: 6230341			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	642.1	50	500.0		128	60.5	156				
Trichloroethene	587.1	50	500.0		117	71.8	139				
Surr: 4-Bromofluorobenzene	415.9	0	500.0		83.2	70.6	123				
Surr: Dibromofluoromethane	502.5	0	500.0		100	78.7	124				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1505L01

ANALYTICAL QC SUMMARY REPORT

BatchID: 207960

Sample ID: 1505M15-001AMS	Client ID:					Units: ug/L	Prep Date: 05/26/2015	Run No: 292486			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 207960	Analysis Date: 05/26/2015	Seq No: 6230341			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Toluene-d8	430.1	0	500.0		86.0	81.3	120				
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Sample ID: 1505M15-001AMSD	Client ID:					Units: ug/L	Prep Date: 05/26/2015	Run No: 292486			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 207960	Analysis Date: 05/26/2015	Seq No: 6230342			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	669.9	50	500.0		134	60.5	156	642.1	4.24	20	
Trichloroethene	576.7	50	500.0		115	71.8	139	587.1	1.79	20	
Surr: 4-Bromofluorobenzene	478.1	0	500.0		95.6	70.6	123	415.9	0	0	
Surr: Dibromofluoromethane	495.7	0	500.0		99.1	78.7	124	502.5	0	0	
Surr: Toluene-d8	458.6	0	500.0		91.7	81.3	120	430.1	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

July 13, 2015

Justin Vickery
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway
Atlanta GA 30338

TEL: (404) 315-9113
FAX: (404) 315-8509

RE: TLC Cleaners

Dear Justin Vickery:

Order No: 1507324

Analytical Environmental Services, Inc. received 13 samples on 7/6/2015 11:36:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/15-06/30/16.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Nicole Jessup
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1507324

Date: 7-6-2015 Page 1 of 1

COMPANY: EPS Inc		ADDRESS: 1050 Crown Pointe Pkwy Suite 550 Atlanta, GA 30338		ANALYSIS REQUESTED										Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers												
PHONE: 404 315 9113		FAX:		SAP VOCs Total VOCs 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20										REMARKS														
SAMPLED BY: Alex Testoff		SIGNATURE: Alex Testoff																										
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	H	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	REMARKS	No # of Containers
1	15787-SB-32-2	7-6-2015	8:45	X		So	X	X																		* VOC test for	4	
2	15787-SB-32-2-SPLP		8:48	X		So	X	X																		"Total VOC" & "SAP VOCs" samples =	1	
3	15787-SB-32-10		8:52	X		So	X	X																		PCE, TCE,	4	
4	15787-SB-32-10-SPLP		8:57	X		So	X	X																		cis/trans DCE, VC,	1	
5	15787-SB-33-2		9:15	X		So	X	X																		1,1-DCE	4	
6	15787-SB-33-2-SPLP		9:18	X		So	X	X																				1
7	15787-SB-33-10		9:23	X		So	X	X																				4
8	15787-SB-33-10-SPLP		9:27	X		So	X	X																				1
9	15787-SB-34-2		9:42	X		So	X	X																				4
10	15787-SB-34-2-SPLP		9:45	X		So	X	X																				1
11	15787-SB-34-10		9:50	X		So	X	X																				4
12	15787-SB-34-10-SPLP		9:53	X		So	X	X																				1
13	Trip Blank					W	X																			** Total VOC sample	2	
14																										Preservative: H2O2, NaHSO4, & ice		
RELINQUISHED BY: Alex Testoff		DATE/TIME: 7-6-2015 11:36		RECEIVED BY: [Signature]		DATE/TIME: 7/6/15 11:36		PROJECT INFORMATION										RECEIPT										
1: Alex Testoff		2: Alex Testoff		1: [Signature]		2: [Signature]		PROJECT NAME: TLC Cleaners										Total # of Containers: 32										
3: [Signature]		3: [Signature]		3: [Signature]		3: [Signature]		PROJECT #: [Blank]										Turnaround Time Request										
								SITE ADDRESS: Marietta, GA										Standard 5 Business Days										
								SEND REPORT TO: jwickery@envplaninc.com & atestoff@envplaninc.com										2 Business Day Rush										
								INVOICE TO: (IF DIFFERENT FROM ABOVE)										Next Business Day Rush										
																		Same Day Rush (auth req.)										
																		Other										
																		STATE PROGRAM (if any):										
																		E-mail? Y/N; Fax? Y/N										
																		DATA PACKAGE: I II III IV										

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.

SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

Client: Environmental Planning Specialists, Inc.
Project: TLC Cleaners
Lab ID: 1507324

Case Narrative

Volatile Organic Compounds Analysis by Method 8260B:

Percent recovery for the internal standard compound Pentafluorobenzene on sample 1507324-001 A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Analytical Environmental Services, Inc

Date: 13-Jul-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1507324-001

Client Sample ID: 15787-SB-32-2
Collection Date: 7/6/2015 8:45:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1-Dichloroethene	BRL	3.5		ug/Kg-dry	209934	1	07/09/2015 09:47	AR
cis-1,2-Dichloroethene	BRL	3.5		ug/Kg-dry	209934	1	07/09/2015 09:47	AR
Tetrachloroethene	2700	210		ug/Kg-dry	209962	50	07/10/2015 13:31	TH
trans-1,2-Dichloroethene	BRL	3.5		ug/Kg-dry	209934	1	07/09/2015 09:47	AR
Trichloroethene	BRL	3.5		ug/Kg-dry	209934	1	07/09/2015 09:47	AR
Vinyl chloride	BRL	6.9		ug/Kg-dry	209934	1	07/09/2015 09:47	AR
Surr: 4-Bromofluorobenzene	92.4	70-128		%REC	209962	50	07/10/2015 13:31	TH
Surr: 4-Bromofluorobenzene	73.8	70-128		%REC	209934	1	07/09/2015 09:47	AR
Surr: Dibromofluoromethane	108	78.2-128		%REC	209962	50	07/10/2015 13:31	TH
Surr: Dibromofluoromethane	107	78.2-128		%REC	209934	1	07/09/2015 09:47	AR
Surr: Toluene-d8	98.6	76.5-116		%REC	209962	50	07/10/2015 13:31	TH
Surr: Toluene-d8	94.4	76.5-116		%REC	209934	1	07/09/2015 09:47	AR
PERCENT MOISTURE D2216								
Percent Moisture	12.3	0		wt%	R295672	1	07/10/2015 10:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 13-Jul-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1507324-002

Client Sample ID: 15787-SB-32-2-SPLP
Collection Date: 7/6/2015 8:48:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
1,1-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 11:09	TH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 11:09	TH
Tetrachloroethene	5.3	5.0		ug/L	210024	1	07/10/2015 11:09	TH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 11:09	TH
Trichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 11:09	TH
Vinyl chloride	BRL	2.0		ug/L	210024	1	07/10/2015 11:09	TH
Surr: 4-Bromofluorobenzene	92.6	68.7-127		%REC	210024	1	07/10/2015 11:09	TH
Surr: Dibromofluoromethane	95.7	77.4-121		%REC	210024	1	07/10/2015 11:09	TH
Surr: Toluene-d8	96.5	79.2-120		%REC	210024	1	07/10/2015 11:09	TH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 13-Jul-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1507324-003

Client Sample ID: 15787-SB-32-10
Collection Date: 7/6/2015 8:52:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1-Dichloroethene	BRL	4.1		ug/Kg-dry	209934	1	07/09/2015 10:15	AR
cis-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	209934	1	07/09/2015 10:15	AR
Tetrachloroethene	2500	200		ug/Kg-dry	209962	50	07/10/2015 11:56	TH
trans-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	209934	1	07/09/2015 10:15	AR
Trichloroethene	BRL	4.1		ug/Kg-dry	209934	1	07/09/2015 10:15	AR
Vinyl chloride	BRL	8.1		ug/Kg-dry	209934	1	07/09/2015 10:15	AR
Surr: 4-Bromofluorobenzene	90.1	70-128		%REC	209962	50	07/10/2015 11:56	TH
Surr: 4-Bromofluorobenzene	81.4	70-128		%REC	209934	1	07/09/2015 10:15	AR
Surr: Dibromofluoromethane	107	78.2-128		%REC	209962	50	07/10/2015 11:56	TH
Surr: Dibromofluoromethane	121	78.2-128		%REC	209934	1	07/09/2015 10:15	AR
Surr: Toluene-d8	96.9	76.5-116		%REC	209962	50	07/10/2015 11:56	TH
Surr: Toluene-d8	101	76.5-116		%REC	209934	1	07/09/2015 10:15	AR
PERCENT MOISTURE D2216								
Percent Moisture	21.5	0		wt%	R295672	1	07/10/2015 10:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 13-Jul-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1507324-004

Client Sample ID: 15787-SB-32-10-SPLP
Collection Date: 7/6/2015 8:57:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
1,1-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 11:33	TH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 11:33	TH
Tetrachloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 11:33	TH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 11:33	TH
Trichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 11:33	TH
Vinyl chloride	BRL	2.0		ug/L	210024	1	07/10/2015 11:33	TH
Surr: 4-Bromofluorobenzene	93.8	68.7-127		%REC	210024	1	07/10/2015 11:33	TH
Surr: Dibromofluoromethane	95.9	77.4-121		%REC	210024	1	07/10/2015 11:33	TH
Surr: Toluene-d8	95.9	79.2-120		%REC	210024	1	07/10/2015 11:33	TH

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 13-Jul-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1507324-005

Client Sample ID: 15787-SB-33-2
Collection Date: 7/6/2015 9:15:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1-Dichloroethene	BRL	3.1		ug/Kg-dry	209934	1	07/10/2015 12:31	CG
cis-1,2-Dichloroethene	BRL	3.1		ug/Kg-dry	209934	1	07/10/2015 12:31	CG
Tetrachloroethene	3700	180		ug/Kg-dry	209962	50	07/10/2015 12:43	TH
trans-1,2-Dichloroethene	BRL	3.1		ug/Kg-dry	209934	1	07/10/2015 12:31	CG
Trichloroethene	BRL	3.1		ug/Kg-dry	209934	1	07/10/2015 12:31	CG
Vinyl chloride	BRL	6.1		ug/Kg-dry	209934	1	07/10/2015 12:31	CG
Surr: 4-Bromofluorobenzene	95.7	70-128		%REC	209962	50	07/10/2015 12:43	TH
Surr: 4-Bromofluorobenzene	87.2	70-128		%REC	209934	1	07/10/2015 12:31	CG
Surr: Dibromofluoromethane	111	78.2-128		%REC	209962	50	07/10/2015 12:43	TH
Surr: Dibromofluoromethane	99.8	78.2-128		%REC	209934	1	07/10/2015 12:31	CG
Surr: Toluene-d8	99.4	76.5-116		%REC	209962	50	07/10/2015 12:43	TH
Surr: Toluene-d8	93.1	76.5-116		%REC	209934	1	07/10/2015 12:31	CG
PERCENT MOISTURE D2216								
Percent Moisture	17.0	0		wt%	R295672	1	07/10/2015 10:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 13-Jul-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1507324-006

Client Sample ID: 15787-SB-33-2-SPLP
Collection Date: 7/6/2015 9:18:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
1,1-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 11:58	TH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 11:58	TH
Tetrachloroethene	49	5.0		ug/L	210024	1	07/10/2015 11:58	TH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 11:58	TH
Trichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 11:58	TH
Vinyl chloride	BRL	2.0		ug/L	210024	1	07/10/2015 11:58	TH
Surr: 4-Bromofluorobenzene	92.1	68.7-127		%REC	210024	1	07/10/2015 11:58	TH
Surr: Dibromofluoromethane	92.5	77.4-121		%REC	210024	1	07/10/2015 11:58	TH
Surr: Toluene-d8	94.3	79.2-120		%REC	210024	1	07/10/2015 11:58	TH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 13-Jul-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1507324-007

Client Sample ID: 15787-SB-33-10
Collection Date: 7/6/2015 9:23:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	209981	1	07/09/2015 20:54	CG
cis-1,2-Dichloroethene	5.3	3.4		ug/Kg-dry	209981	1	07/09/2015 20:54	CG
Tetrachloroethene	55000	2000		ug/Kg-dry	209962	500	07/10/2015 12:20	TH
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	209981	1	07/09/2015 20:54	CG
Trichloroethene	6.7	3.4		ug/Kg-dry	209981	1	07/09/2015 20:54	CG
Vinyl chloride	BRL	6.8		ug/Kg-dry	209981	1	07/09/2015 20:54	CG
Surr: 4-Bromofluorobenzene	92.3	70-128		%REC	209962	500	07/10/2015 12:20	TH
Surr: 4-Bromofluorobenzene	94.8	70-128		%REC	209981	1	07/09/2015 20:54	CG
Surr: Dibromofluoromethane	108	78.2-128		%REC	209962	500	07/10/2015 12:20	TH
Surr: Dibromofluoromethane	98.2	78.2-128		%REC	209981	1	07/09/2015 20:54	CG
Surr: Toluene-d8	97.4	76.5-116		%REC	209962	500	07/10/2015 12:20	TH
Surr: Toluene-d8	95.7	76.5-116		%REC	209981	1	07/09/2015 20:54	CG
PERCENT MOISTURE D2216								
Percent Moisture	22.9	0		wt%	R295672	1	07/10/2015 10:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 13-Jul-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1507324-008

Client Sample ID: 15787-SB-33-10-SPLP
Collection Date: 7/6/2015 9:27:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
1,1-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 12:23	TH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 12:23	TH
Tetrachloroethene	23	5.0		ug/L	210024	1	07/10/2015 12:23	TH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 12:23	TH
Trichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 12:23	TH
Vinyl chloride	BRL	2.0		ug/L	210024	1	07/10/2015 12:23	TH
Surr: 4-Bromofluorobenzene	94.4	68.7-127		%REC	210024	1	07/10/2015 12:23	TH
Surr: Dibromofluoromethane	95.3	77.4-121		%REC	210024	1	07/10/2015 12:23	TH
Surr: Toluene-d8	97.7	79.2-120		%REC	210024	1	07/10/2015 12:23	TH

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 13-Jul-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1507324-009

Client Sample ID: 15787-SB-34-2
Collection Date: 7/6/2015 9:42:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1-Dichloroethene	BRL	3.1		ug/Kg-dry	209934	1	07/10/2015 13:19	CG
cis-1,2-Dichloroethene	BRL	3.1		ug/Kg-dry	209934	1	07/10/2015 13:19	CG
Tetrachloroethene	5300	170		ug/Kg-dry	209962	50	07/10/2015 16:03	TH
trans-1,2-Dichloroethene	BRL	3.1		ug/Kg-dry	209934	1	07/10/2015 13:19	CG
Trichloroethene	BRL	3.1		ug/Kg-dry	209934	1	07/10/2015 13:19	CG
Vinyl chloride	BRL	6.1		ug/Kg-dry	209934	1	07/10/2015 13:19	CG
Surr: 4-Bromofluorobenzene	91.3	70-128		%REC	209962	50	07/10/2015 16:03	TH
Surr: 4-Bromofluorobenzene	89.3	70-128		%REC	209934	1	07/10/2015 13:19	CG
Surr: Dibromofluoromethane	91.2	78.2-128		%REC	209962	50	07/10/2015 16:03	TH
Surr: Dibromofluoromethane	105	78.2-128		%REC	209934	1	07/10/2015 13:19	CG
Surr: Toluene-d8	95	76.5-116		%REC	209962	50	07/10/2015 16:03	TH
Surr: Toluene-d8	95.1	76.5-116		%REC	209934	1	07/10/2015 13:19	CG
PERCENT MOISTURE D2216								
Percent Moisture	16.7	0		wt%	R295672	1	07/10/2015 10:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Date: 13-Jul-15

Client Sample ID: 15787-SB-34-2-SPLP
Collection Date: 7/6/2015 9:45:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS	SW1312/8260B				(SW5030B)			
1,1-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 14:25	TH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 14:25	TH
Tetrachloroethene	8.0	5.0		ug/L	210024	1	07/10/2015 14:25	TH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 14:25	TH
Trichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 14:25	TH
Vinyl chloride	BRL	2.0		ug/L	210024	1	07/10/2015 14:25	TH
Surr: 4-Bromofluorobenzene	92.9	68.7-127		%REC	210024	1	07/10/2015 14:25	TH
Surr: Dibromofluoromethane	95.4	77.4-121		%REC	210024	1	07/10/2015 14:25	TH
Surr: Toluene-d8	96	79.2-120		%REC	210024	1	07/10/2015 14:25	TH

E	Estimated (value above quantitation range)
S	Spike Recovery outside limits due to matrix
Narr	See case narrative
NC	Not confirmed
<	Less than Result value
J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 13-Jul-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1507324-011

Client Sample ID: 15787-SB-34-10
Collection Date: 7/6/2015 9:50:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1-Dichloroethene	BRL	3.2		ug/Kg-dry	209981	1	07/09/2015 21:18	CG
cis-1,2-Dichloroethene	18	3.2		ug/Kg-dry	209981	1	07/09/2015 21:18	CG
Tetrachloroethene	46000	1700		ug/Kg-dry	209962	500	07/10/2015 13:07	TH
trans-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	209981	1	07/09/2015 21:18	CG
Trichloroethene	23	3.2		ug/Kg-dry	209981	1	07/09/2015 21:18	CG
Vinyl chloride	BRL	6.3		ug/Kg-dry	209981	1	07/09/2015 21:18	CG
Surr: 4-Bromofluorobenzene	93.7	70-128		%REC	209962	500	07/10/2015 13:07	TH
Surr: 4-Bromofluorobenzene	90.9	70-128		%REC	209981	1	07/09/2015 21:18	CG
Surr: Dibromofluoromethane	109	78.2-128		%REC	209962	500	07/10/2015 13:07	TH
Surr: Dibromofluoromethane	95	78.2-128		%REC	209981	1	07/09/2015 21:18	CG
Surr: Toluene-d8	97.8	76.5-116		%REC	209962	500	07/10/2015 13:07	TH
Surr: Toluene-d8	102	76.5-116		%REC	209981	1	07/09/2015 21:18	CG
PERCENT MOISTURE D2216								
Percent Moisture	24.0	0		wt%	R295672	1	07/10/2015 10:00	PF

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 13-Jul-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1507324-012

Client Sample ID: 15787-SB-34-10-SPLP
Collection Date: 7/6/2015 9:53:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
1,1-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 14:50	TH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 14:50	TH
Tetrachloroethene	12	5.0		ug/L	210024	1	07/10/2015 14:50	TH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 14:50	TH
Trichloroethene	BRL	5.0		ug/L	210024	1	07/10/2015 14:50	TH
Vinyl chloride	BRL	2.0		ug/L	210024	1	07/10/2015 14:50	TH
Surr: 4-Bromofluorobenzene	94.7	68.7-127		%REC	210024	1	07/10/2015 14:50	TH
Surr: Dibromofluoromethane	95.1	77.4-121		%REC	210024	1	07/10/2015 14:50	TH
Surr: Toluene-d8	99.9	79.2-120		%REC	210024	1	07/10/2015 14:50	TH

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 13-Jul-15

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Lab ID: 1507324-013

Client Sample ID: TRIP BLANK
Collection Date: 7/6/2015
Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1-Dichloroethene	BRL	5.0		ug/L	209922	1	07/08/2015 12:11	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	209922	1	07/08/2015 12:11	CH
Tetrachloroethene	BRL	5.0		ug/L	209922	1	07/08/2015 12:11	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209922	1	07/08/2015 12:11	CH
Trichloroethene	BRL	5.0		ug/L	209922	1	07/08/2015 12:11	CH
Vinyl chloride	BRL	2.0		ug/L	209922	1	07/08/2015 12:11	CH
Surr: 4-Bromofluorobenzene	91.6	70.6-123		%REC	209922	1	07/08/2015 12:11	CH
Surr: Dibromofluoromethane	98.5	78.7-124		%REC	209922	1	07/08/2015 12:11	CH
Surr: Toluene-d8	102	81.3-120		%REC	209922	1	07/08/2015 12:11	CH

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client ENV. Planning Work Order Number 107334

Checklist completed by Miriam Pacurar Date 7/6/2015
Signature Date

Carrier name: FedEx ☐ UPS ☐ Courier ☐ Client ☒ US Mail ☐ Other ☐

Shipping container/cooler in good condition? Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

Container/Temp Blank temperature in compliance? ($0^{\circ} \leq 6^{\circ}C$) * Yes ☒ No ☐

Cooler #1 3.4°C Cooler #2 3.1°C Cooler #3 ☐ Cooler #4 ☐ Cooler #5 ☐ Cooler #6 ☐

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Was TAT marked on the COC? Yes ☒ No ☐

Proceed with Standard TAT as per project history? Yes ☐ No ☐ Not Applicable ☒

Water - VOA vials have zero headspace? No VOA vials submitted ☐ Yes ☒ No ☐

Water - pH acceptable upon receipt? Yes ☒ No ☐ Not Applicable ☐

Sample Condition: Good ☒ Adjusted? ☐ Checked by ☐
Other(Explain) ☐

(For diffusive samples or AIHA lead) Is a known blank included? Yes ☐ No ☒

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\Aes_server\\Sample Receipt\\My Documents\\COCs and pH Adjustment Sheet\\Sample_Cooler_Receipt_Checklist_Rev1.rtf

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1507324

ANALYTICAL QC SUMMARY REPORT**BatchID: 209922**

Sample ID: MB-209922	Client ID:					Units: ug/L	Prep Date: 07/08/2015	Run No: 295526			
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209922	Analysis Date: 07/08/2015	Seq No: 6301625			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	5.0									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	44.69	0	50.00		89.4	70.6	123				
Surr: Dibromofluoromethane	50.47	0	50.00		101	78.7	124				
Surr: Toluene-d8	50.50	0	50.00		101	81.3	120				

Sample ID: LCS-209922	Client ID:					Units: ug/L	Prep Date: 07/08/2015	Run No: 295526			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209922	Analysis Date: 07/08/2015	Seq No: 6301623			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	58.18	5.0	50.00		116	64.2	137				
Trichloroethene	53.13	5.0	50.00		106	70.5	134				
Surr: 4-Bromofluorobenzene	46.31	0	50.00		92.6	70.6	123				
Surr: Dibromofluoromethane	48.32	0	50.00		96.6	78.7	124				
Surr: Toluene-d8	49.17	0	50.00		98.3	81.3	120				

Sample ID: 1507400-014AMS	Client ID:				Units: ug/L	Prep Date: 07/08/2015	Run No: 295526				
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 209922	Analysis Date: 07/08/2015	Seq No: 6301654				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	563.5	50	500.0		113	60.5	156				
Trichloroethene	557.2	50	500.0		111	71.8	139				
Surr: 4-Bromofluorobenzene	413.4	0	500.0		82.7	70.6	123				
Surr: Dibromofluoromethane	510.2	0	500.0		102	78.7	124				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1507324

ANALYTICAL QC SUMMARY REPORT

BatchID: 209922

Sample ID: 1507400-014AMS	Client ID:	Units: ug/L			Prep Date: 07/08/2015	Run No: 295526					
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 209922			Analysis Date: 07/08/2015	Seq No: 6301654					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Toluene-d8	504.6	0	500.0		101	81.3	120				
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Sample ID: 1507400-014AMSD	Client ID:	Units: ug/L				Prep Date: 07/08/2015	Run No: 295526				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 209922				Analysis Date: 07/08/2015	Seq No: 6301655				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	535.5	50	500.0		107	60.5	156	563.5	5.10	20	
Trichloroethene	502.7	50	500.0		101	71.8	139	557.2	10.3	20	
Surr: 4-Bromofluorobenzene	424.4	0	500.0		84.9	70.6	123	413.4	0	0	
Surr: Dibromofluoromethane	480.3	0	500.0		96.1	78.7	124	510.2	0	0	
Surr: Toluene-d8	487.4	0	500.0		97.5	81.3	120	504.6	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1507324

ANALYTICAL QC SUMMARY REPORT**BatchID: 209934**

Sample ID: MB-209934	Client ID:					Units: ug/Kg	Prep Date: 07/08/2015	Run No: 295522			
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS	SW8260B				BatchID: 209934	Analysis Date: 07/08/2015	Seq No: 6301273			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	5.0									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	45.37	0	50.00		90.7	70	128				
Surr: Dibromofluoromethane	49.45	0	50.00		98.9	78.2	128				
Surr: Toluene-d8	47.84	0	50.00		95.7	76.5	116				

Sample ID: LCS-209934	Client ID:					Units: ug/Kg	Prep Date: 07/08/2015	Run No: 295522			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209934	Analysis Date: 07/08/2015	Seq No: 6301270			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	57.47	5.0	50.00		115	69.9	145				
Trichloroethene	62.09	5.0	50.00		124	71.7	136				
Surr: 4-Bromofluorobenzene	46.86	0	50.00		93.7	70	128				
Surr: Dibromofluoromethane	50.34	0	50.00		101	78.2	128				
Surr: Toluene-d8	47.15	0	50.00		94.3	76.5	116				

Sample ID: 1506U56-005AMS	Client ID:					Units: ug/Kg-dry	Prep Date: 07/08/2015	Run No: 295522			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS	SW8260B	BatchID: 209934				Analysis Date: 07/08/2015	Seq No: 6302331			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	62.85	5.9	58.70		107	56.6	151				
Trichloroethene	69.29	5.9	58.70		118	70.1	137				
Surr: 4-Bromofluorobenzene	53.66	0	58.70		91.4	70	128				
Surr: Dibromofluoromethane	58.16	0	58.70		99.1	78.2	128				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1507324

ANALYTICAL QC SUMMARY REPORT

BatchID: 209934

Sample ID: 1506U56-005AMS	Client ID:	Units: ug/Kg-dry				Prep Date: 07/08/2015	Run No: 295522				
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 209934				Analysis Date: 07/08/2015	Seq No: 6302331				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Toluene-d8	55.11	0	58.70		93.9	76.5	116				
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Sample ID: 1506U56-005AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 07/08/2015	Run No: 295522			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209934	Analysis Date: 07/08/2015	Seq No: 6302332			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	60.74	5.9	58.70		103	56.6	151	62.85	3.42	20.4	
Trichloroethene	66.66	5.9	58.70		114	70.1	137	69.29	3.87	17	
Surr: 4-Bromofluorobenzene	53.54	0	58.70		91.2	70	128	53.66	0	0	
Surr: Dibromofluoromethane	58.94	0	58.70		100	78.2	128	58.16	0	0	
Surr: Toluene-d8	56.30	0	58.70		95.9	76.5	116	55.11	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1507324

ANALYTICAL QC SUMMARY REPORT**BatchID: 209962**

Sample ID: MB-209962	Client ID:					Units: ug/Kg	Prep Date: 07/09/2015	Run No: 295579			
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS	SW8260B				BatchID: 209962	Analysis Date: 07/09/2015	Seq No: 6303124			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	250									
cis-1,2-Dichloroethene	BRL	250									
Tetrachloroethene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
Trichloroethene	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2029	0	2500		81.2	70	128				
Surr: Dibromofluoromethane	2356	0	2500		94.2	78.2	128				
Surr: Toluene-d8	2148	0	2500		85.9	76.5	116				

Sample ID: LCS-209962	Client ID:					Units: ug/Kg	Prep Date: 07/09/2015	Run No: 295579			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209962	Analysis Date: 07/09/2015	Seq No: 6303125			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2419	250	2500		96.8	69.9	145				
Trichloroethene	1813	250	2500		72.5	71.7	136				
Surr: 4-Bromofluorobenzene	1932	0	2500		77.3	70	128				
Surr: Dibromofluoromethane	2376	0	2500		95.0	78.2	128				
Surr: Toluene-d8	2174	0	2500		87.0	76.5	116				

Sample ID: 1506U56-017AMS	Client ID:					Units: ug/Kg-dry	Prep Date: 07/09/2015	Run No: 295579			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209962	Analysis Date: 07/09/2015	Seq No: 6303727			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	3336	330	3252		103	56.6	151				
Trichloroethene	2588	330	3252		79.6	70.1	137				
Surr: 4-Bromofluorobenzene	2344	0	3252		72.1	70	128				
Surr: Dibromofluoromethane	2981	0	3252		91.7	78.2	128				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1507324

ANALYTICAL QC SUMMARY REPORT

BatchID: 209962

Sample ID: 1506U56-017AMS	Client ID:	Units: ug/Kg-dry				Prep Date: 07/09/2015	Run No: 295579				
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 209962				Analysis Date: 07/09/2015	Seq No: 6303727				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Toluene-d8 2828 0 3252 86.9 76.5 116

Sample ID: 1506U56-017AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 07/09/2015	Run No: 295579			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209962	Analysis Date: 07/09/2015	Seq No: 6303845			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene 3402 330 3252 105 56.6 151 3336 1.97 20.4
Trichloroethene 2627 330 3252 80.8 70.1 137 2588 1.52 17
Surr: 4-Bromofluorobenzene 2341 0 3252 72.0 70 128 2344 0 0
Surr: Dibromofluoromethane 2983 0 3252 91.7 78.2 128 2981 0 0
Surr: Toluene-d8 2809 0 3252 86.4 76.5 116 2828 0 0

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1507324

ANALYTICAL QC SUMMARY REPORT

BatchID: 209981

Sample ID: MB-209981	Client ID:	Units: ug/Kg				Prep Date: 07/09/2015	Run No: 295566				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 209981				Analysis Date: 07/09/2015	Seq No: 6303976				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	5.0									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	43.84	0	50.00		87.7	70	128				
Surr: Dibromofluoromethane	52.48	0	50.00		105	78.2	128				
Surr: Toluene-d8	49.18	0	50.00		98.4	76.5	116				

Sample ID: LCS-209981	Client ID:					Units: ug/Kg	Prep Date: 07/09/2015	Run No: 295566			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209981	Analysis Date: 07/09/2015	Seq No: 6304084			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	50.30	5.0	50.00		101	69.9	145				
Trichloroethene	61.86	5.0	50.00		124	71.7	136				
Surr: 4-Bromofluorobenzene	44.46	0	50.00		88.9	70	128				
Surr: Dibromofluoromethane	50.10	0	50.00		100	78.2	128				
Surr: Toluene-d8	48.21	0	50.00		96.4	76.5	116				

Sample ID: 1507536-001AMS	Client ID:					Units: ug/Kg	Prep Date: 07/09/2015	Run No: 295566			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209981	Analysis Date: 07/09/2015	Seq No: 6304560			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	40.65	5.0	50.00		81.3	56.6	151				
Trichloroethene	54.56	5.0	50.00		109	70.1	137				
Surr: 4-Bromofluorobenzene	47.12	0	50.00		94.2	70	128				
Surr: Dibromofluoromethane	49.54	0	50.00		99.1	78.2	128				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1507324

ANALYTICAL QC SUMMARY REPORT

BatchID: 209981

Sample ID: 1507536-001AMS	Client ID:	Units: ug/Kg				Prep Date: 07/09/2015	Run No: 295566				
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 209981				Analysis Date: 07/09/2015	Seq No: 6304560				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Toluene-d8	46.93	0	50.00		93.9	76.5	116				
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Sample ID: 1507536-001AMSD	Client ID:	Units: ug/Kg				Prep Date: 07/09/2015	Run No: 295566				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 209981				Analysis Date: 07/09/2015	Seq No: 6304561				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	46.52	5.0	50.00		93.0	56.6	151	40.65	13.5	20.4	
Trichloroethene	57.78	5.0	50.00		116	70.1	137	54.56	5.73	17	
Surr: 4-Bromofluorobenzene	45.50	0	50.00		91.0	70	128	47.12	0	0	
Surr: Dibromofluoromethane	50.50	0	50.00		101	78.2	128	49.54	0	0	
Surr: Toluene-d8	48.95	0	50.00		97.9	76.5	116	46.93	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1507324

ANALYTICAL QC SUMMARY REPORT**BatchID: 210024**

Sample ID: MB-210024	Client ID:				Units: ug/L		Prep Date: 07/10/2015		Run No: 295709		
SampleType: MBLK	TestCode: SPLP (1312) VOLATILE ORGANICS SW1312/8260B				BatchID: 210024		Analysis Date: 07/10/2015		Seq No: 6305456		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	5.0									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	46.86	0	50.00		93.7	68.7	127				
Surr: Dibromofluoromethane	47.88	0	50.00		95.8	77.4	121				
Surr: Toluene-d8	47.59	0	50.00		95.2	79.2	120				

Sample ID: LCS-210024	Client ID:					Units: ug/L	Prep Date: 07/10/2015	Run No: 295709			
SampleType: LCS	TestCode: SPLP (1312) VOLATILE ORGANICS	SW1312/8260B				BatchID: 210024	Analysis Date: 07/10/2015	Seq No: 6306254			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	41.82	5.0	50.00		83.6	56.5	137				
Trichloroethene	46.21	5.0	50.00		92.4	69.8	133				
Surr: 4-Bromofluorobenzene	46.53	0	50.00		93.1	68.7	127				
Surr: Dibromofluoromethane	47.01	0	50.00		94.0	77.4	121				
Surr: Toluene-d8	48.10	0	50.00		96.2	79.2	120				

Sample ID: 1507324-004AMS	Client ID: 15787-SB-32-10-SPLP	Units: ug/L			Prep Date: 07/10/2015	Run No: 295709					
SampleType: MS	TestCode: SPLP (1312) VOLATILE ORGANICS	SW1312/8260B	BatchID: 210024			Analysis Date: 07/10/2015	Seq No: 6305461				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	44.85	5.0	50.00		89.7	60.5	144				
Trichloroethene	47.55	5.0	50.00		95.1	72.3	139				
Surr: 4-Bromofluorobenzene	47.11	0	50.00		94.2	68.7	127				
Surr: Dibromofluoromethane	47.42	0	50.00		94.8	77.4	121				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1507324

ANALYTICAL QC SUMMARY REPORT

BatchID: 210024

Sample ID: 1507324-004AMS	Client ID: 15787-SB-32-10-SPLP	Units: ug/L	Prep Date: 07/10/2015	Run No: 295709							
SampleType: MS	TestCode: SPLP (1312) VOLATILE ORGANICS SW1312/8260B	BatchID: 210024	Analysis Date: 07/10/2015	Seq No: 6305461							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Toluene-d8	47.43	0	50.00		94.9	79.2	120				
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Sample ID: 1507324-004AMSD	Client ID: 15787-SB-32-10-SPLP	Units: ug/L	Prep Date: 07/10/2015	Run No: 295709							
SampleType: MSD	TestCode: SPLP (1312) VOLATILE ORGANICS SW1312/8260B	BatchID: 210024	Analysis Date: 07/10/2015	Seq No: 6305463							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	38.64	5.0	50.00		77.3	60.5	144	44.85	14.9	21.1	
Trichloroethene	42.97	5.0	50.00		85.9	72.3	139	47.55	10.1	20	
Surr: 4-Bromofluorobenzene	47.13	0	50.00		94.3	68.7	127	47.11	0	0	
Surr: Dibromofluoromethane	45.99	0	50.00		92.0	77.4	121	47.42	0	0	
Surr: Toluene-d8	47.74	0	50.00		95.5	79.2	120	47.43	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

APPENDIX F

Monitoring Well Development and Purge Logs

[illegible]

Technician Signature _____

[illegible]

Ferrous Iron (Fe^{2+})= _____ mg/L

Technician Signature [Signature]

Temp probe ID:

Ferrous Iron (Fe²⁺)= **mg/L**

Time Collected: 946

Technician Signature 

Temp probe ID:

Ferrous Iron (Fe²⁺)= **mg/L**

Sample ID: 15142-PZ-2

Time Collected: 1030

Technician Signature

[illegible]

Ferrous Iron (Fe²⁺)= **mg/L**

Technician Signature [Signature]