Prepared for:

IPTV-B-C14, LLC
8401 North Central Expressway, Suite 910
Dallas, TX 75225

VOLUNTARY REMEDIATION PROGRAM
COMPLIANCE STATUS REPORT ADDENDUM #2
Former TLC Cleaners
2060 Lower Roswell Road
Marietta, GA 30068

Prepared by:

1050 Crown Pointe Parkway, Suite 550
Atlanta, Georgia 30338
Tel: 404-315-9113

March 2017

VOLUNTARY REMEDIATION PROGRAM
COMPLIANCE STATUS REPORT ADDENDUM #2

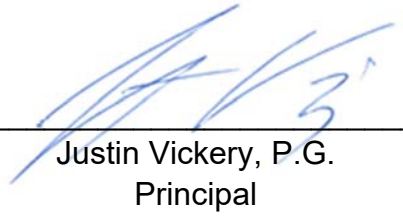
FORMER TLC CLEANERS
2060 LOWER ROSWELL ROAD
MARIETTA, GA 30068

Prepared For:

IPTV-B-C14, LLC
8401 North Central Expressway, Suite 910
Dallas, TX 75225

Prepared By:

1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338
Tel: 404-315-9113



Justin Vickery, P.G.
Principal

March 2017

EPS

VOLUNTARY REMEDIATION PROGRAM
COMPLIANCE STATUS REPORT ADDENDUM #2
Former TLC Cleaners
Marietta, Georgia

March 2017

TABLE OF CONTENTS

LIST OF FIGURES

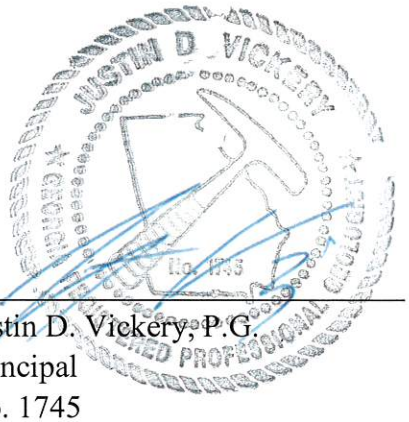
LIST OF TABLES

LIST OF APPENDICES

VOLUNTARY REMEDIATION PROGRAM
COMPLIANCE STATUS REPORT ADDENDUM #2
Former 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 report was prepared by me or by a subordinate working under my direction.



Certified by:_____ Date: 3/8/2017

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

VOLUNTARY REMEDIATION PROGRAM
COMPLIANCE STATUS REPORT ADDENDUM #2
Former TLC Cleaners
Marietta, Georgia

CERTIFICATION OF COMPLIANCE WITH RISK REDUCTION STANDARDS

I certify under penalty of law that this report and all attachments were prepared under my direction in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Based on my review of the findings of this report with respect to the Risk Reduction Standards of the Rules for Hazardous Site Response, Rule 391-3-19-.07, I have determined that the site (Cobb County Tax Parcel 16124400330) is in compliance with Type 4 and Type 5 Risk Reduction Standards (EPS, 2015) for soil.

This site would not have been listed on the Hazardous Site Inventory as a result of a release to groundwater exceeding a reportable quantity. Therefore, in accordance with Georgia Code O.C.G.A § 12-8-107(g)(2), compliance certification for groundwater is not required.

Certified by:  Date: 3/2/2017

Glen Kitto, Director
IPTV-B-C14, LLC

1 INTRODUCTION

1.1 Summary

This Voluntary Remediation Program (VRP) Compliance Status Report (CSR) Addendum #2 is being submitted on behalf of IPTV-B-C14, LLC to document soil gas and indoor air sampling activities conducted at the former TLC Cleaners ("the Site"). The former dry cleaning tenant space ("the Facility") is the western-most tenant space located in the New Market Center shopping center. The Site is located at 2060 Lower Roswell Road in Marietta, Georgia, also known as Cobb County Parcel ID 16124400330, and is 4.805 acres. A Site Location Map is included as Figure 1 (all figures are included in the Figures attachment), and Figure 2 is a Site Plan showing the former layout of the Facility.

1.2 Background

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, church, and a florist. The Facility is currently a florist, and the adjacent, double-wide tenant space is currently vacant. The Facility was occupied by a dry cleaning business from as early as 1989 until it was vacated in early 2015.

As shown on Figure 2, the former dry cleaning machines and drum storage areas 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 beneath the base of the grit trap.

In August 2015, in accordance with the July 2015 VRP Progress Report, soils exhibiting the highest tetrachloroethene (PCE) concentrations were excavated, and sodium permanganate, as a supplemental remedial agent, was allowed to soak into the base of the excavation. Following this remediation, a sub-slab depressurization system, as described in the November 2015 CSR, was installed at the Facility to address any residual risk associated with potential vapor migration through the slab from any remaining PCE concentrations in the subsurface. The extent of the excavation and the location of the sub-slab depressurization system are shown on Figure 2. The sub-slab depressurization operations were initiated in early September 2015.

A CSR was submitted in November 2015 documenting Site activities. At the request of the EPD, in December 2015, soil gas and indoor air sampling was conducted in and adjacent to the Facility to assess the vapor intrusion risk while the sub-slab depressurization system was operating. Sampling results for both soil gas and indoor air were below the EPA Vapor Intrusion Screening Levels (VISLs). The sampling was repeated in January 2016 after the system was shut down for

a period of 30 days. Both the soil gas and the indoor air samples exceeded the VISLs for PCE, as shown in Tables 1 and 2 (all Tables are included in the Tables attachment). The sub-slab depressurization system was restarted following the January sampling event.

A VRP CSR Addendum #1 was submitted in February 2016 to document the December 2015 and the January 2016 sampling. At the request of the EPD, soil gas and indoor air samples were collected in and adjacent to the Facility in July 2016. This and subsequent sampling events are discussed in this VRP CSR Addendum #2.

2 FIELD WORK

2.1 Overview

Sampling results in this section are compared to media-specific VISLs. Indoor air sampling results are summarized in Table 1 and are compared to EPA Non-Residential Target Indoor Air Concentrations (TIACs) for cancer and non-cancer risks[1]. Soil gas results are summarized in Tables 2 and 3 and are compared to either Non-Residential Target Sub-Slab Soil Gas Concentrations (TSSSGCs) or Residential Target Exterior Soil Gas Concentrations (TESGCs)[2]. Soil sampling results are summarized on Table 4 and are compared to EPD Type 1 Risk Reduction Standards (RRSs), Residential RRSs, and Non-Residential RRSs. All laboratory reports are included in Appendix A.

2.2 July 2016 Field Investigation

2.2.1 July 2016 Soil Gas and Indoor Air Sampling

Following the December 2015 and January 2016 soil gas and indoor air sampling, the EPD requested that soil gas and indoor air samples be recollected during the summer to assess vapor intrusion potential with seasonal variability. The EPD also requested that additional locations be sampled, including the following: one soil gas and one indoor air sample from the eastern half of the eastern adjacent suite and one soil gas sample between the Facility and the residential property to the south. In July 2016, samples were collected while the sub-slab depressurization system was operational.

On July 19, 2016, three indoor air samples (IA-1, IA-2, and IA-4) and one ambient air sample (IA-3) were collected at the locations shown on Figure 3. During the sampling event, the Facility was not occupied and the HVAC was not operational. The back door of the Facility was therefore left open in an attempt to simulate air exchange rates under typical workday conditions. In the adjacent suite, the HVAC was operated during the sampling event. The samples were collected using laboratory-supplied negatively pressurized 6-liter summa canisters. The intake for the summa canisters were placed approximately 3-4 feet above the floor/ground and were restricted by laboratory-supplied regulators that allowed the samples to be composited over an 8-hour period.

On July 20, 2016, six soil gas samples (SG-4 through SG-9) were collected at the locations shown on Figure 3. For SG-4 through SG-7, existing vapor probes were sampled. Vapor probes for SG-8 and SG-9 were installed on June 6, 2016. The probe for SG-8 was installed just below the floor slab, similar to the existing probes, by drilling through the concrete slab and into the surficial soil

[1] TIACs were developed using a cancer risk of 10^{-5} and a hazard quotient of 1.

[2] TSSGCs and TESGCs are the same values. The difference is that TSSSGCs apply to soil gas concentrations beneath a floor slab, and TESGCs apply to soil gas located outside of the footprint of a building. TSSGCs an TESGCs were developed using a cancer risk of 10^{-5} and a hazard quotient of 1.

beneath the slab. The probe was then set just below the slab, a sand pack was placed around the probe, and tubing was extended from the probe to just below the surface of the floor. Threaded valves were installed on top of the tubing, and the hole in the slab was sealed. Sample location SG-9 is located outside, south of the building, off of the edge of the parking lot. A boring was advanced with a hand auger to a depth of 2 feet below the ground surface (ft-bgs). The probe, connected to tubing that extended to just below the ground surface, was lowered to the bottom of the boring. A threaded valve was installed on top of the tubing. A sand pack was placed around the probe, and a hydrated bentonite seal was placed on top of the sand pack. A 5-inch diameter flush-mounted vault was grouted in place on top of the tubing at the ground surface.

Prior to sampling the vapor probes, a helium leak test was performed for each of the vapor probes to determine the seal integrity. The Interstate Technology & Regulatory Council's Vapor Intrusion Pathway guidelines for collecting representative soil gas samples state that the concentration of helium observed in the soil vapors within an implant during a helium leak test must be less than 10% of the temporary concentrations generated within a shroud placed over the implant. The leak test results for each of the implants were significantly less than 1%, and therefore, each of the implants passed the leak test. The soil gas samples were collected from the vapor probes using laboratory-supplied negatively pressurized 400 milliliter Summa canisters.

The indoor air, ambient air, and soil gas samples were labeled, logged under standard chain of custody procedures, shipped to H&P Mobile Geochemistry (H&P) in Carlsbad, CA, screened by Method H&P 8260SV, and analyzed by EPA Method TO-15.

2.2.2 July 2016 Sampling Results

PCE results for the July 2016 indoor air and soil gas sampling are shown on Figure 3. PCE was detected in indoor air samples IA-1 (inside Facility) at 250 micrograms per cubic meter ($\mu g/m^3$) and IA-2 (inside adjacent tenant space) at 230 $\mu g/m^3$, both of which are below the Non-Residential TIAC for cancer risk (470 $\mu g/m^3$) but exceed the Non-Residential TIAC for non-cancer risk (180 $\mu g/m^3$). Other VOCs were detected in the indoor air samples at concentrations below the Non-Residential TIACs, and several of these constituent detections are similar to the ambient air concentrations, suggesting that these constituents were present in the surrounding air and did not migrate through the floor slab into the indoor air.

PCE was detected in sub-slab soil gas sample SB-4 at 7,500 $\mu g/m^3$, which is above the Non-Residential TSSSGC (5,800 $\mu g/m^3$). The TSSSGC is a threshold established by the EPA for the purposes of calculating potential indoor air concentrations based on standard attenuation factors applied to sub-slab soil gas concentrations. PCE detections in SG-5 through SB-8 ranged from 650 $\mu g/m^3$ to 1,500 $\mu g/m^3$, which are all below the Non-Residential TSSSGC. Several other VOCs were detected in SG-4 through SG-8 at concentrations significantly below the Non-Residential TSSSGCs.

PCE was detected in exterior soil gas sample SG-9 at 85,000 $\mu g/m^3$, which exceeds the Non-Residential TESGC of 5,800 $\mu g/m^3$. Trichloroethene (TCE) was also detected in SG-9, but the concentration was below the TESGC.

2.3 August 2016 Sub-Slab Depressurization System Fan Upgrade

The PCE concentrations from two of the indoor air samples collected in July 2016 exceeded the Non-Residential TIAC by 30-40% and one of the sub-slab soil gas PCE concentrations exceeded the Non-Residential TSSSGC by 30%. Therefore, in mid-August 2016, the sub-slab depressurization system extraction fans were replaced with fans that can sustain higher air flows at higher vacuums. Vacuum influence, as measured in the field, is shown on Figure 4, which illustrates a significantly larger area of influence associated with the replacement fans.

2.4 August 2016 Field Investigation

2.4.1 August 2016 Soil Gas and Indoor Air Sampling

On August 29, 2016, two indoor air samples (IA-1 and IA-2) and one ambient air sample (IA-3) were collected in the locations shown on Figure 5. During this sampling event, the sub-slab depressurization system was operating and the HVAC was operating in both the Facility and in the adjacent suite. The air samples were collected as described in Section 2.3.1 over an 8-hour period.

On August 29, 2016, following the indoor air collected period, four sub-slab soil gas samples (SG-4 through SG-7) were collected at the locations shown on Figure 5. Leak tests were performed and samples were collected as described in Section 2.3.1.

The indoor air, ambient air, and soil gas samples were labeled, logged under standard chain of custody procedures, delivered to Analytical Environmental Services (AES) in Atlanta, GA, and analyzed by EPA Method TO-15.

2.4.2 August 2016 Sampling Results

The tables below summarize the August and July 2016 sampling results for PCE. In comparing the results, it is clear that both indoor air concentration and soil gas concentrations significantly decreased after the installation of the replacement sub-slab depressurization fans in August 2016.

Table A
Comparison of Indoor Air PCE Concentrations(µg/m^3)

	IA-1	IA-2	IA-3 (Ambient)
Jul-16	250	230	3.3
Aug-16	15.2	7.6	1.4

Note: Results that exceed the TIAC (180 µg/m^3) are shaded.

Table B
Comparison of Indoor Air PCE Concentrations(µg/m^3)

	SG-4	SG-5	SG-6	SG-7
Jul-16	7,500	1,400	970	650
Aug-16	3,200	410	1,100	320

Note: Results that exceed the TSSSGC (5,800 µg/m^3) are shaded.

PCE results for the August 2016 indoor air and soil gas sampling are shown on Figure 5. None of the August 2016 results exceeded the TIACs or the TSSSGCs.

2.5 October 2016 Property Boundary Investigation

2.5.1 October 2016 Soil Gas Sampling

In July 2016, soil gas sample SG-9 was collected approximately 20 feet from the property line, and PCE was detected at 85,000 µg/m^3 (Figure 3). To further assess the area around SG-9 and to determine if vapors were potentially migrating onto the adjacent residential properties, additional soil gas samples were collected in October 2016.

October 28, 2016, vapor probes SG-10 through SG-12 were installed at the locations shown on Figure 6 in a similar manner as SG-9 vapor probe (Section 2.2.1). On October 31, 2016, four exterior soil gas samples (SG-9 through SG-12) were collected at the locations shown on Figure 6. Leak tests were performed and samples were collected as described in Section 2.2.1.

The soil gas samples were labeled, logged under standard chain of custody procedures, delivered to AES, and analyzed by EPA Method TO-15.

2.5.2 October 2016 Sampling Results

PCE results for the October 2016 soil gas sampling are shown on Figure 6. In SG-9, PCE was detected at 59,000 µg/m^3, which is similar to the July 2016 sampling result (85,000 µg/m^3) for that same location. This concentration is above the PCE Non-Residential TSSSCG (5,800 µg/m^3). TCE was detected at 310 µg/m^3, which is above the TCE Non-Residential TSSSGC (290 µg/m^3).

Results for samples SG-10 through SG-12 are compared to Residential TESGCs since these samples were collected along the property line. PCE was detected at concentrations ranging from 21 µg/m^3 to 280 µg/m^3, which are all below the Residential TESGC of 1,400 µg/m^3. TCE was not detected in these samples. Other VOCs were detected significantly lower than their Residential TESGCs.

2.6 February 2017 Field Investigation

2.6.1 February 2017 Soil Sampling

On February 20, 2017, at the request of the EPD, soil sample HA-1-2 was collected immediately adjacent to soil gas sample SG-9 (Figure 7). Boring HA-1 was advanced with a hand auger to a depth of 2 ft-bgs. A clean hand auger bucket was then used to collect the soil sample from a depth of 2 ft-bgs, and the sample was containerized in accordance with EPA Method 5035. Similar sample aliquots were place into three 40-mL glass vials: two preserved with sodium bisulfate and one with methanol. A 2-oz jar was also filled for soil moisture analysis. The sample was placed on ice, logged under standard chain of custody procedures, delivered to AES, and analyzed for selected VOCs by EPA Method 8260B.

2.6.2 February 2017 Sampling Results

PCE was detected in the soil sample at a concentration of 0.15 milligrams per kilogram (mg/kg), which is below the Type 1 RRS of 0.5 mg/kg. No other VOCs were detected. The PCE result is shown on Figure 7.

3 DISCUSSION AND CONCLUSION

As shown by the results of the December 2015 (system operating) and January 2016 (system not operating) sampling events, the sub-slab depressurization system is significantly decreasing the VOC concentrations in the sub-slab soil gas and the indoor air. July 2016 results were slightly above the VISLs. It is likely that these results were due to poor air circulation since the building was not occupied and the HVAC system was not operational at the time of sample collection. However, as an additional precaution, in August 2016, replacement fans were installed in the sub-slab depressurization system, and the system can now manage significantly higher airflow and generate a larger area of vacuum influence than the original fans. Sample concentrations in August 2016 were well below the VISLs. At the request of the EPD and in accordance with the March 2017 Monitoring and Maintenance Plan, another round of indoor air and soil gas samples will be collected during the Fall of 2017 to verify that indoor air conditions remain below the VISLs.

Elevated soil gas concentrations (85,000 µg/m^3 and 59,000 µg/m^3) were detected at the southern edge of the parking lot (SG-9). It is likely that these concentrations are a result of the PCE vapors migrating from the Facility through permeable sewer line backfill and parking lot base material (*i.e.*, gravel) and are not an indication of a separate PCE release to soil, as evidenced by the following:

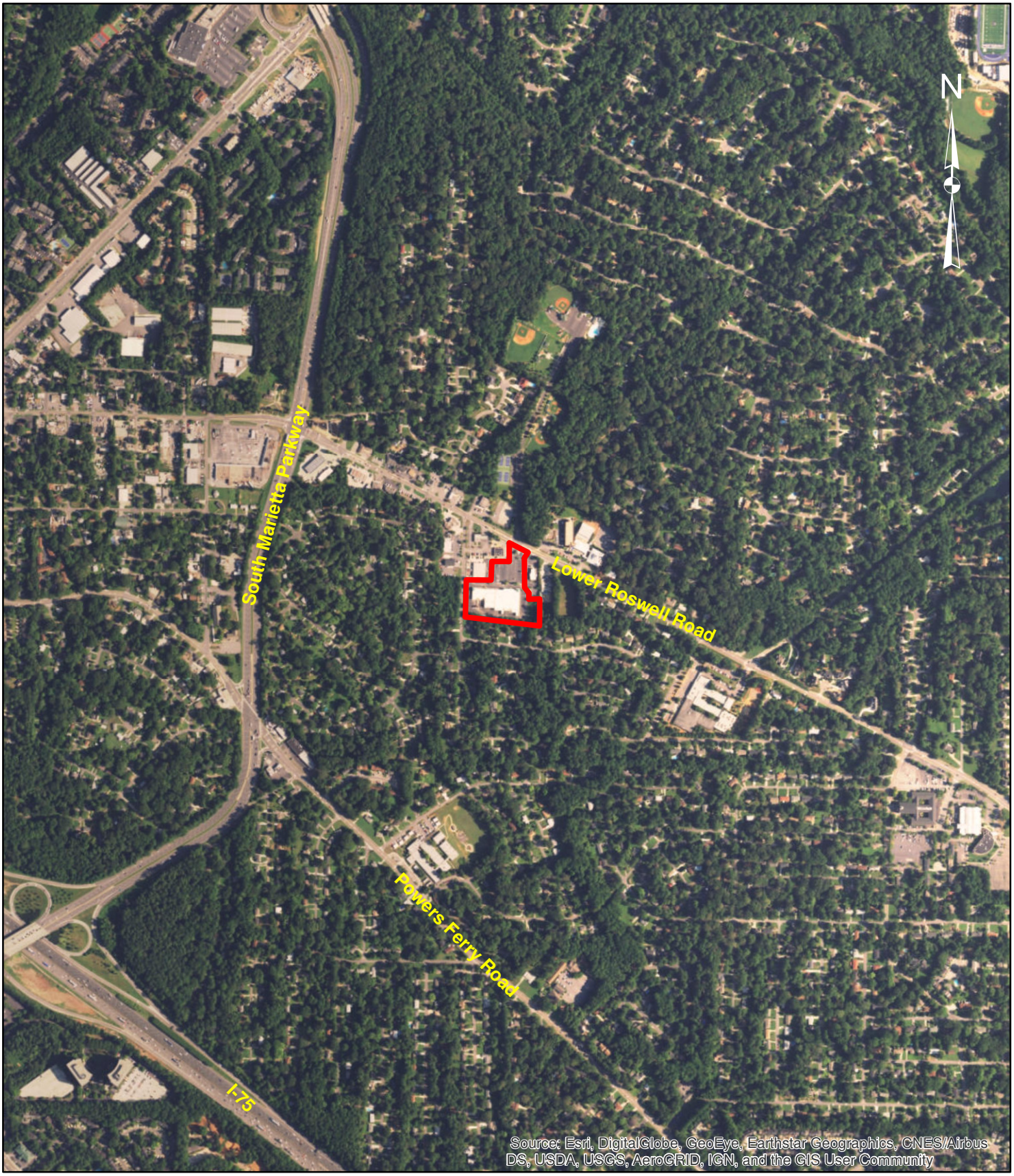
- PCE was not detected in groundwater sample PZ-2 (EPS, 2015), located relatively close to SG-9.
- Soil sample HA-1-2 had only a very low PCE concentration (0.15 mg/kg). This concentration is below a Type 1 RRS and is indicative of PCE being sorbed onto the soil from the vapor phase rather than being indicative of a soil concentration that would cause a soil gas concentration greater than 10,000 µg/m^3.

As indicated by the property line soil gas sampling results (SG-10 through SG-12), the elevated soil gas PCE concentrations detected at SG-9 have not significantly migrated toward the residential properties. This is due to the clayey nature of the soils in the area and a lack of preferential pathways extending in the direction of the residential properties.

4 REFERENCES

Environmental Planning Specialists, Inc., 2015, Voluntary Remediation Program Compliance Status Report, TLC Cleaners, Section 2.7.3.

FIGURES



0 500 1,000
Feet

Legend

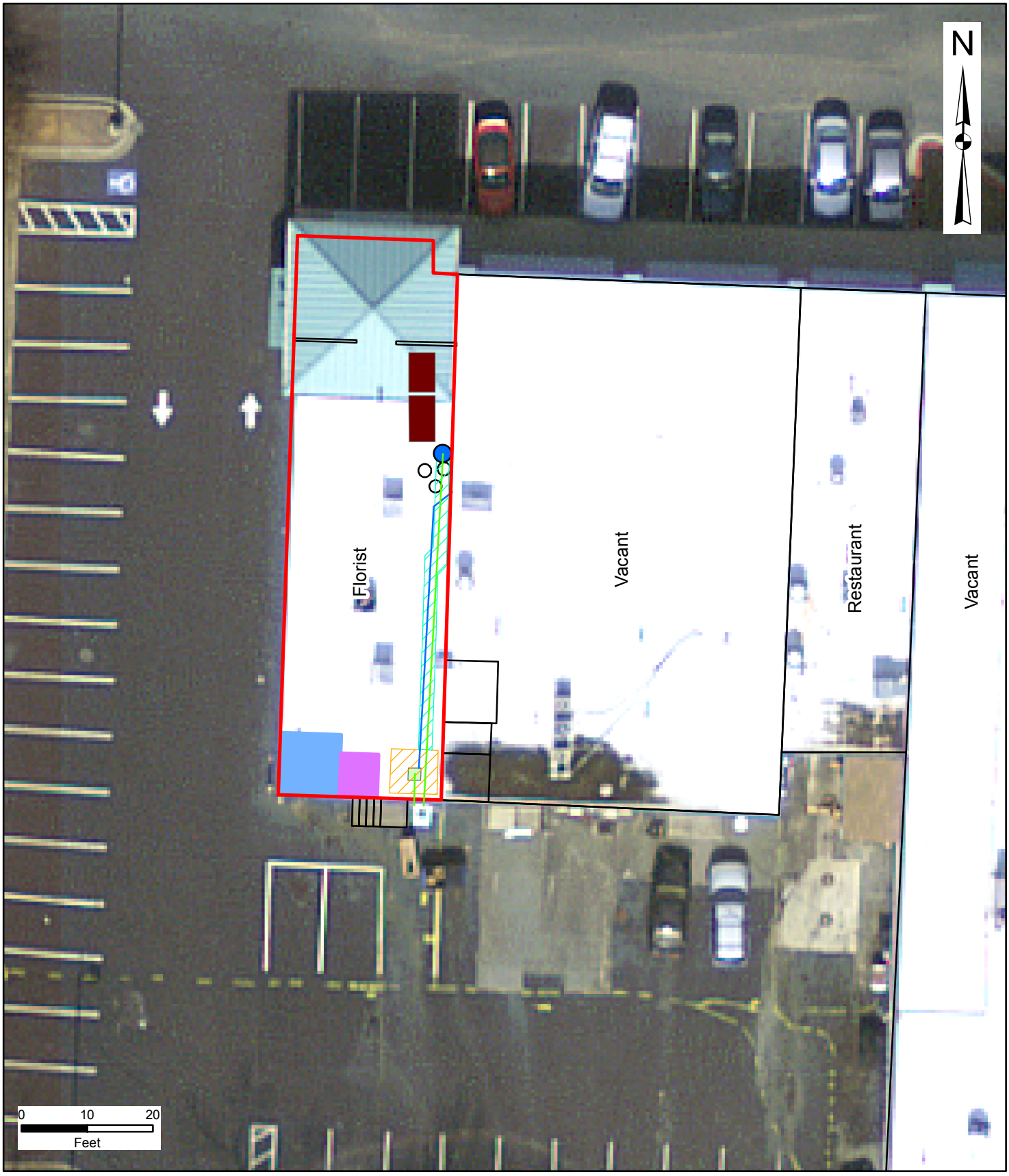
Property Boundary

Site Location Map

TLC Cleaners
2060 Lower Roswell Rd.
Marietta, GA 30068

Environmental Planning Specialists, Inc.
G:\Taylor English\TLC Cleaners\GIS\Reports\CSR Addendum\Fig1_SiteLocationMap

Figure No.1



Legend

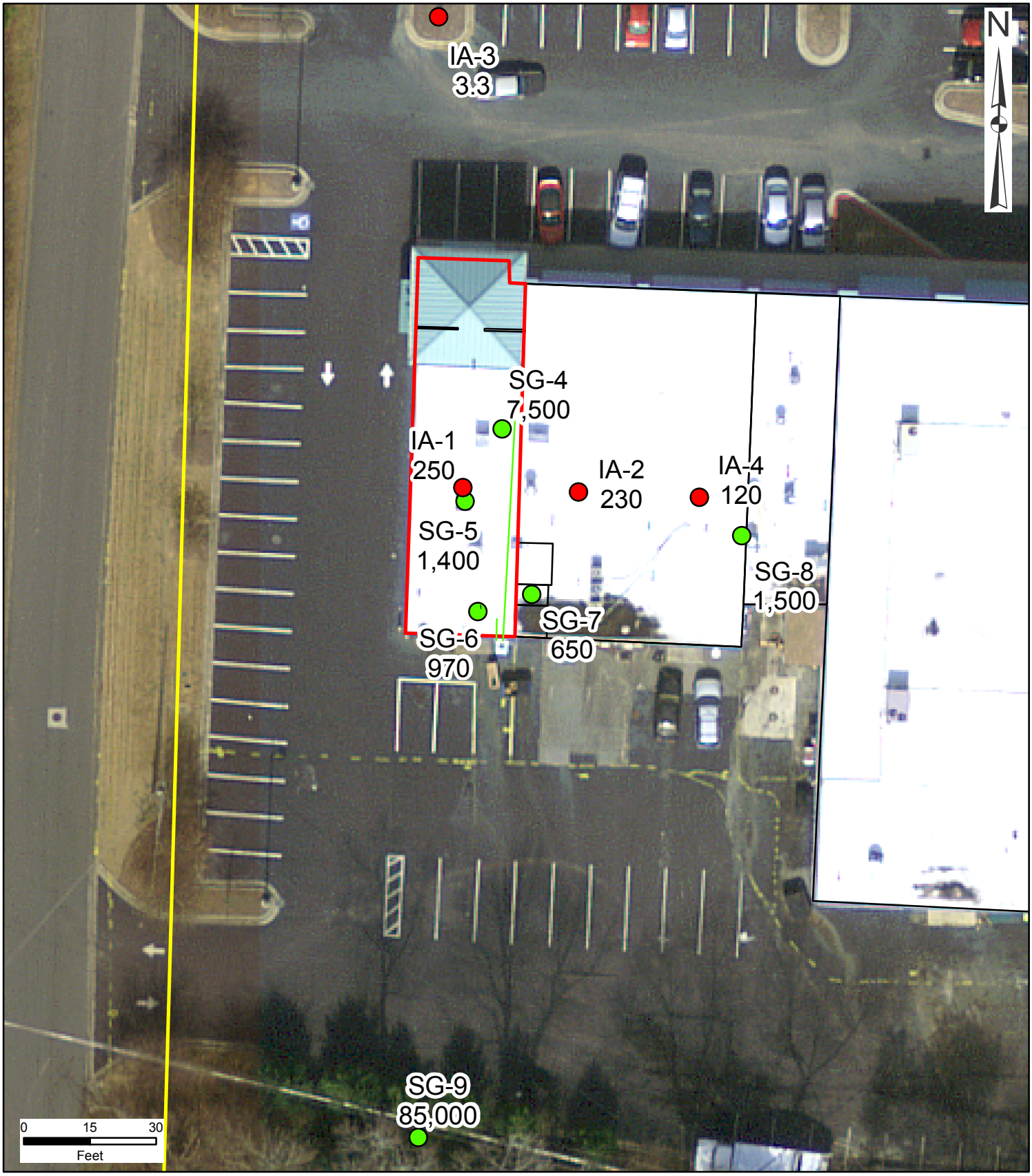
- Former Floor Drain
- Former Bathroom
- Former Boiler Room
- Former TLC Cleaners
- Former Dry Cleaning Machine
- Former Grit Trap
- Excavation Area (2 ft deep)
- Excavation Area (6-8 ft deep)
- Building Outline
- Sub-Slab Depressurization System Lines
- Fromer Drain Line
- Former Drum Storage

Site Plan

TLC Cleaners
2060 Lower Roswell Rd.
Marietta, GA 30068

Environmental Planning Specialists, Inc.
G:\Taylor English\TLC Cleaners\GIS\Fig2_Facility_Layout_Plan.mxd

Figure No.2



Legend

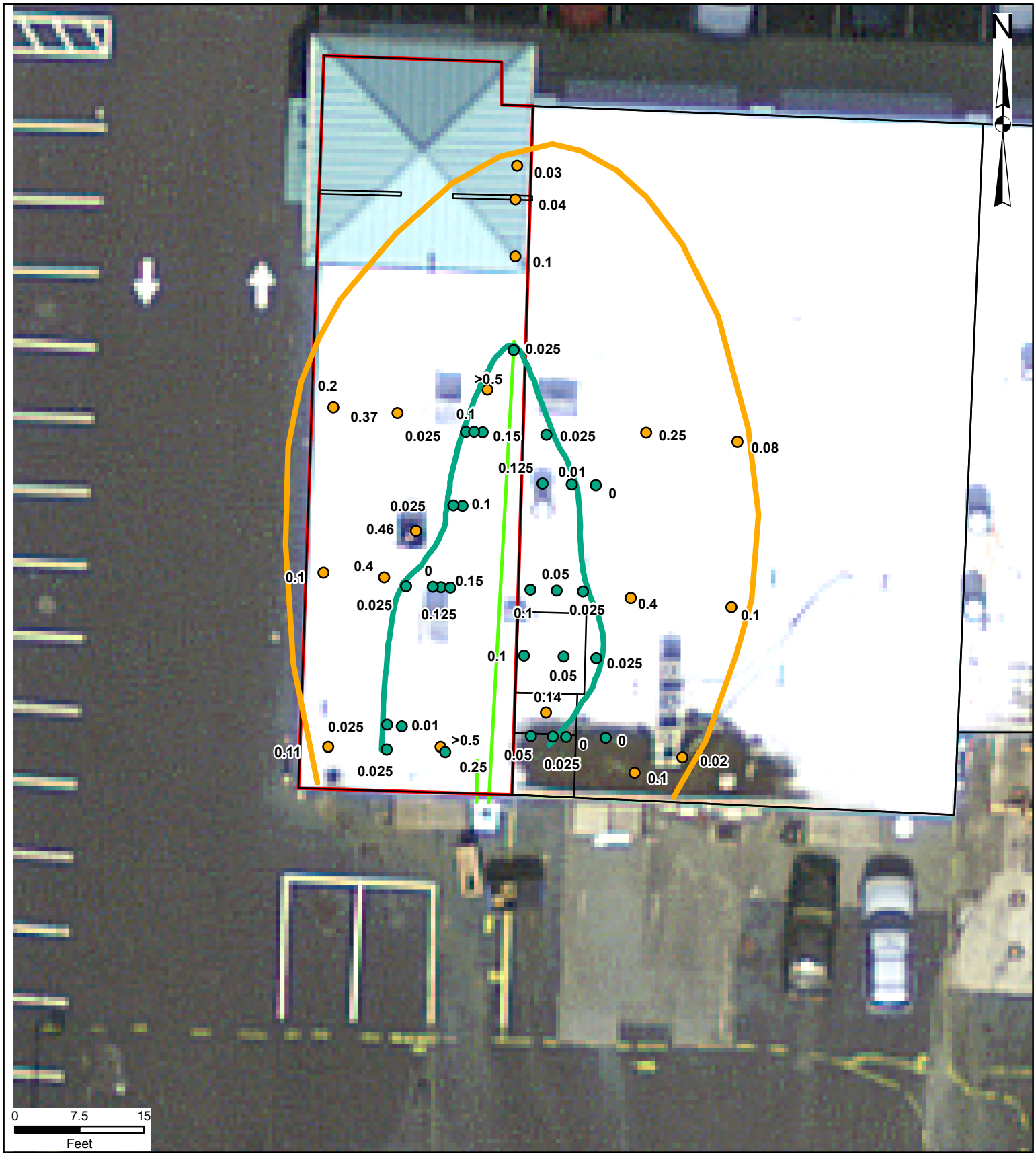
- IA-1 250 — Indoor/Ambient Air Sampling Location PCE Concentration (µg/m^3)
- SG-4 7,500 — Soil Gas Sampling Location PCE Concentration (µg/m^3)
- Building Outline
- Former TLC Cleaners
- Sub-Slab Depressurization Line
- Approximate Property Boundary

Indoor Air and Soil Gas Sampling Results (July 2016)

TLC Cleaners
2060 Lower Roswell Rd.
Marietta, GA 30068

Environmental Planning Specialists, Inc.
G:\Taylor English\TLC Cleaners\GIS\Reports\CSR Addendum#2

Figure No.3



Legend

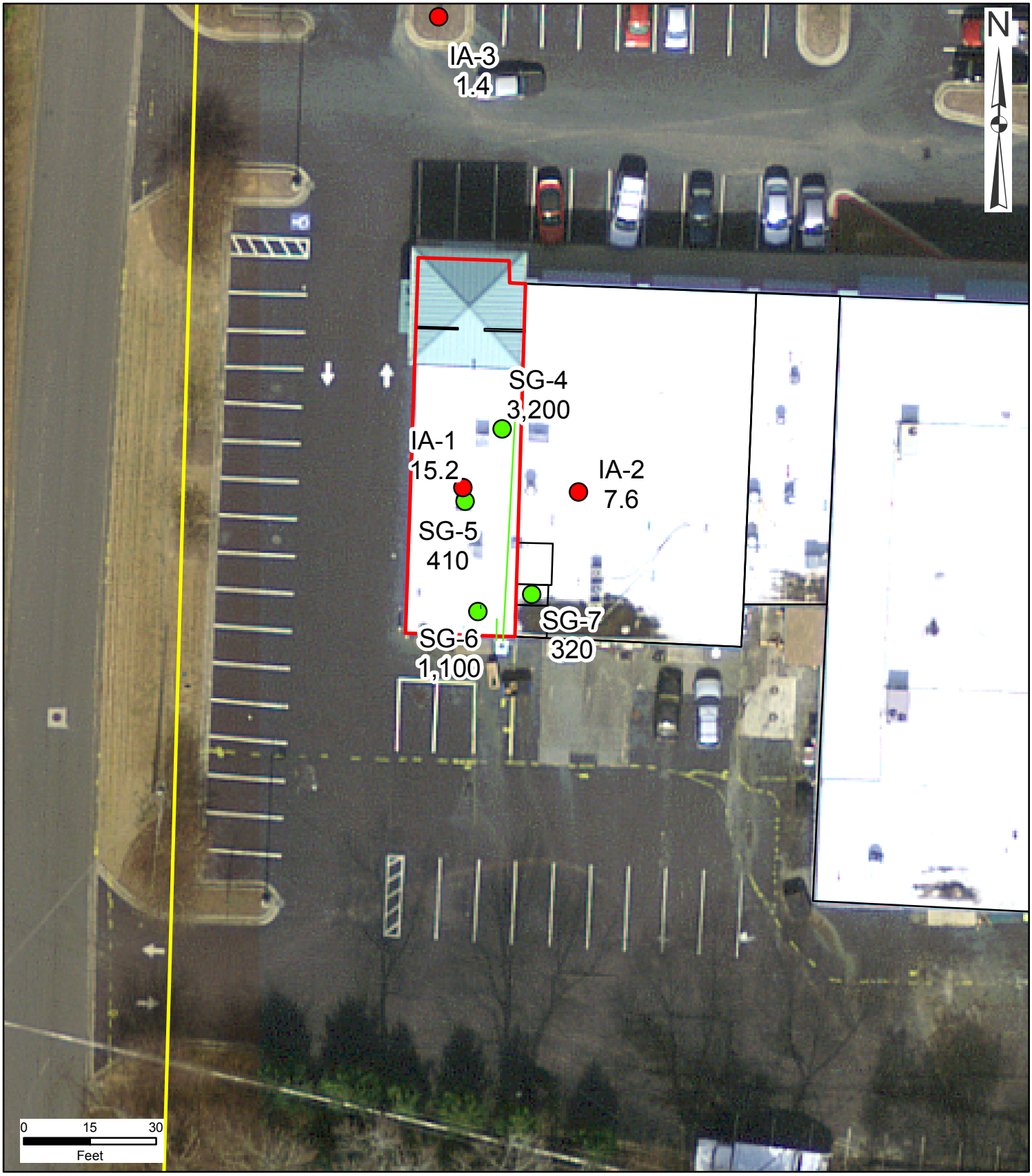
- Test Point Before Fan Upgrade (Sept 2015)
- Test Point After Fan Upgrade (Aug 2016)
- Building Outline
- Estimated Area of Influence (Sept 2015)
- Estimated Area of Influence (Aug 2016)
- Sub-slab Depressurzation Line
- 0.4 Negative Pressure Readings (in H_2O)

Vapor Intrusion Mitigation System Influence Testing Results

TLC Cleaners
2060 Lower Roswell Rd.
Marietta, GA 30068

Environmental Planning Specialists, Inc.
G:\Taylor English\TLC Cleaners\GIS\Reports\CSR Addendum #2

Figure No.4



Legend

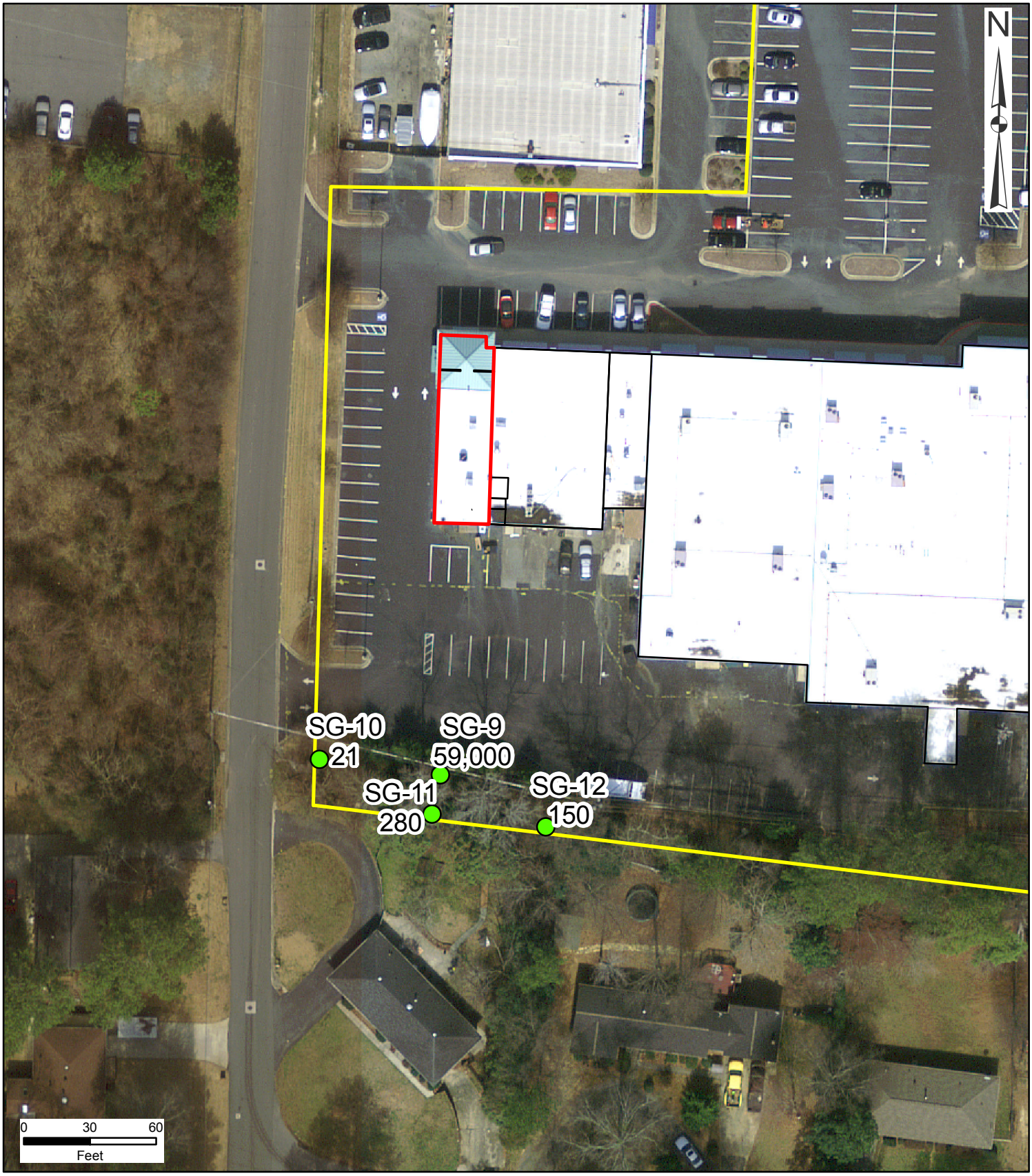
- IA-1 250 — Indoor/Ambient Air Sampling Location PCE Concentration (µg/m^3)
- SG-4 7,500 — Soil Gas Sampling Location PCE Concentration (µg/m^3)
- Building Outline
- Former TLC Cleaners
- Sub-Slab Depressurization Line
- Approximate Property Boundary

Indoor Air and Soil Gas Sampling Results (August 2016)

TLC Cleaners
2060 Lower Roswell Rd.
Marietta, GA 30068

Environmental Planning Specialists, Inc.
G:\Taylor English\TLC Cleaners\GIS\Reports\CSR Addendum#2

Figure No.5



Legend

- SG-9 / 59,000 — Soil Gas Sampling Location / PCE Concentration (µg/m^3)
- Approximate Property Boundary
- Former TLC Cleaners
- Building Outline

Soil Gas Sampling Results (October 2016)
TLC Cleaners
2060 Lower Roswell Rd.
Marietta, GA 30068

Environmental Planning Specialists, Inc.
G:\Taylor English\TLC Cleaners\GIS\Reports\CSR Addendum#2

Figure No.6

Legend

- HA-1 Soil Sampling Location
- 2 ft Depth of Sample
- 0.15 PCE Concentration (mg/kg)
- Soil Gas Sampling Location
- Approximate Property Boundary
- Former TLC Cleaners
- Building Outline

Soil Sampling Results (February 2017)
TLC Cleaners
2060 Lower Roswell Rd.
Marietta, GA 30068

Environmental Planning Specialists, Inc.
G:\Taylor English\TLC Cleaners\GIS\Reports\CSR Addendum#2

Figure No.7

TABLES

Table 1
Summary of Indoor and Ambient Air Analytical Results
TLC Cleaners
Marietta, Georgia

		1,1,2-Trichlorotrifluoroethane ($\mu g/m^3$)	1,2,4-Trimethylbenzene ($\mu g/m^3$)	2-Butanone ($\mu g/m^3$)	Acetone ($\mu g/m^3$)	Benzene ($\mu g/m^3$)	Carbon Tetrachloride ($\mu g/m^3$)	Chloroform ($\mu g/m^3$)	Chloromethane ($\mu g/m^3$)	Dichlorodifluoromethane ($\mu g/m^3$)	Ethylbenzene ($\mu g/m^3$)	Methylene Chloride ($\mu g/m^3$)	Styrene ($\mu g/m^3$)	Tetrachloroethene ($\mu g/m^3$)	Toluene ($\mu g/m^3$)	Trichlorofluoromethane ($\mu g/m^3$)	m,p-Xylenes ($\mu g/m^3$)	o-Xylenes ($\mu g/m^3$)
Non-Residential (NC) TIAC		**130,000**	**31**	**22,000**	**140,000**	**130**	**440**	**430**	**390**	**440**	**4,400**	**2,600**	**4,400**	**180**	**22,000**	**N/A**	**440**	**440**
Non-Residential (C) TIAC*		**N/A**	**N/A**	**N/A**	**N/A**	**16**	**20**	**5.3**	**N/A**	**N/A**	**49**	**12,000**	**N/A**	**470**	**N/A**	**N/A**	**N/A**	**N/A**
Sample Location	**Sample Date**																	
IA-1	12/07/15	BDL	**1.4**	**1.3**	**11**	**1.4**	**0.39**	BDL	**1.1**	**1.7**	**0.91**	**0.53**	BDL	**30**	**3.7**	**1.2**	**3.3**	**1.2**
	01/08/16	BDL	BDL	**0.61**	**3.8**	**0.38**	BDL	BDL	**0.91**	**2.4**	BDL	**0.44**	BDL	**1,100**	**0.90**	**1.1**	BDL	BDL
	07/19/16	BDL	**1.5**	**3.1**	BDL	**0.91**	**0.51**	**0.59**	**1.6**	**2.9**	**1.1**	**1.1**	**1.9**	**250**	**22**	**1.7**	**4.0**	**1.5**
	08/29/16	BDL	BDL	**2.1**	**19.1**	BDL	BDL	BDL	**1.2**	BDL	**1.3**	BDL	BDL	**15.2**	**5.4**	**1.4**	**5.3**	**2.0**
IA-2	12/07/15	BDL	**1.6**	**0.90**	**9.6**	**1.7**	**0.43**	**0.29**	**1.0**	**2.3**	**1.3**	**0.84**	**0.90**	**87**	**5.1**	**2.2**	**4.6**	**1.6**
	01/08/16	BDL	BDL	BDL	**4.4**	**0.42**	**0.32**	BDL	**0.98**	**3.0**	BDL	**0.51**	BDL	**1,100**	BDL	**2.1**	BDL	BDL
	07/19/16	BDL	**1.1**	**3.8**	BDL	**1.1**	**0.57**	**0.59**	**1.7**	**2.8**	**0.84**	**1.7**	**11**	**230**	**11**	**4.1**	**2.9**	**1.1**
	08/29/16	BDL	BDL	**2.2**	**23.2**	BDL	BDL	BDL	**1.2**	BDL	BDL	**1.1**	**7.8**	**7.6**	**2.8**	**3.0**	**1.8**	BDL
IA-3 (ambient)	12/07/15	BDL	**1.3**	**0.92**	**9.0**	**1.4**	**0.43**	BDL	**1.0**	**1.7**	**1.0**	**0.51**	BDL	**2.2**	**4.3**	**1.2**	**3.8**	**1.3**
	01/08/16	BDL	BDL	BDL	**3.4**	**0.93**	BDL	BDL	**0.80**	**1.5**	BDL	BDL	BDL	**0.83**	**2.2**	**1.0**	**1.1**	BDL
	07/19/16	**0.77**	**1.4**	**2.4**	BDL	**0.94**	**0.57**	BDL	**1.6**	**2.4**	**1.7**	**0.99**	**0.69**	**3.3**	**11**	**1.6**	**6.0**	**1.8**
	08/29/16	BDL	BDL	**1.4**	**17.6**	BDL	BDL	BDL	**1.1**	BDL	BDL	BDL	BDL	**1.4**	**2.0**	**1.3**	BDL	BDL
IA-4	07/19/16	**0.85**	**1.4**	**1.6**	BDL	**1.3**	**0.57**	**0.69**	**1.9**	**3.5**	**1.0**	**2.0**	**11**	**120**	**12**	**3.7**	**3.8**	**1.5**

Notes:
$\mu g/m^3$ = micrograms per cubic meter
TIAC = Target Indoor Air Concentration
NC = Non-Carcinogenic
C = Carcinogenic
* = Non-Residential Cancer Target Risk of 10^{-5}
= Exceeds Non-Residential TIAC

Table 2
Summary of Soil Gas Analytical Results (Non-Residential Comparison)
TLC Cleaners
Marietta, Georgia

			1,2,4-Trimethylbenzene ($\mu g/m^3$)	1,3,5-Trimethylbenzene ($\mu g/m^3$)	4-Ethyltoluene ($\mu g/m^3$)	4-Methyl-2-Pentanone ($\mu g/m^3$)	Acetone ($\mu g/m^3$)	Benzene ($\mu g/m^3$)	Bromodichloromethane ($\mu g/m^3$)	Chloroform ($\mu g/m^3$)	cis-1,2-Dichloroethene ($\mu g/m^3$)	Dichlorodifluoromethane ($\mu g/m^3$)	Dichlorobromomethane ($\mu g/m^3$)	Ethylbenzene ($\mu g/m^3$)	Styrene ($\mu g/m^3$)	Tetrachloroethene ($\mu g/m^3$)	Tetrahydrofuran ($\mu g/m^3$)	Toluene ($\mu g/m^3$)	trans-1,2-Dichloroethene ($\mu g/m^3$)	Trichloroethene ($\mu g/m^3$)	Trichlorofluoromethane ($\mu g/m^3$)	m,p-Xylenes ($\mu g/m^3$)	o-Xylenes ($\mu g/m^3$)
Non-Residential TSSSGC*			**1,000**	**N/A**	**N/A**	**440,000**	**4,500,000**	**520**	**110**	**180**	**N/A**	**15,000**	**110**	**1,600**	**150,000**	**5,800**	**290,000**	**730,000**	**N/A**	**290**	**N/A**	**15,000**	**15,000**
Sample Location	**Sample Date**	**Sample Depth (ft-bgs)**																					
SG-1	12/17/14	0.5	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	**810**	BDL	BDL	BDL	**68,000**	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SG-2	12/17/14	0.5	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**38,000**	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SG-3	12/17/14	0.5	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**5,500**	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SG-4	12/08/15	0.5	**14**	BDL	BDL	BDL	**50**	**17**	BDL	BDL	BDL	**91**	BDL	**15**	BDL	**4,000**	BDL	**23**	BDL	BDL	BDL	**52**	**20**
	01/11/16	0.5	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**26,000**	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	07/20/16	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**120**	BDL	BDL	BDL	**7,500**	BDL	**20**	BDL	BDL	BDL	BDL	BDL
	08/29/16	0.5	BDL	BDL	BDL	**5.5**	**10**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**3,200**	BDL	**3.8**	BDL	BDL	BDL	BDL	BDL
SG-5	12/08/15	0.5	**7.6**	BDL	BDL	BDL	**32**	BDL	BDL	BDL	BDL	**97**	BDL	BDL	BDL	**190**	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	01/11/16	0.5	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**10,000**	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	07/20/16	0.5	BDL	BDL	BDL	**9.7**	BDL	BDL	BDL	BDL	BDL	**1,500**	BDL	BDL	**4.3**	**1,400**	BDL	**16**	BDL	BDL	BDL	BDL	BDL
	08/29/16	0.5	BDL	BDL	BDL	BDL	**10**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**410**	**3.1**	**4.3**	BDL	BDL	BDL	BDL	BDL
SG-6	12/08/15	0.5	BDL	BDL	BDL	BDL	**33**	BDL	BDL	BDL	BDL	**14**	BDL	BDL	BDL	**1,100**	BDL	**6.0**		BDL	BDL	BDL	BDL
	01/11/16	0.5	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**460,000**	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	07/20/16	0.5	BDL	BDL	BDL	BDL	BDL	BDL	**12**	**74**	**16**	**42**	**12**	BDL	BDL	**970**	BDL	**9.9**	BDL	**9.8**	BDL	BDL	BDL
	08/29/16	0.5	BDL	BDL	BDL	BDL	**9.2**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**1,100**	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SG-7	12/08/15	0.5	**18**	**5.5**	**15**	BDL	**69**	**12**	BDL	BDL	BDL	BDL	BDL	**18**	BDL	**680**	BDL	**85**		BDL	BDL	**83**	**38**
	01/11/16	0.5	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**710,000**	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	07/20/16	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**5.2**	BDL	BDL	**5.0**	**650**	BDL	**12**	BDL	BDL	**7.2**	BDL	BDL
	08/29/16	0.5	BDL	BDL	BDL	BDL	**8.8**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**320**	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SG-8	07/20/16	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**2,200**	BDL	BDL	BDL	**1,500**	BDL	**7.9**	BDL	BDL	BDL	BDL	BDL
SG-9**	07/20/16	2	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**85,000**	BDL	BDL	BDL	**250**	BDL	BDL	BDL
	10/31/16	2	BDL	BDL	BDL	BDL	**3.7**	BDL	BDL	BDL	**21**	BDL	BDL	BDL	BDL	**59,000**	BDL	BDL	**5.7**	**310**	BDL	BDL	BDL

Notes:

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

TSSSGC = Target Sub-Slab Soil Gas Concentration

N/A = not applicable

ft-bgs = feet below the ground surface

BDL = below detection limit

NA = not analyzed

* lower of carcinogenic (Target Cancer Risk of 10^{-5}) or non-carcinogenic (Target Hazard Quotient of 1) risk

** Results for SG-9 are compared to Target Exterior Soil Gas Concentrations, which are the same as the Target Sub-Slab Soil Gas Concentrations.

= exceeds Non-Residential TSSSGC

Table 3
Summary of Soil Gas Analytical Results (Residential Comparison)
TLC Cleaners
Marietta, Georgia

			1,2,4-Trimethylbenzene ($\mu g/m^3$)	1,3,5-Trimethylbenzene ($\mu g/m^3$)	4-Ethyltoluene ($\mu g/m^3$)	4-Methyl-2-Pentanone ($\mu g/m^3$)	Acetone ($\mu g/m^3$)	Benzene ($\mu g/m^3$)	Bromodichloromethane ($\mu g/m^3$)	Chloroform ($\mu g/m^3$)	cis-1,2-Dichloroethene ($\mu g/m^3$)	Dichlorodifluoromethane ($\mu g/m^3$)	Dichlorobromomethane ($\mu g/m^3$)	Ethylbenzene ($\mu g/m^3$)	Styrene ($\mu g/m^3$)	Tetrachloroethene ($\mu g/m^3$)	Tetrahydrofuran ($\mu g/m^3$)	Toluene ($\mu g/m^3$)	trans-1,2-Dichloroethene ($\mu g/m^3$)	Trichloroethene ($\mu g/m^3$)	Trichlorofluoromethane ($\mu g/m^3$)	m,p-Xylenes ($\mu g/m^3$)	o-Xylenes ($\mu g/m^3$)
Residential TESGC*			**240**	**N/A**	**N/A**	**100,000**	**1,100,000**	**120**	**25**	**41**	**N/A**	**3,500**	**25**	**370**	**35,000**	**1,400**	**70,000**	**170,000**	**N/A**	**70**	**N/A**	**3,500**	**3,500**
Sample Location	**Sample Date**	**Sample Depth (ft-bgs)**																					
SG-10	10/31/16	2	**22**	**6.1**	BDL	BDL	**11**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**21**	BDL	**4.7**	BDL	BDL	BDL	**17**	**6.5**
SG-11	10/31/16	2	**20**	**6.6**	BDL	BDL	**9.0**	BDL	BDL	BDL	BDL	BDL	BDL	**6.7**	BDL	**280**	BDL	**11**	BDL	BDL	BDL	**35**	**10**
SG-12	10/31/16	2	**7.1**	BDL	BDL	BDL	**13**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**32**	**150**	BDL	**4.9**	BDL	BDL	BDL	BDL	BDL

Notes:

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

TESGC = Target Exterior Soil Gas Concentration

N/A = not applicable

ft-bgs = feet below the ground surface

BDL = below detection limit

* lower of carcinogenic (Target Cancer Risk of 10^{-5}) or non-carcinogenic (Target Hazard Quotient of 1) risk

Table 4
Summary of Soil Analytical Results
TLC Cleaners
Marietta, Georgia

			PCE (mg/kg)	TCE (mg/kg)	cis-1,2-DCE (mg/kg)	trans-1,2-DCE (mg/kg)	Vinyl Chloride (mg/kg)	1,1-DCE (mg/kg)
Type 1 RRS			**0.50**	**0.50**	**7.0**	**10**	**0.20**	**0.70**
Residential RRS			**29**	**0.50**	**7.0**	**10**	**0.20**	**0.74**
Non-Residential RRS (Surface)			**55**	**0.50**	**7.0**	**13**	**0.20**	**3.8**
Non-Residential RRS (Subsurface)			**55**	**0.50**	**7.0**	**13**	**0.20**	**3.8**
Sample Location	**Depth (ft-bgs)**	**Sample Date**						
HA-1-2	2	2/21/17	**0.15**	BDL	BDL	BDL	BDL	BDL

Notes:

ft-bgs = feet below the ground surface
PCE = Tetrachloroethene
TCE = Trichloroethene
cis-1,2-DCE = cis-1,2-Dichloroethene
rans-1,2-DCE = trans-1,2-Dichloroethene
1,1-DCE = 1,1-Dichloroethene
mg/Kg = milligrams per kilogram
RRS = Risk Reduction Standards
BDL = Below Detection Limits

APPENDIX A
Laboratory Analytical Reports

Mobile Geochemistry Inc.

01 August 2016

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

H&P Project: EPS072516-11
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 25-Jul-16 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
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that 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

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP, the National Environmental Laboratory Accreditation Conference (NELAC) and the Department of Defense Accreditation Programs.

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
16200-IA-1	E607125-01	Vapor	19-Jul-16	25-Jul-16
16200-IA-2	E607125-02	Vapor	19-Jul-16	25-Jul-16
16200-IA-3	E607125-03	Vapor	19-Jul-16	25-Jul-16
16200-IA-4	E607125-04	Vapor	19-Jul-16	25-Jul-16
16201-SG-4	E607125-05	Vapor	20-Jul-16	25-Jul-16
16201-SG-5	E607125-06	Vapor	20-Jul-16	25-Jul-16
16201-SG-6	E607125-07	Vapor	20-Jul-16	25-Jul-16
16201-SG-7	E607125-08	Vapor	20-Jul-16	25-Jul-16
16201-SG-8	E607125-09	Vapor	20-Jul-16	25-Jul-16
16201-DUP	E607125-10	Vapor	20-Jul-16	25-Jul-16
16201-SG-9	E607125-11	Vapor	20-Jul-16	25-Jul-16

Due to the presence of elevated analyte concentrations, sample SG-9 was 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
4-Ethyltoluene

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

DETECTIONS SUMMARY

Sample ID: **16200-IA-1** Laboratory ID: **E607125-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Dichlorodifluoromethane (F12)	**2.9**	1.0	ug/m3	EPA TO-15	
Chloromethane	**1.6**	0.21	ug/m3	EPA TO-15	
Trichlorofluoromethane (F11)	**1.7**	0.56	ug/m3	EPA TO-15	
Methylene chloride (Dichloromethane)	**1.1**	0.35	ug/m3	EPA TO-15	
2-Butanone (MEK)	**3.1**	0.60	ug/m3	EPA TO-15	
Chloroform	**0.59**	0.25	ug/m3	EPA TO-15	
Benzene	**0.91**	0.16	ug/m3	EPA TO-15	
Carbon tetrachloride	**0.51**	0.32	ug/m3	EPA TO-15	
Toluene	**22**	0.76	ug/m3	EPA TO-15	
Tetrachloroethene	**250**	6.9	ug/m3	EPA TO-15	
Ethylbenzene	**1.1**	0.44	ug/m3	EPA TO-15	
m,p-Xylene	**4.0**	0.44	ug/m3	EPA TO-15	
Styrene	**1.9**	0.43	ug/m3	EPA TO-15	
o-Xylene	**1.5**	0.44	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**1.5**	0.50	ug/m3	EPA TO-15	

Sample ID: **16200-IA-2** Laboratory ID: **E607125-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Dichlorodifluoromethane (F12)	**2.8**	1.0	ug/m3	EPA TO-15	
Chloromethane	**1.7**	0.21	ug/m3	EPA TO-15	
Trichlorofluoromethane (F11)	**4.1**	0.56	ug/m3	EPA TO-15	
Methylene chloride (Dichloromethane)	**1.7**	0.35	ug/m3	EPA TO-15	
2-Butanone (MEK)	**3.8**	0.60	ug/m3	EPA TO-15	
Chloroform	**0.59**	0.25	ug/m3	EPA TO-15	
Benzene	**1.1**	0.16	ug/m3	EPA TO-15	
Carbon tetrachloride	**0.57**	0.32	ug/m3	EPA TO-15	
Toluene	**11**	0.76	ug/m3	EPA TO-15	
Tetrachloroethene	**230**	6.9	ug/m3	EPA TO-15	
Ethylbenzene	**0.84**	0.44	ug/m3	EPA TO-15	
m,p-Xylene	**2.9**	0.44	ug/m3	EPA TO-15	
Styrene	**11**	0.43	ug/m3	EPA TO-15	
o-Xylene	**1.1**	0.44	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**1.1**	0.50	ug/m3	EPA TO-15	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Sample ID: **16200-IA-3** Laboratory ID: **E607125-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Dichlorodifluoromethane (F12)	**2.4**	1.0	ug/m3	EPA TO-15	
Chloromethane	**1.6**	0.21	ug/m3	EPA TO-15	
Trichlorofluoromethane (F11)	**1.6**	0.56	ug/m3	EPA TO-15	
1,1,2-Trichlorotrifluoroethane (F113)	**0.77**	0.77	ug/m3	EPA TO-15	
Methylene chloride (Dichloromethane)	**0.99**	0.35	ug/m3	EPA TO-15	
2-Butanone (MEK)	**2.4**	0.60	ug/m3	EPA TO-15	
Benzene	**0.94**	0.16	ug/m3	EPA TO-15	
Carbon tetrachloride	**0.57**	0.32	ug/m3	EPA TO-15	
Toluene	**11**	0.76	ug/m3	EPA TO-15	
Tetrachloroethene	**3.3**	0.69	ug/m3	EPA TO-15	
Ethylbenzene	**1.7**	0.44	ug/m3	EPA TO-15	
m,p-Xylene	**6.0**	0.44	ug/m3	EPA TO-15	
Styrene	**0.69**	0.43	ug/m3	EPA TO-15	
o-Xylene	**1.8**	0.44	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**1.4**	0.50	ug/m3	EPA TO-15	

Sample ID: **16200-IA-4** Laboratory ID: **E607125-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Dichlorodifluoromethane (F12)	**3.5**	1.0	ug/m3	EPA TO-15	
Chloromethane	**1.9**	0.21	ug/m3	EPA TO-15	
Trichlorofluoromethane (F11)	**3.7**	0.56	ug/m3	EPA TO-15	
1,1,2-Trichlorotrifluoroethane (F113)	**0.85**	0.77	ug/m3	EPA TO-15	
Methylene chloride (Dichloromethane)	**2.0**	0.35	ug/m3	EPA TO-15	
2-Butanone (MEK)	**1.6**	0.60	ug/m3	EPA TO-15	
Chloroform	**0.69**	0.25	ug/m3	EPA TO-15	
Benzene	**1.3**	0.16	ug/m3	EPA TO-15	
Carbon tetrachloride	**0.57**	0.32	ug/m3	EPA TO-15	
Toluene	**12**	0.76	ug/m3	EPA TO-15	
Tetrachloroethene	**120**	0.69	ug/m3	EPA TO-15	
Ethylbenzene	**1.0**	0.44	ug/m3	EPA TO-15	
m,p-Xylene	**3.8**	0.44	ug/m3	EPA TO-15	
Styrene	**11**	0.43	ug/m3	EPA TO-15	
o-Xylene	**1.5**	0.44	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**1.4**	0.50	ug/m3	EPA TO-15	

Sample ID: **16201-SG-4** Laboratory ID: **E607125-05**

Analyte	Result	Reporting Limit	Units	Method	Notes

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Sample ID: **16201-SG-4** Laboratory ID: **E607125-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Dichlorodifluoromethane (F12)	**120**	25	ug/m3	EPA TO-15	
Toluene	**20**	19	ug/m3	EPA TO-15	
Tetrachloroethene	**7500**	34	ug/m3	EPA TO-15	

Sample ID: **16201-SG-5** Laboratory ID: **E607125-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Dichlorodifluoromethane (F12)	**1500**	5.0	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**9.7**	8.3	ug/m3	EPA TO-15	
Toluene	**16**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**1400**	6.9	ug/m3	EPA TO-15	
Styrene	**4.3**	4.3	ug/m3	EPA TO-15	

Sample ID: **16201-SG-6** Laboratory ID: **E607125-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Dichlorodifluoromethane (F12)	**42**	5.0	ug/m3	EPA TO-15	
cis-1,2-Dichloroethene	**16**	4.0	ug/m3	EPA TO-15	
Chloroform	**74**	4.9	ug/m3	EPA TO-15	
Trichloroethene	**9.8**	5.5	ug/m3	EPA TO-15	
Bromodichloromethane	**12**	6.8	ug/m3	EPA TO-15	
Toluene	**9.9**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**970**	6.9	ug/m3	EPA TO-15	

Sample ID: **16201-SG-7** Laboratory ID: **E607125-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
Dichlorodifluoromethane (F12)	**5.2**	5.0	ug/m3	EPA TO-15	
Trichlorofluoromethane (F11)	**7.2**	5.6	ug/m3	EPA TO-15	
Toluene	**12**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**650**	6.9	ug/m3	EPA TO-15	
Styrene	**5.0**	4.3	ug/m3	EPA TO-15	

Sample ID: **16201-SG-8** Laboratory ID: **E607125-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Dichlorodifluoromethane (F12)	**2200**	5.0	ug/m3	EPA TO-15	
Toluene	**7.9**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**1500**	6.9	ug/m3	EPA TO-15	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Sample ID: **16201-DUP** Laboratory ID: **E607125-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Dichlorodifluoromethane (F12)	**120**	25	ug/m3	EPA TO-15	
Tetrachloroethene	**9300**	34	ug/m3	EPA TO-15	

Sample ID: **16201-SG-9** Laboratory ID: **E607125-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**250**	100	ug/m3	H&P 8260SV	
Tetrachloroethene	**85000**	100	ug/m3	H&P 8260SV	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16200-IA-1 (E607125-01) Vapor Sampled: 19-Jul-16 Received: 25-Jul-16									
Dichlorodifluoromethane (F12)	**2.9**	1.0	ug/m3	1	EG62816	28-Jul-16	28-Jul-16	EPA TO-15	
Chloromethane	**1.6**	0.21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	0.71	"	"	"	"	"	"	
Vinyl chloride	ND	0.13	"	"	"	"	"	"	
Bromomethane	ND	0.39	"	"	"	"	"	"	
Chloroethane	ND	0.27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	**1.7**	0.56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	0.77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	**1.1**	0.35	"	"	"	"	"	"	
Carbon disulfide	ND	0.32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.41	"	"	"	"	"	"	
2-Butanone (MEK)	**3.1**	0.60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	**0.59**	0.25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.55	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.41	"	"	"	"	"	"	
Benzene	**0.91**	0.16	"	"	"	"	"	"	
Carbon tetrachloride	**0.51**	0.32	"	"	"	"	"	"	
Trichloroethene	ND	0.55	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.47	"	"	"	"	"	"	
Bromodichloromethane	ND	0.68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	0.83	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.46	"	"	"	"	"	"	
Toluene	**22**	0.76	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.83	"	"	"	"	"	"	
Dibromochloromethane	ND	0.86	"	"	"	"	"	"	
Tetrachloroethene	**250**	6.9	"	10	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.78	"	1	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.70	"	"	"	"	"	"	
Chlorobenzene	ND	0.47	"	"	"	"	"	"	
Ethylbenzene	**1.1**	0.44	"	"	"	"	"	"	
m,p-Xylene	**4.0**	0.44	"	"	"	"	"	"	
Styrene	**1.9**	0.43	"	"	"	"	"	"	
o-Xylene	**1.5**	0.44	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16200-IA-1 (E607125-01) Vapor Sampled: 19-Jul-16 Received: 25-Jul-16									
Bromoform	ND	1.0	ug/m3	1	EG62816	28-Jul-16	28-Jul-16	EPA TO-15	
1,1,2,2-Tetrachloroethane	ND	0.70	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**1.5**	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.9	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.7	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*		*77-127*	"	"	"	"	
16200-IA-2 (E607125-02) Vapor Sampled: 19-Jul-16 Received: 25-Jul-16									
Dichlorodifluoromethane (F12)	**2.8**	1.0	ug/m3	1	EG62816	28-Jul-16	28-Jul-16	EPA TO-15	
Chloromethane	**1.7**	0.21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	0.71	"	"	"	"	"	"	
Vinyl chloride	ND	0.13	"	"	"	"	"	"	
Bromomethane	ND	0.39	"	"	"	"	"	"	
Chloroethane	ND	0.27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	**4.1**	0.56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	0.77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	**1.7**	0.35	"	"	"	"	"	"	
Carbon disulfide	ND	0.32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.41	"	"	"	"	"	"	
2-Butanone (MEK)	**3.8**	0.60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	**0.59**	0.25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.55	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.41	"	"	"	"	"	"	
Benzene	**1.1**	0.16	"	"	"	"	"	"	
Carbon tetrachloride	**0.57**	0.32	"	"	"	"	"	"	
Trichloroethene	ND	0.55	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.47	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16200-IA-2 (E607125-02) Vapor Sampled: 19-Jul-16 Received: 25-Jul-16									
Bromodichloromethane	ND	0.68	ug/m3	1	EG62816	28-Jul-16	28-Jul-16	EPA TO-15	
cis-1,3-Dichloropropene	ND	0.46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	0.83	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.46	"	"	"	"	"	"	
Toluene	**11**	0.76	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.83	"	"	"	"	"	"	
Dibromochloromethane	ND	0.86	"	"	"	"	"	"	
Tetrachloroethene	**230**	6.9	"	10	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.78	"	1	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.70	"	"	"	"	"	"	
Chlorobenzene	ND	0.47	"	"	"	"	"	"	
Ethylbenzene	**0.84**	0.44	"	"	"	"	"	"	
m,p-Xylene	**2.9**	0.44	"	"	"	"	"	"	
Styrene	**11**	0.43	"	"	"	"	"	"	
o-Xylene	**1.1**	0.44	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.70	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**1.1**	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.9	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.7	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85.1 %*		*77-127*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16200-IA-3 (E607125-03) Vapor Sampled: 19-Jul-16 Received: 25-Jul-16									
Dichlorodifluoromethane (F12)	**2.4**	1.0	ug/m3	1	EG62816	28-Jul-16	28-Jul-16	EPA TO-15	
Chloromethane	**1.6**	0.21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	0.71	"	"	"	"	"	"	
Vinyl chloride	ND	0.13	"	"	"	"	"	"	
Bromomethane	ND	0.39	"	"	"	"	"	"	
Chloroethane	ND	0.27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	**1.6**	0.56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	**0.77**	0.77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	**0.99**	0.35	"	"	"	"	"	"	
Carbon disulfide	ND	0.32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.41	"	"	"	"	"	"	
2-Butanone (MEK)	**2.4**	0.60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.55	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.41	"	"	"	"	"	"	
Benzene	**0.94**	0.16	"	"	"	"	"	"	
Carbon tetrachloride	**0.57**	0.32	"	"	"	"	"	"	
Trichloroethene	ND	0.55	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.47	"	"	"	"	"	"	
Bromodichloromethane	ND	0.68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	0.83	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.46	"	"	"	"	"	"	
Toluene	**11**	0.76	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.83	"	"	"	"	"	"	
Dibromochloromethane	ND	0.86	"	"	"	"	"	"	
Tetrachloroethene	**3.3**	0.69	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.78	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.70	"	"	"	"	"	"	
Chlorobenzene	ND	0.47	"	"	"	"	"	"	
Ethylbenzene	**1.7**	0.44	"	"	"	"	"	"	
m,p-Xylene	**6.0**	0.44	"	"	"	"	"	"	
Styrene	**0.69**	0.43	"	"	"	"	"	"	
o-Xylene	**1.8**	0.44	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16200-IA-3 (E607125-03) Vapor Sampled: 19-Jul-16 Received: 25-Jul-16									
Bromoform	ND	1.0	ug/m3	1	EG62816	28-Jul-16	28-Jul-16	EPA TO-15	
1,1,2,2-Tetrachloroethane	ND	0.70	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**1.4**	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.9	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.7	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*99.3 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.6 %*		*77-127*	"	"	"	"	
16200-IA-4 (E607125-04) Vapor Sampled: 19-Jul-16 Received: 25-Jul-16									
Dichlorodifluoromethane (F12)	**3.5**	1.0	ug/m3	1	EG62816	28-Jul-16	28-Jul-16	EPA TO-15	
Chloromethane	**1.9**	0.21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	0.71	"	"	"	"	"	"	
Vinyl chloride	ND	0.13	"	"	"	"	"	"	
Bromomethane	ND	0.39	"	"	"	"	"	"	
Chloroethane	ND	0.27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	**3.7**	0.56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	**0.85**	0.77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	**2.0**	0.35	"	"	"	"	"	"	
Carbon disulfide	ND	0.32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.41	"	"	"	"	"	"	
2-Butanone (MEK)	**1.6**	0.60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Chloroform	**0.69**	0.25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.55	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.41	"	"	"	"	"	"	
Benzene	**1.3**	0.16	"	"	"	"	"	"	
Carbon tetrachloride	**0.57**	0.32	"	"	"	"	"	"	
Trichloroethene	ND	0.55	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.47	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16200-IA-4 (E607125-04) Vapor Sampled: 19-Jul-16 Received: 25-Jul-16									
Bromodichloromethane	ND	0.68	ug/m3	1	EG62816	28-Jul-16	28-Jul-16	EPA TO-15	
cis-1,3-Dichloropropene	ND	0.46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	0.83	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.46	"	"	"	"	"	"	
Toluene	**12**	0.76	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.83	"	"	"	"	"	"	
Dibromochloromethane	ND	0.86	"	"	"	"	"	"	
Tetrachloroethene	**120**	0.69	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.78	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.70	"	"	"	"	"	"	
Chlorobenzene	ND	0.47	"	"	"	"	"	"	
Ethylbenzene	**1.0**	0.44	"	"	"	"	"	"	
m,p-Xylene	**3.8**	0.44	"	"	"	"	"	"	
Styrene	**11**	0.43	"	"	"	"	"	"	
o-Xylene	**1.5**	0.44	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.70	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**1.4**	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.9	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.7	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.0 %*		*77-127*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16201-SG-4 (E607125-05) Vapor Sampled: 20-Jul-16 Received: 25-Jul-16									
Dichlorodifluoromethane (F12)	**120**	25	ug/m3	5	EG62816	28-Jul-16	28-Jul-16	EPA TO-15	
Chloromethane	ND	10	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	35	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	79	"	"	"	"	"	"	
Chloroethane	ND	40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	28	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	39	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	18	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	21	"	"	"	"	"	"	
2-Butanone (MEK)	ND	150	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	20	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	32	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	34	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	23	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	23	"	"	"	"	"	"	
Toluene	**20**	19	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	28	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	43	"	"	"	"	"	"	
Tetrachloroethene	**7500**	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	35	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	22	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16201-SG-4 (E607125-05) Vapor Sampled: 20-Jul-16 Received: 25-Jul-16									
Bromoform	ND	52	ug/m3	5	EG62816	28-Jul-16	28-Jul-16	EPA TO-15	
1,1,2,2-Tetrachloroethane	ND	35	"	"	"	"	"	"	
4-Ethyltoluene	ND	25	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	25	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	25	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	190	"	"	"	"	"	"	
Hexachlorobutadiene	ND	270	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.5 %*		*77-127*	"	"	"	"	
16201-SG-5 (E607125-06) Vapor Sampled: 20-Jul-16 Received: 25-Jul-16									
Dichlorodifluoromethane (F12)	**1500**	5.0	ug/m3	1	EG62816	28-Jul-16	28-Jul-16	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16201-SG-5 (E607125-06) Vapor Sampled: 20-Jul-16 Received: 25-Jul-16									
Bromodichloromethane	ND	6.8	ug/m3	1	EG62816	28-Jul-16	28-Jul-16	EPA TO-15	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**9.7**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**16**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**1400**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	**4.3**	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.0 %*		*77-127*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16201-SG-6 (E607125-07) Vapor Sampled: 20-Jul-16 Received: 25-Jul-16									
Dichlorodifluoromethane (F12)	**42**	5.0	ug/m3	1	EG62816	28-Jul-16	29-Jul-16	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**16**	4.0	"	"	"	"	"	"	
Chloroform	**74**	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	**9.8**	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	**12**	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**9.9**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**970**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16201-SG-6 (E607125-07) Vapor Sampled: 20-Jul-16 Received: 25-Jul-16									
Bromoform	ND	10	ug/m3	1	EG62816	28-Jul-16	29-Jul-16	EPA TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.4 %*		*77-127*	"	"	"	"	
16201-SG-7 (E607125-08) Vapor Sampled: 20-Jul-16 Received: 25-Jul-16									
Dichlorodifluoromethane (F12)	**5.2**	5.0	ug/m3	1	EG62816	28-Jul-16	29-Jul-16	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	**7.2**	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16201-SG-7 (E607125-08) Vapor Sampled: 20-Jul-16 Received: 25-Jul-16									
Bromodichloromethane	ND	6.8	ug/m3	1	EG62816	28-Jul-16	29-Jul-16	EPA TO-15	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**12**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**650**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	**5.0**	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.0 %*		*77-127*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16201-SG-8 (E607125-09) Vapor Sampled: 20-Jul-16 Received: 25-Jul-16									
Dichlorodifluoromethane (F12)	**2200**	5.0	ug/m3	1	EG62816	28-Jul-16	29-Jul-16	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**7.9**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**1500**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16201-SG-8 (E607125-09) Vapor Sampled: 20-Jul-16 Received: 25-Jul-16									
Bromoform	ND	10	ug/m3	1	EG62816	28-Jul-16	29-Jul-16	EPA TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.7 %*		*77-127*	"	"	"	"	
16201-DUP (E607125-10) Vapor Sampled: 20-Jul-16 Received: 25-Jul-16									
Dichlorodifluoromethane (F12)	**120**	25	ug/m3	5	EG62816	28-Jul-16	29-Jul-16	EPA TO-15	
Chloromethane	ND	10	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	35	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	79	"	"	"	"	"	"	
Chloroethane	ND	40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	28	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	39	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	18	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	21	"	"	"	"	"	"	
2-Butanone (MEK)	ND	150	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	20	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	32	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16201-DUP (E607125-10) Vapor Sampled: 20-Jul-16 Received: 25-Jul-16									
Bromodichloromethane	ND	34	ug/m3	5	EG62816	28-Jul-16	29-Jul-16	EPA TO-15	
cis-1,3-Dichloropropene	ND	23	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	23	"	"	"	"	"	"	
Toluene	ND	19	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	28	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	43	"	"	"	"	"	"	
Tetrachloroethene	**9300**	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	35	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	22	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	52	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	35	"	"	"	"	"	"	
4-Ethyltoluene	ND	25	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	25	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	25	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	190	"	"	"	"	"	"	
Hexachlorobutadiene	ND	270	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.7 %*		*77-127*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

16201-SG-9 (E607125-11) Vapor Sampled: 20-Jul-16 Received: 25-Jul-16

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
2-Butanone (MEK)	ND	2500	ug/m3	0.05	EG62808	27-Jul-16	27-Jul-16	H&P 8260SV	
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	"	"	"	"	"	"	
Carbon disulfide	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	**250**	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	**85000**	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	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16201-SG-9 (E607125-11) Vapor Sampled: 20-Jul-16 Received: 25-Jul-16									
1,1,2,2-Tetrachloroethane	ND	500	ug/m3	0.05	EG62808	27-Jul-16	27-Jul-16	H&P 8260SV	
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		*98.4 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*90.9 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.0 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG62816 - TO-15										
Blank (EG62816-BLK1)				Prepared & Analyzed: 28-Jul-16						
Dichlorodifluoromethane (F12)	ND	1.0	ug/m3							
Chloromethane	ND	0.21	"							
Dichlorotetrafluoroethane (F114)	ND	0.71	"							
Vinyl chloride	ND	0.13	"							
Bromomethane	ND	0.39	"							
Chloroethane	ND	0.27	"							
Trichlorofluoromethane (F11)	ND	0.56	"							
1,1-Dichloroethene	ND	0.40	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	0.77	"							
Methylene chloride (Dichloromethane)	ND	0.35	"							
Carbon disulfide	ND	0.32	"							
trans-1,2-Dichloroethene	ND	0.40	"							
1,1-Dichloroethane	ND	0.41	"							
2-Butanone (MEK)	ND	0.60	"							
cis-1,2-Dichloroethene	ND	0.40	"							
Chloroform	ND	0.25	"							
1,1,1-Trichloroethane	ND	0.55	"							
1,2-Dichloroethane (EDC)	ND	0.41	"							
Benzene	ND	0.16	"							
Carbon tetrachloride	ND	0.32	"							
Trichloroethene	ND	0.55	"							
1,2-Dichloropropane	ND	0.47	"							
Bromodichloromethane	ND	0.68	"							
cis-1,3-Dichloropropene	ND	0.46	"							
4-Methyl-2-pentanone (MIBK)	ND	0.83	"							
trans-1,3-Dichloropropene	ND	0.46	"							
Toluene	ND	0.76	"							
1,1,2-Trichloroethane	ND	0.55	"							
2-Hexanone (MBK)	ND	0.83	"							
Dibromochloromethane	ND	0.86	"							
Tetrachloroethene	ND	0.69	"							
1,2-Dibromoethane (EDB)	ND	0.78	"							
1,1,1,2-Tetrachloroethane	ND	0.70	"							
Chlorobenzene	ND	0.47	"							

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG62816 - TO-15										
Blank (EG62816-BLK1)				Prepared & Analyzed: 28-Jul-16						
Ethylbenzene	ND	0.44	ug/m3							
m,p-Xylene	ND	0.44	"							
Styrene	ND	0.43	"							
o-Xylene	ND	0.44	"							
Bromoform	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	0.70	"							
4-Ethyltoluene	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.61	"							
1,4-Dichlorobenzene	ND	0.61	"							
1,2-Dichlorobenzene	ND	0.61	"							
1,2,4-Trichlorobenzene	ND	1.9	"							
Hexachlorobutadiene	ND	2.7	"							
Surrogate: 1,2-Dichloroethane-d4	*41.3*		*"*	*42.9*		*96.5*	*76-134*			
Surrogate: Toluene-d8	*41.7*		*"*	*41.4*		*101*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*69.5*		*"*	*72.9*		*95.3*	*77-127*			
LCS (EG62816-BS1)				Prepared & Analyzed: 28-Jul-16						
Dichlorodifluoromethane (F12)	21	1.0	ug/m3	20.2		102	59-128			
Vinyl chloride	11	0.13	"	10.4		101	64-127			
Chloroethane	10	0.27	"	10.7		96.8	63-127			
Trichlorofluoromethane (F11)	21	0.56	"	22.6		94.7	62-126			
1,1-Dichloroethene	17	0.40	"	16.2		103	61-133			
1,1,2-Trichlorotrifluoroethane (F113)	34	0.77	"	31.0		109	66-126			
Methylene chloride (Dichloromethane)	15	0.35	"	14.2		103	62-115			
trans-1,2-Dichloroethene	15	0.40	"	16.2		95.9	67-124			
1,1-Dichloroethane	17	0.41	"	16.5		103	68-126			
cis-1,2-Dichloroethene	16	0.40	"	16.0		102	70-121			
Chloroform	21	0.25	"	19.8		106	68-123			
1,1,1-Trichloroethane	23	0.55	"	22.2		105	68-125			
1,2-Dichloroethane (EDC)	16	0.41	"	16.5		98.9	65-128			
Benzene	14	0.16	"	13.0		112	69-119			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG62816 - TO-15										
LCS (EG62816-BS1)				Prepared & Analyzed: 28-Jul-16						
Carbon tetrachloride	27	0.32	ug/m3	25.6		105	68-132			
Trichloroethene	21	0.55	"	21.9		96.7	71-123			
Toluene	15	0.76	"	15.4		100	66-119			
1,1,2-Trichloroethane	23	0.55	"	22.2		102	73-119			
Tetrachloroethene	29	0.69	"	27.6		103	66-124			
1,1,1,2-Tetrachloroethane	30	0.70	"	28.0		106	67-129			
Ethylbenzene	20	0.44	"	17.7		112	70-124			
m,p-Xylene	20	0.44	"	17.7		114	61-134			
o-Xylene	19	0.44	"	17.7		106	67-125			
1,1,2,2-Tetrachloroethane	30	0.70	"	28.0		106	65-127			
Surrogate: 1,2-Dichloroethane-d4	*40.8*		*"*	*42.9*		*95.3*	*76-134*			
Surrogate: Toluene-d8	*41.9*		*"*	*41.4*		*101*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*74.2*		*"*	*72.9*		*102*	*77-127*			
LCS Dup (EG62816-BSD1)				Prepared & Analyzed: 28-Jul-16						
Dichlorodifluoromethane (F12)	21	1.0	ug/m3	20.2		104	59-128	1.21	25	
Vinyl chloride	11	0.13	"	10.4		103	64-127	1.71	25	
Chloroethane	10	0.27	"	10.7		97.8	63-127	1.03	25	
Trichlorofluoromethane (F11)	22	0.56	"	22.6		96.7	62-126	2.08	25	
1,1-Dichloroethene	17	0.40	"	16.2		107	61-133	3.78	25	
1,1,2-Trichlorotrifluoroethane (F113)	34	0.77	"	31.0		110	66-126	0.911	25	
Methylene chloride (Dichloromethane)	15	0.35	"	14.2		105	62-115	2.16	25	
trans-1,2-Dichloroethene	16	0.40	"	16.2		98.8	67-124	3.07	25	
1,1-Dichloroethane	17	0.41	"	16.5		105	68-126	1.68	25	
cis-1,2-Dichloroethene	17	0.40	"	16.0		105	70-121	2.93	25	
Chloroform	21	0.25	"	19.8		106	68-123	0.703	25	
1,1,1-Trichloroethane	23	0.55	"	22.2		104	68-125	0.712	25	
1,2-Dichloroethane (EDC)	16	0.41	"	16.5		98.4	65-128	0.505	25	
Benzene	15	0.16	"	13.0		113	69-119	0.889	25	
Carbon tetrachloride	27	0.32	"	25.6		104	68-132	1.19	25	
Trichloroethene	21	0.55	"	21.9		96.0	71-123	0.774	25	
Toluene	15	0.76	"	15.4		99.9	66-119	0.496	25	
1,1,2-Trichloroethane	22	0.55	"	22.2		101	73-119	1.22	25	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG62816 - TO-15										
LCS Dup (EG62816-BSD1)				Prepared & Analyzed: 28-Jul-16						
Tetrachloroethene	28	0.69	ug/m3	27.6		103	66-124	0.484	25	
1,1,1,2-Tetrachloroethane	29	0.70	"	28.0		104	67-129	1.42	25	
Ethylbenzene	19	0.44	"	17.7		107	70-124	4.31	25	
m,p-Xylene	19	0.44	"	17.7		110	61-134	4.00	25	
o-Xylene	18	0.44	"	17.7		103	67-125	3.33	25	
1,1,2,2-Tetrachloroethane	29	0.70	"	28.0		104	65-127	2.61	25	
Surrogate: 1,2-Dichloroethane-d4	*41.3*		"	*42.9*		*96.4*	*76-134*			
Surrogate: Toluene-d8	*41.8*		"	*41.4*		*101*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*72.1*		"	*72.9*		*98.9*	*77-127*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG62808 - EPA 5030										
Blank (EG62808-BLK1)				Prepared & Analyzed: 27-Jul-16						
2-Butanone (MEK)	ND	2500	ug/m3							
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	"							
Carbon disulfide	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	"							

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG62808 - EPA 5030										
Blank (EG62808-BLK1)				Prepared & Analyzed: 27-Jul-16						
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	"							
Surrogate: Dibromofluoromethane	*2450*		*"*	*2500*		*98.0*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2540*		*"*	*2500*		*102*	*75-125*			
Surrogate: Toluene-d8	*2330*		*"*	*2500*		*93.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2330*		*"*	*2500*		*93.0*	*75-125*			
LCS (EG62808-BS1)				Prepared & Analyzed: 27-Jul-16						
Dichlorodifluoromethane (F12)	4000	500	ug/m3	5000		79.8	70-130			
Vinyl chloride	4400	50	"	5000		87.5	70-130			
Chloroethane	4800	500	"	5000		95.1	70-130			
Trichlorofluoromethane (F11)	5000	500	"	5000		99.3	70-130			
1,1-Dichloroethene	5100	500	"	5000		101	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	5100	500	"	5000		101	70-130			
Methylene chloride (Dichloromethane)	5000	500	"	5000		100	70-130			
trans-1,2-Dichloroethene	5100	500	"	5000		102	70-130			
1,1-Dichloroethane	4700	500	"	5000		93.3	70-130			
cis-1,2-Dichloroethene	5000	500	"	5000		100	70-130			
Chloroform	5400	100	"	5000		109	70-130			
1,1,1-Trichloroethane	5100	500	"	5000		103	70-130			
Carbon tetrachloride	7000	100	"	5000		141	70-130			QL-1H
1,2-Dichloroethane (EDC)	4800	100	"	5000		95.8	70-130			
Benzene	4700	100	"	5000		94.2	70-130			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG62808 - EPA 5030										
LCS (EG62808-BS1)				Prepared & Analyzed: 27-Jul-16						
Trichloroethene	5000	100	ug/m3	5000		100	70-130			
Toluene	4600	1000	"	5000		92.2	70-130			
1,1,2-Trichloroethane	4800	500	"	5000		96.4	70-130			
Tetrachloroethene	5000	100	"	5000		99.7	70-130			
Ethylbenzene	5000	500	"	5000		99.3	70-130			
1,1,1,2-Tetrachloroethane	5900	500	"	5000		118	70-130			
m,p-Xylene	9500	500	"	10000		95.3	70-130			
o-Xylene	4800	500	"	5000		95.3	70-130			
1,1,2,2-Tetrachloroethane	4600	500	"	5000		91.0	70-130			
Surrogate: Dibromofluoromethane	*2370*		*"*	*2500*		*94.8*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2530*		*"*	*2500*		*101*	*75-125*			
Surrogate: Toluene-d8	*2360*		*"*	*2500*		*94.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2150*		*"*	*2500*		*86.0*	*75-125*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

EPS, Inc.	Project: EPS072516-11	
1050 Crown Pointe Parkway, Suite 550	Project Number: TLC Cleaners / Marietta, GA	Reported:
Atlanta, GA 30338	Project Manager: Mr. Justin Vickery	01-Aug-16 13:04

Notes and Definitions

QL-1H	The LCS and/or LCSD recoveries fell above the established control specifications for this analyte. Any result for this compound is qualified and should be considered biased high.
LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP and the ISO 17025 programs, certification number L11-175.

H&P is approved by the State of Arizona as an Environmental Testing Laboratory and Mobile Laboratory, certification numbers AZM758 and AZ0779.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743, 2744, 2745, 2754 & 2930.

H&P is approved by the State of Florida Department of Health under the National Environmental Laboratory Accreditation Conference (NELAC) certification number E871100.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

H&P Mobile Geochemistry, Inc.

2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 07/20/2016
Page 1 **of** 2

Lab Client and Project Information

Lab Client/Consultant: ERS Inc.	Project Name / #: TLC Cleaners
Lab Client Project Manager: Justin Vickery	Project Location: Marietta, GA
Lab Client Address: 1050 Crown Pointe Pkwy, Ste. 550	Report E-Mail(s): jvickery@envplanning.com; atestaff@envplanning.com
Lab Client City, State, Zip: Atlanta, GA 30338	
Phone Number: 404 315 9113	

Sample Receipt (Lab Use Only)

Date Rec'd: 7/25/16	Control #: 160654.01
H&P Project # EPS072516-11	
Lab Work Order # E607125	
Sample Intact: ☑ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID: 11167 1076034	Temp: RT
Outside Lab:	
Receipt Notes/Tracking #: 1293TT61904985 2487; 1293TT6190516l 6497	
Lab PM Initials: KIM	

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD:____
☐ CA Geotracker Global ID:____

Turnaround Time

☒ 5-7 day Stnd ☐ 24-Hr Rush
☐ 3-day Rush ☐ Mobile Lab
☐ 48-Hr Rush ☐ Other:____

Sampler Information

Sampler(s): Alex Testoff
Signature: [signature]
Date: 07/20/2016

Additional Instructions to Laboratory:

☐ Check if Project Analyte List is Attached

*** Preferred VOC units (please choose one):**

☐ μg/L ☒ μg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☒ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☐ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2			
16200-IA-1		07/19/16	1633	IA	6L	485	-3.46	X												
16200-IA-2		07/19/16	1635	IA	6 L	500	-3.65	X												
16200-IA-3		07/19/16	1637	AA	6L	490	-4.24	X												
16200-IA-4		07/19/16	1639	IA	6L	487	-3.37	X												
16201-SG-4		07/20/16	0755	SS	400 mL	218	-1.41	X												
16201-SG-5		07/20/16	0810	SS	400 mL	456	-1.98	X												
16201-SG-6		07/20/16	0820	SS	400 mL	229	-1.57	X												
16201-SG-7		07/20/16	0840	SS	400 mL	029	-1.52	X												
16201-SG-8		07/20/16	0850	SS	400 mL	209	-1.73	X												
~~16201-SG-9~~		~~07/20/16~~		~~SV~~	~~400 mL~~	~~267~~		~~X~~												

Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
[signature]	ERS Inc.	07/20/16	1000	[signature]	H&P	7/25/16	12:45

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

Rev 08/18/2014

Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 07/20/16
Page 2 of 2

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 Pkwy, Ste. 550	Report E-Mail(s): jvickery@envplanning.com
Lab Client City, State, Zip: Atlanta, GA 30338	atestoff@envplanning.com
Phone Number: 404 315 9113	

Reporting Requirements

- [x] Standard Report
- [ ] Level III
- [ ] Level IV
- [ ] Excel EDD
- [ ] Other EDD:
- [ ] CA Geotracker Global ID:

Turnaround Time

- [x] 5-7 day Stnd
- [ ] 24-Hr Rush
- [ ] 3-day Rush
- [ ] Mobile Lab
- [ ] 48-Hr Rush
- [ ] Other:

Sampler Information

Sampler(s): Alex Testoff
Signature: Alex Testoff
Date: 07/20/16

Sample Receipt (Lab Use Only)

Date Rec'd: 7/25/16	Control #: 160654.01
H&P Project # EPS 072516-11	
Lab Work Order # E607125	
Sample Intact: [x] Yes [ ] No [ ] See Notes Below	
Receipt Gauge ID: 1167	Temp: RT
Outside Lab:	
Receipt Notes/Tracking #: 6497	
Lab PM Initials: KIM	

Additional Instructions to Laboratory: (*) SG-9 Analyzed by H&P 8260SV YSE 8/1/16

- [ ] Check if Project Analyte List is Attached

Preferred VOC units (please choose one):

- [ ] µg/L
- [x] µg/m³
- [ ] ppbv
- [ ] ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☒ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15 ☐ TO-17m	TPHv as Gas ☐ 8260SVm ☐ TO-15m	TPHv as Diesel (sorbent tube) ☐ TO-17m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☐ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2			
16201-DUP		07/20/16	1200	SS	400 mL	198	-.55	X												
16201-SG-9 (*)		07/20/16	0905	SV	400 mL	267	-.73	X												

Approved/Relinquished by: Alex Testoff	Company: EPS Inc.	Date: 07/20/16	Time: 1000	Received by:	Company: H&P	Date: 7/25/16	Time: 12:40
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

Rev 08/18/2014

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 01, 2016

Justin Vickery
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta GA 30338

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

RE: TLC Cleaners

Dear Justin Vickery: Order No: 1608O50

Analytical Environmental Services, Inc. received 8 samples on August 30, 2016 10:08 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's accreditations are as follows:
-NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
-NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Chris Pafford
Project Manager

Revision 9/1/2016

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

VAPOR/AIR CHAIN OF CUSTODY

Work Order #: 1608050

Page 1 of 1

Company:	Address:	Bottle Order #:	Turnaround Time (Circle One):
EPS Inc.	1050 Crown Pointe Pkwy Ste. 550 Atlanta, GA 30338	76070	Standard / 3 Day Rush / 2 Day Rush / (Other)
Phone: 404 315 9117	Fax:		
Sampled by: Alex Testoff	Signature:		

#	Sample ID	Sample Start Date	Sample Start Time (24hr)	Sample Finish Date	Sample Finish Time (24 hr)	Sample Matrix*	Canister Serial #	Flow Controller ID	Canister Pressure In Field ("Hg) Start	Canister Pressure In Field ("Hg) Stop	ANALYSIS REQUESTED TO-15	Remarks
1	16242-IA-1	8-29-16	0705	8-29-16	1455	IA	17464	01153	29	4.5	X	Next Day Rush
2	16242-IA-2		0715		1505	IA	17452	01154	27	0.5	X	Next Day Rush
3	16242-IA-3		0710		1500	AA	20232	01184	28.5	1	X	Stnd. Turnaround
4	16242-SG-4		1520		Grab	SS	3968	01104	30	0	X	Next Day Rush
5	16242-SG-5		1600		Grab	SS	3955	01135	29	2	X	Next Day Rush
6	16242-SG-6		1530		Grab	SS	3967	01081	29	2	X	Next Day Rush
7	16242-SG-7		1615		Grab	SS	3980	01095	29	0	X	Next Day Rush
8	16242-DUP	8-29-16	1200	8-29-16	Grab	SS	3901	01106	26	0	X	Stnd. Turnaround
9												
10												

SPECIAL INSTRUCTIONS/COMMENTS:
If specialized list is required, list analytes here:
SG-4, SG-5, SG-6, SG-7, IA-1, IA-2 } Next day rush
DUP, IA-3 } standard turnaround

RELINQUISHED BY: DATE/TIME:
1: 8-30-16 1010
2:
3:

RECEIVED BY: DATE/TIME:
1: 8/30/16 10:08am
2:
3:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: TLC Cleaners
PROJECT #:
SITE ADDRESS: Marietta, GA
SEND REPORT TO: jvickery@enviplanning.com
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
PO#:
STATE PROGRAM (if any): _____ E-mail? Y / N Fax? Y / N
QUOTE #:_____ DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC, AES WILL PROCEED AS STANDARD TAT.
Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

*SAMPLE MATRIX: IA = Indoor Air AA = Ambient Air SS = Subslab SV = Soil Vapor O = Other (specify)

AES, Inc., assumes no liability with respect to the collection and shipment of these samples.

White Copy - Original; Blue Copy - Client

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-IA-1
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 2:55:00 PM
Lab ID:	1608O50-001	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
1,1,1-Trichloroethane	BRL	1.1		ug/m3	228834	2	08/31/2016 08:16	MD
1,1,2,2-Tetrachloroethane	BRL	1.4		ug/m3	228834	2	08/31/2016 08:16	MD
1,1,2-Trichloroethane	BRL	1.1		ug/m3	228834	2	08/31/2016 08:16	MD
1,1-Dichloroethane	BRL	0.81		ug/m3	228834	2	08/31/2016 08:16	MD
1,1-Dichloroethene	BRL	0.79		ug/m3	228834	2	08/31/2016 08:16	MD
1,2,4-Trichlorobenzene	BRL	1.5		ug/m3	228834	2	08/31/2016 08:16	MD
1,2,4-Trimethylbenzene	BRL	0.98		ug/m3	228834	2	08/31/2016 08:16	MD
1,2-Dibromoethane	BRL	1.5		ug/m3	228834	2	08/31/2016 08:16	MD
1,2-Dichlorobenzene	BRL	1.2		ug/m3	228834	2	08/31/2016 08:16	MD
1,2-Dichloroethane	BRL	0.81		ug/m3	228834	2	08/31/2016 08:16	MD
1,2-Dichloropropane	BRL	0.92		ug/m3	228834	2	08/31/2016 08:16	MD
1,3,5-Trimethylbenzene	BRL	0.98		ug/m3	228834	2	08/31/2016 08:16	MD
1,3-Butadiene	BRL	0.44		ug/m3	228834	2	08/31/2016 08:16	MD
1,3-Dichlorobenzene	BRL	1.2		ug/m3	228834	2	08/31/2016 08:16	MD
1,4-Dichlorobenzene	BRL	1.2		ug/m3	228834	2	08/31/2016 08:16	MD
1,4-Dioxane	BRL	0.72		ug/m3	228834	2	08/31/2016 08:16	MD
2,2,4-Trimethylpentane	BRL	0.93		ug/m3	228834	2	08/31/2016 08:16	MD
2-Butanone	2.1	0.59		ug/m3	228834	2	08/31/2016 08:16	MD
2-Hexanone	BRL	0.82		ug/m3	228834	2	08/31/2016 08:16	MD
4-Ethyltoluene	BRL	0.98		ug/m3	228834	2	08/31/2016 08:16	MD
4-Methyl-2-pentanone	BRL	0.82		ug/m3	228834	2	08/31/2016 08:16	MD
Acetone	19	0.48		ug/m3	228834	2	08/31/2016 08:16	MD
Allyl chloride	BRL	0.63		ug/m3	228834	2	08/31/2016 08:16	MD
Benzene	BRL	0.64		ug/m3	228834	2	08/31/2016 08:16	MD
Benzyl chloride	BRL	1.0		ug/m3	228834	2	08/31/2016 08:16	MD
Bromodichloromethane	BRL	1.3		ug/m3	228834	2	08/31/2016 08:16	MD
Bromoform	BRL	2.1		ug/m3	228834	2	08/31/2016 08:16	MD
Bromomethane	BRL	0.78		ug/m3	228834	2	08/31/2016 08:16	MD
Carbon disulfide	BRL	0.62		ug/m3	228834	2	08/31/2016 08:16	MD
Carbon tetrachloride	BRL	1.3		ug/m3	228834	2	08/31/2016 08:16	MD
Chlorobenzene	BRL	0.92		ug/m3	228834	2	08/31/2016 08:16	MD
Chloroethane	BRL	0.53		ug/m3	228834	2	08/31/2016 08:16	MD
Chloroform	BRL	0.98		ug/m3	228834	2	08/31/2016 08:16	MD
Chloromethane	1.2	0.41		ug/m3	228834	2	08/31/2016 08:16	MD
cis-1,2-Dichloroethene	BRL	0.79		ug/m3	228834	2	08/31/2016 08:16	MD
cis-1,3-Dichloropropene	BRL	0.91		ug/m3	228834	2	08/31/2016 08:16	MD
Cyclohexane	BRL	0.69		ug/m3	228834	2	08/31/2016 08:16	MD
Dibromochloromethane	BRL	1.7		ug/m3	228834	2	08/31/2016 08:16	MD
Dichlorodifluoromethane	BRL	0.99		ug/m3	228834	2	08/31/2016 08:16	MD
Ethyl acetate	BRL	0.72		ug/m3	228834	2	08/31/2016 08:16	MD
Ethylbenzene	1.3	0.87		ug/m3	228834	2	08/31/2016 08:16	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-IA-1
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 2:55:00 PM
Lab ID:	1608O50-001	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
Freon-113	BRL	1.5		ug/m3	228834	2	08/31/2016 08:16	MD
Freon-114	BRL	1.4		ug/m3	228834	2	08/31/2016 08:16	MD
Hexachlorobutadiene	BRL	2.1		ug/m3	228834	2	08/31/2016 08:16	MD
m,p-Xylene	5.0	1.7		ug/m3	228834	2	08/31/2016 08:16	MD
Methyl tert-butyl ether	BRL	0.72		ug/m3	228834	2	08/31/2016 08:16	MD
Methylene chloride	BRL	0.69		ug/m3	228834	2	08/31/2016 08:16	MD
n-Heptane	0.94	0.82		ug/m3	228834	2	08/31/2016 08:16	MD
n-Hexane	BRL	0.70		ug/m3	228834	2	08/31/2016 08:16	MD
o-Xylene	2.0	0.87		ug/m3	228834	2	08/31/2016 08:16	MD
Propene	0.96	0.34		ug/m3	228834	2	08/31/2016 08:16	MD
Styrene	BRL	0.85		ug/m3	228834	2	08/31/2016 08:16	MD
Tetrachloroethene	15	1.4		ug/m3	228834	2	08/31/2016 08:16	MD
Tetrahydrofuran	2.3	0.59		ug/m3	228834	2	08/31/2016 08:16	MD
Toluene	5.4	0.75		ug/m3	228834	2	08/31/2016 08:16	MD
trans-1,2-Dichloroethene	BRL	0.79		ug/m3	228834	2	08/31/2016 08:16	MD
trans-1,3-Dichloropropene	BRL	0.91		ug/m3	228834	2	08/31/2016 08:16	MD
Trichloroethene	BRL	1.1		ug/m3	228834	2	08/31/2016 08:16	MD
Trichlorofluoromethane	1.3	1.1		ug/m3	228834	2	08/31/2016 08:16	MD
Vinyl acetate	BRL	0.70		ug/m3	228834	2	08/31/2016 08:16	MD
Vinyl bromide	BRL	0.87		ug/m3	228834	2	08/31/2016 08:16	MD
Vinyl chloride	BRL	0.51		ug/m3	228834	2	08/31/2016 08:16	MD
Xylenes, Total	7.0	2.6		ug/m3	228834	2	08/31/2016 08:16	MD
Surr: 4-Bromofluorobenzene	88.8	70-130		%REC	228834	2	08/31/2016 08:16	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-IA-2
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 3:05:00 PM
Lab ID:	1608O50-002	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
1,1,1-Trichloroethane	BRL	1.1		ug/m3	228834	2	08/31/2016 17:40	MD
1,1,2,2-Tetrachloroethane	BRL	1.4		ug/m3	228834	2	08/31/2016 17:40	MD
1,1,2-Trichloroethane	BRL	1.1		ug/m3	228834	2	08/31/2016 17:40	MD
1,1-Dichloroethane	BRL	0.81		ug/m3	228834	2	08/31/2016 17:40	MD
1,1-Dichloroethene	BRL	0.79		ug/m3	228834	2	08/31/2016 17:40	MD
1,2,4-Trichlorobenzene	BRL	1.5		ug/m3	228834	2	08/31/2016 17:40	MD
1,2,4-Trimethylbenzene	BRL	0.98		ug/m3	228834	2	08/31/2016 17:40	MD
1,2-Dibromoethane	BRL	1.5		ug/m3	228834	2	08/31/2016 17:40	MD
1,2-Dichlorobenzene	BRL	1.2		ug/m3	228834	2	08/31/2016 17:40	MD
1,2-Dichloroethane	BRL	0.81		ug/m3	228834	2	08/31/2016 17:40	MD
1,2-Dichloropropane	BRL	0.92		ug/m3	228834	2	08/31/2016 17:40	MD
1,3,5-Trimethylbenzene	BRL	0.98		ug/m3	228834	2	08/31/2016 17:40	MD
1,3-Butadiene	BRL	0.44		ug/m3	228834	2	08/31/2016 17:40	MD
1,3-Dichlorobenzene	BRL	1.2		ug/m3	228834	2	08/31/2016 17:40	MD
1,4-Dichlorobenzene	BRL	1.2		ug/m3	228834	2	08/31/2016 17:40	MD
1,4-Dioxane	BRL	0.72		ug/m3	228834	2	08/31/2016 17:40	MD
2,2,4-Trimethylpentane	BRL	0.93		ug/m3	228834	2	08/31/2016 17:40	MD
2-Butanone	2.2	0.59		ug/m3	228834	2	08/31/2016 17:40	MD
2-Hexanone	BRL	0.82		ug/m3	228834	2	08/31/2016 17:40	MD
4-Ethyltoluene	BRL	0.98		ug/m3	228834	2	08/31/2016 17:40	MD
4-Methyl-2-pentanone	1.3	0.82		ug/m3	228834	2	08/31/2016 17:40	MD
Acetone	23	0.48		ug/m3	228834	2	08/31/2016 17:40	MD
Allyl chloride	BRL	0.63		ug/m3	228834	2	08/31/2016 17:40	MD
Benzene	BRL	0.64		ug/m3	228834	2	08/31/2016 17:40	MD
Benzyl chloride	BRL	1.0		ug/m3	228834	2	08/31/2016 17:40	MD
Bromodichloromethane	BRL	1.3		ug/m3	228834	2	08/31/2016 17:40	MD
Bromoform	BRL	2.1		ug/m3	228834	2	08/31/2016 17:40	MD
Bromomethane	BRL	0.78		ug/m3	228834	2	08/31/2016 17:40	MD
Carbon disulfide	BRL	0.62		ug/m3	228834	2	08/31/2016 17:40	MD
Carbon tetrachloride	BRL	1.3		ug/m3	228834	2	08/31/2016 17:40	MD
Chlorobenzene	BRL	0.92		ug/m3	228834	2	08/31/2016 17:40	MD
Chloroethane	BRL	0.53		ug/m3	228834	2	08/31/2016 17:40	MD
Chloroform	BRL	0.98		ug/m3	228834	2	08/31/2016 17:40	MD
Chloromethane	1.2	0.41		ug/m3	228834	2	08/31/2016 17:40	MD
cis-1,2-Dichloroethene	BRL	0.79		ug/m3	228834	2	08/31/2016 17:40	MD
cis-1,3-Dichloropropene	BRL	0.91		ug/m3	228834	2	08/31/2016 17:40	MD
Cyclohexane	BRL	0.69		ug/m3	228834	2	08/31/2016 17:40	MD
Dibromochloromethane	BRL	1.7		ug/m3	228834	2	08/31/2016 17:40	MD
Dichlorodifluoromethane	BRL	0.99		ug/m3	228834	2	08/31/2016 17:40	MD
Ethyl acetate	BRL	0.72		ug/m3	228834	2	08/31/2016 17:40	MD
Ethylbenzene	BRL	0.87		ug/m3	228834	2	08/31/2016 17:40	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-IA-2
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 3:05:00 PM
Lab ID:	1608O50-002	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
Freon-113	BRL	1.5		ug/m3	228834	2	08/31/2016 17:40	MD
Freon-114	BRL	1.4		ug/m3	228834	2	08/31/2016 17:40	MD
Hexachlorobutadiene	BRL	2.1		ug/m3	228834	2	08/31/2016 17:40	MD
m,p-Xylene	1.7	1.7		ug/m3	228834	2	08/31/2016 17:40	MD
Methyl tert-butyl ether	BRL	0.72		ug/m3	228834	2	08/31/2016 17:40	MD
Methylene chloride	1.0	0.69		ug/m3	228834	2	08/31/2016 17:40	MD
n-Heptane	BRL	0.82		ug/m3	228834	2	08/31/2016 17:40	MD
n-Hexane	BRL	0.70		ug/m3	228834	2	08/31/2016 17:40	MD
o-Xylene	BRL	0.87		ug/m3	228834	2	08/31/2016 17:40	MD
Propene	1.0	0.34		ug/m3	228834	2	08/31/2016 17:40	MD
Styrene	7.5	0.85		ug/m3	228834	2	08/31/2016 17:40	MD
Tetrachloroethene	7.7	1.4		ug/m3	228834	2	08/31/2016 17:40	MD
Tetrahydrofuran	1.5	0.59		ug/m3	228834	2	08/31/2016 17:40	MD
Toluene	2.8	0.75		ug/m3	228834	2	08/31/2016 17:40	MD
trans-1,2-Dichloroethene	BRL	0.79		ug/m3	228834	2	08/31/2016 17:40	MD
trans-1,3-Dichloropropene	BRL	0.91		ug/m3	228834	2	08/31/2016 17:40	MD
Trichloroethene	BRL	1.1		ug/m3	228834	2	08/31/2016 17:40	MD
Trichlorofluoromethane	3.0	1.1		ug/m3	228834	2	08/31/2016 17:40	MD
Vinyl acetate	BRL	0.70		ug/m3	228834	2	08/31/2016 17:40	MD
Vinyl bromide	BRL	0.87		ug/m3	228834	2	08/31/2016 17:40	MD
Vinyl chloride	BRL	0.51		ug/m3	228834	2	08/31/2016 17:40	MD
Xylenes, Total	BRL	2.6		ug/m3	228834	2	08/31/2016 17:40	MD
Surr: 4-Bromofluorobenzene	91.5	70-130		%REC	228834	2	08/31/2016 17:40	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-IA-3
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 3:00:00 PM
Lab ID:	1608O50-003	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
1,1,1-Trichloroethane	BRL	1.1		ug/m3	228834	2	08/31/2016 09:10	MD
1,1,2,2-Tetrachloroethane	BRL	1.4		ug/m3	228834	2	08/31/2016 09:10	MD
1,1,2-Trichloroethane	BRL	1.1		ug/m3	228834	2	08/31/2016 09:10	MD
1,1-Dichloroethane	BRL	0.81		ug/m3	228834	2	08/31/2016 09:10	MD
1,1-Dichloroethene	BRL	0.79		ug/m3	228834	2	08/31/2016 09:10	MD
1,2,4-Trichlorobenzene	BRL	1.5		ug/m3	228834	2	08/31/2016 09:10	MD
1,2,4-Trimethylbenzene	BRL	0.98		ug/m3	228834	2	08/31/2016 09:10	MD
1,2-Dibromoethane	BRL	1.5		ug/m3	228834	2	08/31/2016 09:10	MD
1,2-Dichlorobenzene	BRL	1.2		ug/m3	228834	2	08/31/2016 09:10	MD
1,2-Dichloroethane	BRL	0.81		ug/m3	228834	2	08/31/2016 09:10	MD
1,2-Dichloropropane	BRL	0.92		ug/m3	228834	2	08/31/2016 09:10	MD
1,3,5-Trimethylbenzene	BRL	0.98		ug/m3	228834	2	08/31/2016 09:10	MD
1,3-Butadiene	BRL	0.44		ug/m3	228834	2	08/31/2016 09:10	MD
1,3-Dichlorobenzene	BRL	1.2		ug/m3	228834	2	08/31/2016 09:10	MD
1,4-Dichlorobenzene	BRL	1.2		ug/m3	228834	2	08/31/2016 09:10	MD
1,4-Dioxane	BRL	0.72		ug/m3	228834	2	08/31/2016 09:10	MD
2,2,4-Trimethylpentane	BRL	0.93		ug/m3	228834	2	08/31/2016 09:10	MD
2-Butanone	1.4	0.59		ug/m3	228834	2	08/31/2016 09:10	MD
2-Hexanone	BRL	0.82		ug/m3	228834	2	08/31/2016 09:10	MD
4-Ethyltoluene	BRL	0.98		ug/m3	228834	2	08/31/2016 09:10	MD
4-Methyl-2-pentanone	BRL	0.82		ug/m3	228834	2	08/31/2016 09:10	MD
Acetone	17	0.48		ug/m3	228834	2	08/31/2016 09:10	MD
Allyl chloride	BRL	0.63		ug/m3	228834	2	08/31/2016 09:10	MD
Benzene	BRL	0.64		ug/m3	228834	2	08/31/2016 09:10	MD
Benzyl chloride	BRL	1.0		ug/m3	228834	2	08/31/2016 09:10	MD
Bromodichloromethane	BRL	1.3		ug/m3	228834	2	08/31/2016 09:10	MD
Bromoform	BRL	2.1		ug/m3	228834	2	08/31/2016 09:10	MD
Bromomethane	BRL	0.78		ug/m3	228834	2	08/31/2016 09:10	MD
Carbon disulfide	BRL	0.62		ug/m3	228834	2	08/31/2016 09:10	MD
Carbon tetrachloride	BRL	1.3		ug/m3	228834	2	08/31/2016 09:10	MD
Chlorobenzene	BRL	0.92		ug/m3	228834	2	08/31/2016 09:10	MD
Chloroethane	BRL	0.53		ug/m3	228834	2	08/31/2016 09:10	MD
Chloroform	BRL	0.98		ug/m3	228834	2	08/31/2016 09:10	MD
Chloromethane	1.1	0.41		ug/m3	228834	2	08/31/2016 09:10	MD
cis-1,2-Dichloroethene	BRL	0.79		ug/m3	228834	2	08/31/2016 09:10	MD
cis-1,3-Dichloropropene	BRL	0.91		ug/m3	228834	2	08/31/2016 09:10	MD
Cyclohexane	BRL	0.69		ug/m3	228834	2	08/31/2016 09:10	MD
Dibromochloromethane	BRL	1.7		ug/m3	228834	2	08/31/2016 09:10	MD
Dichlorodifluoromethane	BRL	0.99		ug/m3	228834	2	08/31/2016 09:10	MD
Ethyl acetate	BRL	0.72		ug/m3	228834	2	08/31/2016 09:10	MD
Ethylbenzene	BRL	0.87		ug/m3	228834	2	08/31/2016 09:10	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-IA-3
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 3:00:00 PM
Lab ID:	1608O50-003	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
Freon-113	BRL	1.5		ug/m3	228834	2	08/31/2016 09:10	MD
Freon-114	BRL	1.4		ug/m3	228834	2	08/31/2016 09:10	MD
Hexachlorobutadiene	BRL	2.1		ug/m3	228834	2	08/31/2016 09:10	MD
m,p-Xylene	BRL	1.7		ug/m3	228834	2	08/31/2016 09:10	MD
Methyl tert-butyl ether	BRL	0.72		ug/m3	228834	2	08/31/2016 09:10	MD
Methylene chloride	BRL	0.69		ug/m3	228834	2	08/31/2016 09:10	MD
n-Heptane	0.98	0.82		ug/m3	228834	2	08/31/2016 09:10	MD
n-Hexane	BRL	0.70		ug/m3	228834	2	08/31/2016 09:10	MD
o-Xylene	BRL	0.87		ug/m3	228834	2	08/31/2016 09:10	MD
Propene	0.95	0.34		ug/m3	228834	2	08/31/2016 09:10	MD
Styrene	BRL	0.85		ug/m3	228834	2	08/31/2016 09:10	MD
Tetrachloroethene	1.4	1.4		ug/m3	228834	2	08/31/2016 09:10	MD
Tetrahydrofuran	BRL	0.59		ug/m3	228834	2	08/31/2016 09:10	MD
Toluene	2.0	0.75		ug/m3	228834	2	08/31/2016 09:10	MD
trans-1,2-Dichloroethene	BRL	0.79		ug/m3	228834	2	08/31/2016 09:10	MD
trans-1,3-Dichloropropene	BRL	0.91		ug/m3	228834	2	08/31/2016 09:10	MD
Trichloroethene	BRL	1.1		ug/m3	228834	2	08/31/2016 09:10	MD
Trichlorofluoromethane	1.2	1.1		ug/m3	228834	2	08/31/2016 09:10	MD
Vinyl acetate	BRL	0.70		ug/m3	228834	2	08/31/2016 09:10	MD
Vinyl bromide	BRL	0.87		ug/m3	228834	2	08/31/2016 09:10	MD
Vinyl chloride	BRL	0.51		ug/m3	228834	2	08/31/2016 09:10	MD
Xylenes, Total	BRL	2.6		ug/m3	228834	2	08/31/2016 09:10	MD
Surr: 4-Bromofluorobenzene	87	70-130		%REC	228834	2	08/31/2016 09:10	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-SG-4
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 3:20:00 PM
Lab ID:	1608O50-004	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
1,1,1-Trichloroethane	BRL	5.5		ug/m3	228834	2	08/31/2016 09:59	MD
1,1,2,2-Tetrachloroethane	BRL	6.9		ug/m3	228834	2	08/31/2016 09:59	MD
1,1,2-Trichloroethane	BRL	5.5		ug/m3	228834	2	08/31/2016 09:59	MD
1,1-Dichloroethane	BRL	4.0		ug/m3	228834	2	08/31/2016 09:59	MD
1,1-Dichloroethene	BRL	4.0		ug/m3	228834	2	08/31/2016 09:59	MD
1,2,4-Trichlorobenzene	BRL	7.4		ug/m3	228834	2	08/31/2016 09:59	MD
1,2,4-Trimethylbenzene	BRL	4.9		ug/m3	228834	2	08/31/2016 09:59	MD
1,2-Dibromoethane	BRL	7.7		ug/m3	228834	2	08/31/2016 09:59	MD
1,2-Dichlorobenzene	BRL	6.0		ug/m3	228834	2	08/31/2016 09:59	MD
1,2-Dichloroethane	BRL	4.0		ug/m3	228834	2	08/31/2016 09:59	MD
1,2-Dichloropropane	BRL	4.6		ug/m3	228834	2	08/31/2016 09:59	MD
1,3,5-Trimethylbenzene	BRL	4.9		ug/m3	228834	2	08/31/2016 09:59	MD
1,3-Butadiene	BRL	2.2		ug/m3	228834	2	08/31/2016 09:59	MD
1,3-Dichlorobenzene	BRL	6.0		ug/m3	228834	2	08/31/2016 09:59	MD
1,4-Dichlorobenzene	BRL	6.0		ug/m3	228834	2	08/31/2016 09:59	MD
1,4-Dioxane	BRL	3.6		ug/m3	228834	2	08/31/2016 09:59	MD
2,2,4-Trimethylpentane	BRL	4.7		ug/m3	228834	2	08/31/2016 09:59	MD
2-Butanone	BRL	2.9		ug/m3	228834	2	08/31/2016 09:59	MD
2-Hexanone	BRL	4.1		ug/m3	228834	2	08/31/2016 09:59	MD
4-Ethyltoluene	BRL	4.9		ug/m3	228834	2	08/31/2016 09:59	MD
4-Methyl-2-pentanone	5.5	4.1		ug/m3	228834	2	08/31/2016 09:59	MD
Acetone	10	2.4		ug/m3	228834	2	08/31/2016 09:59	MD
Allyl chloride	BRL	3.1		ug/m3	228834	2	08/31/2016 09:59	MD
Benzene	BRL	3.2		ug/m3	228834	2	08/31/2016 09:59	MD
Benzyl chloride	BRL	5.2		ug/m3	228834	2	08/31/2016 09:59	MD
Bromodichloromethane	BRL	6.7		ug/m3	228834	2	08/31/2016 09:59	MD
Bromoform	BRL	10		ug/m3	228834	2	08/31/2016 09:59	MD
Bromomethane	BRL	3.9		ug/m3	228834	2	08/31/2016 09:59	MD
Carbon disulfide	BRL	3.1		ug/m3	228834	2	08/31/2016 09:59	MD
Carbon tetrachloride	BRL	6.3		ug/m3	228834	2	08/31/2016 09:59	MD
Chlorobenzene	BRL	4.6		ug/m3	228834	2	08/31/2016 09:59	MD
Chloroethane	BRL	2.6		ug/m3	228834	2	08/31/2016 09:59	MD
Chloroform	BRL	4.9		ug/m3	228834	2	08/31/2016 09:59	MD
Chloromethane	BRL	2.1		ug/m3	228834	2	08/31/2016 09:59	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/m3	228834	2	08/31/2016 09:59	MD
cis-1,3-Dichloropropene	BRL	4.5		ug/m3	228834	2	08/31/2016 09:59	MD
Cyclohexane	BRL	3.4		ug/m3	228834	2	08/31/2016 09:59	MD
Dibromochloromethane	BRL	8.5		ug/m3	228834	2	08/31/2016 09:59	MD
Dichlorodifluoromethane	BRL	4.9		ug/m3	228834	2	08/31/2016 09:59	MD
Ethyl acetate	BRL	3.6		ug/m3	228834	2	08/31/2016 09:59	MD
Ethylbenzene	BRL	4.3		ug/m3	228834	2	08/31/2016 09:59	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-SG-4
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 3:20:00 PM
Lab ID:	1608O50-004	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
Freon-113	BRL	7.7		ug/m3	228834	2	08/31/2016 09:59	MD
Freon-114	BRL	7.0		ug/m3	228834	2	08/31/2016 09:59	MD
Hexachlorobutadiene	BRL	11		ug/m3	228834	2	08/31/2016 09:59	MD
m,p-Xylene	BRL	8.7		ug/m3	228834	2	08/31/2016 09:59	MD
Methyl tert-butyl ether	BRL	3.6		ug/m3	228834	2	08/31/2016 09:59	MD
Methylene chloride	BRL	3.5		ug/m3	228834	2	08/31/2016 09:59	MD
n-Heptane	BRL	4.1		ug/m3	228834	2	08/31/2016 09:59	MD
n-Hexane	BRL	3.5		ug/m3	228834	2	08/31/2016 09:59	MD
o-Xylene	BRL	4.3		ug/m3	228834	2	08/31/2016 09:59	MD
Propene	BRL	1.7		ug/m3	228834	2	08/31/2016 09:59	MD
Styrene	BRL	4.3		ug/m3	228834	2	08/31/2016 09:59	MD
Tetrachloroethene	3200	68		ug/m3	228834	2	08/30/2016 16:50	MD
Tetrahydrofuran	BRL	2.9		ug/m3	228834	2	08/31/2016 09:59	MD
Toluene	3.8	3.8		ug/m3	228834	2	08/31/2016 09:59	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/m3	228834	2	08/31/2016 09:59	MD
trans-1,3-Dichloropropene	BRL	4.5		ug/m3	228834	2	08/31/2016 09:59	MD
Trichloroethene	BRL	5.4		ug/m3	228834	2	08/31/2016 09:59	MD
Trichlorofluoromethane	BRL	5.6		ug/m3	228834	2	08/31/2016 09:59	MD
Vinyl acetate	BRL	3.5		ug/m3	228834	2	08/31/2016 09:59	MD
Vinyl bromide	BRL	4.4		ug/m3	228834	2	08/31/2016 09:59	MD
Vinyl chloride	BRL	2.6		ug/m3	228834	2	08/31/2016 09:59	MD
Xylenes, Total	BRL	13		ug/m3	228834	2	08/31/2016 09:59	MD
Surr: 4-Bromofluorobenzene	82	70-130		%REC	228834	2	08/30/2016 16:50	MD
Surr: 4-Bromofluorobenzene	91.2	70-130		%REC	228834	2	08/31/2016 09:59	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-SG-5
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 4:00:00 PM
Lab ID:	1608O50-005	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
1,1,1-Trichloroethane	BRL	5.5		ug/m3	228834	2	08/31/2016 10:48	MD
1,1,2,2-Tetrachloroethane	BRL	6.9		ug/m3	228834	2	08/31/2016 10:48	MD
1,1,2-Trichloroethane	BRL	5.5		ug/m3	228834	2	08/31/2016 10:48	MD
1,1-Dichloroethane	BRL	4.0		ug/m3	228834	2	08/31/2016 10:48	MD
1,1-Dichloroethene	BRL	4.0		ug/m3	228834	2	08/31/2016 10:48	MD
1,2,4-Trichlorobenzene	BRL	7.4		ug/m3	228834	2	08/31/2016 10:48	MD
1,2,4-Trimethylbenzene	BRL	4.9		ug/m3	228834	2	08/31/2016 10:48	MD
1,2-Dibromoethane	BRL	7.7		ug/m3	228834	2	08/31/2016 10:48	MD
1,2-Dichlorobenzene	BRL	6.0		ug/m3	228834	2	08/31/2016 10:48	MD
1,2-Dichloroethane	BRL	4.0		ug/m3	228834	2	08/31/2016 10:48	MD
1,2-Dichloropropane	BRL	4.6		ug/m3	228834	2	08/31/2016 10:48	MD
1,3,5-Trimethylbenzene	BRL	4.9		ug/m3	228834	2	08/31/2016 10:48	MD
1,3-Butadiene	BRL	2.2		ug/m3	228834	2	08/31/2016 10:48	MD
1,3-Dichlorobenzene	BRL	6.0		ug/m3	228834	2	08/31/2016 10:48	MD
1,4-Dichlorobenzene	BRL	6.0		ug/m3	228834	2	08/31/2016 10:48	MD
1,4-Dioxane	BRL	3.6		ug/m3	228834	2	08/31/2016 10:48	MD
2,2,4-Trimethylpentane	BRL	4.7		ug/m3	228834	2	08/31/2016 10:48	MD
2-Butanone	BRL	2.9		ug/m3	228834	2	08/31/2016 10:48	MD
2-Hexanone	BRL	4.1		ug/m3	228834	2	08/31/2016 10:48	MD
4-Ethyltoluene	BRL	4.9		ug/m3	228834	2	08/31/2016 10:48	MD
4-Methyl-2-pentanone	BRL	4.1		ug/m3	228834	2	08/31/2016 10:48	MD
Acetone	10	2.4		ug/m3	228834	2	08/31/2016 10:48	MD
Allyl chloride	BRL	3.1		ug/m3	228834	2	08/31/2016 10:48	MD
Benzene	BRL	3.2		ug/m3	228834	2	08/31/2016 10:48	MD
Benzyl chloride	BRL	5.2		ug/m3	228834	2	08/31/2016 10:48	MD
Bromodichloromethane	BRL	6.7		ug/m3	228834	2	08/31/2016 10:48	MD
Bromoform	BRL	10		ug/m3	228834	2	08/31/2016 10:48	MD
Bromomethane	BRL	3.9		ug/m3	228834	2	08/31/2016 10:48	MD
Carbon disulfide	BRL	3.1		ug/m3	228834	2	08/31/2016 10:48	MD
Carbon tetrachloride	BRL	6.3		ug/m3	228834	2	08/31/2016 10:48	MD
Chlorobenzene	BRL	4.6		ug/m3	228834	2	08/31/2016 10:48	MD
Chloroethane	BRL	2.6		ug/m3	228834	2	08/31/2016 10:48	MD
Chloroform	BRL	4.9		ug/m3	228834	2	08/31/2016 10:48	MD
Chloromethane	BRL	2.1		ug/m3	228834	2	08/31/2016 10:48	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/m3	228834	2	08/31/2016 10:48	MD
cis-1,3-Dichloropropene	BRL	4.5		ug/m3	228834	2	08/31/2016 10:48	MD
Cyclohexane	BRL	3.4		ug/m3	228834	2	08/31/2016 10:48	MD
Dibromochloromethane	BRL	8.5		ug/m3	228834	2	08/31/2016 10:48	MD
Dichlorodifluoromethane	BRL	4.9		ug/m3	228834	2	08/31/2016 10:48	MD
Ethyl acetate	BRL	3.6		ug/m3	228834	2	08/31/2016 10:48	MD
Ethylbenzene	BRL	4.3		ug/m3	228834	2	08/31/2016 10:48	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-SG-5
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 4:00:00 PM
Lab ID:	1608O50-005	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
Freon-113	BRL	7.7		ug/m3	228834	2	08/31/2016 10:48	MD
Freon-114	BRL	7.0		ug/m3	228834	2	08/31/2016 10:48	MD
Hexachlorobutadiene	BRL	11		ug/m3	228834	2	08/31/2016 10:48	MD
m,p-Xylene	BRL	8.7		ug/m3	228834	2	08/31/2016 10:48	MD
Methyl tert-butyl ether	BRL	3.6		ug/m3	228834	2	08/31/2016 10:48	MD
Methylene chloride	BRL	3.5		ug/m3	228834	2	08/31/2016 10:48	MD
n-Heptane	BRL	4.1		ug/m3	228834	2	08/31/2016 10:48	MD
n-Hexane	BRL	3.5		ug/m3	228834	2	08/31/2016 10:48	MD
o-Xylene	BRL	4.3		ug/m3	228834	2	08/31/2016 10:48	MD
Propene	BRL	1.7		ug/m3	228834	2	08/31/2016 10:48	MD
Styrene	BRL	4.3		ug/m3	228834	2	08/31/2016 10:48	MD
Tetrachloroethene	410	6.8		ug/m3	228834	2	08/31/2016 10:48	MD
Tetrahydrofuran	3.1	2.9		ug/m3	228834	2	08/31/2016 10:48	MD
Toluene	4.3	3.8		ug/m3	228834	2	08/31/2016 10:48	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/m3	228834	2	08/31/2016 10:48	MD
trans-1,3-Dichloropropene	BRL	4.5		ug/m3	228834	2	08/31/2016 10:48	MD
Trichloroethene	BRL	5.4		ug/m3	228834	2	08/31/2016 10:48	MD
Trichlorofluoromethane	BRL	5.6		ug/m3	228834	2	08/31/2016 10:48	MD
Vinyl acetate	BRL	3.5		ug/m3	228834	2	08/31/2016 10:48	MD
Vinyl bromide	BRL	4.4		ug/m3	228834	2	08/31/2016 10:48	MD
Vinyl chloride	BRL	2.6		ug/m3	228834	2	08/31/2016 10:48	MD
Xylenes, Total	BRL	13		ug/m3	228834	2	08/31/2016 10:48	MD
Surr: 4-Bromofluorobenzene	85.8	70-130		%REC	228834	2	08/31/2016 10:48	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-SG-6
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 3:30:00 PM
Lab ID:	1608O50-006	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS	**TO-15**			**(TO-15)**				
1,1,1-Trichloroethane	BRL	5.5		ug/m3	228834	2	08/31/2016 11:38	MD
1,1,2,2-Tetrachloroethane	BRL	6.9		ug/m3	228834	2	08/31/2016 11:38	MD
1,1,2-Trichloroethane	BRL	5.5		ug/m3	228834	2	08/31/2016 11:38	MD
1,1-Dichloroethane	BRL	4.0		ug/m3	228834	2	08/31/2016 11:38	MD
1,1-Dichloroethene	BRL	4.0		ug/m3	228834	2	08/31/2016 11:38	MD
1,2,4-Trichlorobenzene	BRL	7.4		ug/m3	228834	2	08/31/2016 11:38	MD
1,2,4-Trimethylbenzene	BRL	4.9		ug/m3	228834	2	08/31/2016 11:38	MD
1,2-Dibromoethane	BRL	7.7		ug/m3	228834	2	08/31/2016 11:38	MD
1,2-Dichlorobenzene	BRL	6.0		ug/m3	228834	2	08/31/2016 11:38	MD
1,2-Dichloroethane	BRL	4.0		ug/m3	228834	2	08/31/2016 11:38	MD
1,2-Dichloropropane	BRL	4.6		ug/m3	228834	2	08/31/2016 11:38	MD
1,3,5-Trimethylbenzene	BRL	4.9		ug/m3	228834	2	08/31/2016 11:38	MD
1,3-Butadiene	BRL	2.2		ug/m3	228834	2	08/31/2016 11:38	MD
1,3-Dichlorobenzene	BRL	6.0		ug/m3	228834	2	08/31/2016 11:38	MD
1,4-Dichlorobenzene	BRL	6.0		ug/m3	228834	2	08/31/2016 11:38	MD
1,4-Dioxane	BRL	3.6		ug/m3	228834	2	08/31/2016 11:38	MD
2,2,4-Trimethylpentane	BRL	4.7		ug/m3	228834	2	08/31/2016 11:38	MD
2-Butanone	BRL	2.9		ug/m3	228834	2	08/31/2016 11:38	MD
2-Hexanone	BRL	4.1		ug/m3	228834	2	08/31/2016 11:38	MD
4-Ethyltoluene	BRL	4.9		ug/m3	228834	2	08/31/2016 11:38	MD
4-Methyl-2-pentanone	BRL	4.1		ug/m3	228834	2	08/31/2016 11:38	MD
Acetone	8.9	2.4		ug/m3	228834	2	08/31/2016 11:38	MD
Allyl chloride	BRL	3.1		ug/m3	228834	2	08/31/2016 11:38	MD
Benzene	BRL	3.2		ug/m3	228834	2	08/31/2016 11:38	MD
Benzyl chloride	BRL	5.2		ug/m3	228834	2	08/31/2016 11:38	MD
Bromodichloromethane	BRL	6.7		ug/m3	228834	2	08/31/2016 11:38	MD
Bromoform	BRL	10		ug/m3	228834	2	08/31/2016 11:38	MD
Bromomethane	BRL	3.9		ug/m3	228834	2	08/31/2016 11:38	MD
Carbon disulfide	BRL	3.1		ug/m3	228834	2	08/31/2016 11:38	MD
Carbon tetrachloride	BRL	6.3		ug/m3	228834	2	08/31/2016 11:38	MD
Chlorobenzene	BRL	4.6		ug/m3	228834	2	08/31/2016 11:38	MD
Chloroethane	BRL	2.6		ug/m3	228834	2	08/31/2016 11:38	MD
Chloroform	BRL	4.9		ug/m3	228834	2	08/31/2016 11:38	MD
Chloromethane	BRL	2.1		ug/m3	228834	2	08/31/2016 11:38	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/m3	228834	2	08/31/2016 11:38	MD
cis-1,3-Dichloropropene	BRL	4.5		ug/m3	228834	2	08/31/2016 11:38	MD
Cyclohexane	BRL	3.4		ug/m3	228834	2	08/31/2016 11:38	MD
Dibromochloromethane	BRL	8.5		ug/m3	228834	2	08/31/2016 11:38	MD
Dichlorodifluoromethane	BRL	4.9		ug/m3	228834	2	08/31/2016 11:38	MD
Ethyl acetate	BRL	3.6		ug/m3	228834	2	08/31/2016 11:38	MD
Ethylbenzene	BRL	4.3		ug/m3	228834	2	08/31/2016 11:38	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-SG-6
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 3:30:00 PM
Lab ID:	1608O50-006	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
Freon-113	BRL	7.7		ug/m3	228834	2	08/31/2016 11:38	MD
Freon-114	BRL	7.0		ug/m3	228834	2	08/31/2016 11:38	MD
Hexachlorobutadiene	BRL	11		ug/m3	228834	2	08/31/2016 11:38	MD
m,p-Xylene	BRL	8.7		ug/m3	228834	2	08/31/2016 11:38	MD
Methyl tert-butyl ether	BRL	3.6		ug/m3	228834	2	08/31/2016 11:38	MD
Methylene chloride	BRL	3.5		ug/m3	228834	2	08/31/2016 11:38	MD
n-Heptane	BRL	4.1		ug/m3	228834	2	08/31/2016 11:38	MD
n-Hexane	BRL	3.5		ug/m3	228834	2	08/31/2016 11:38	MD
o-Xylene	BRL	4.3		ug/m3	228834	2	08/31/2016 11:38	MD
Propene	BRL	1.7		ug/m3	228834	2	08/31/2016 11:38	MD
Styrene	BRL	4.3		ug/m3	228834	2	08/31/2016 11:38	MD
Tetrachloroethene	1100	6.8		ug/m3	228834	2	08/31/2016 11:38	MD
Tetrahydrofuran	BRL	2.9		ug/m3	228834	2	08/31/2016 11:38	MD
Toluene	BRL	3.8		ug/m3	228834	2	08/31/2016 11:38	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/m3	228834	2	08/31/2016 11:38	MD
trans-1,3-Dichloropropene	BRL	4.5		ug/m3	228834	2	08/31/2016 11:38	MD
Trichloroethene	BRL	5.4		ug/m3	228834	2	08/31/2016 11:38	MD
Trichlorofluoromethane	BRL	5.6		ug/m3	228834	2	08/31/2016 11:38	MD
Vinyl acetate	BRL	3.5		ug/m3	228834	2	08/31/2016 11:38	MD
Vinyl bromide	BRL	4.4		ug/m3	228834	2	08/31/2016 11:38	MD
Vinyl chloride	BRL	2.6		ug/m3	228834	2	08/31/2016 11:38	MD
Xylenes, Total	BRL	13		ug/m3	228834	2	08/31/2016 11:38	MD
Surr: 4-Bromofluorobenzene	86	70-130		%REC	228834	2	08/31/2016 11:38	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-SG-7
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 4:15:00 PM
Lab ID:	1608O50-007	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
1,1,1-Trichloroethane	BRL	5.5		ug/m3	228834	2	08/31/2016 12:27	MD
1,1,2,2-Tetrachloroethane	BRL	6.9		ug/m3	228834	2	08/31/2016 12:27	MD
1,1,2-Trichloroethane	BRL	5.5		ug/m3	228834	2	08/31/2016 12:27	MD
1,1-Dichloroethane	BRL	4.0		ug/m3	228834	2	08/31/2016 12:27	MD
1,1-Dichloroethene	BRL	4.0		ug/m3	228834	2	08/31/2016 12:27	MD
1,2,4-Trichlorobenzene	BRL	7.4		ug/m3	228834	2	08/31/2016 12:27	MD
1,2,4-Trimethylbenzene	BRL	4.9		ug/m3	228834	2	08/31/2016 12:27	MD
1,2-Dibromoethane	BRL	7.7		ug/m3	228834	2	08/31/2016 12:27	MD
1,2-Dichlorobenzene	BRL	6.0		ug/m3	228834	2	08/31/2016 12:27	MD
1,2-Dichloroethane	BRL	4.0		ug/m3	228834	2	08/31/2016 12:27	MD
1,2-Dichloropropane	BRL	4.6		ug/m3	228834	2	08/31/2016 12:27	MD
1,3,5-Trimethylbenzene	BRL	4.9		ug/m3	228834	2	08/31/2016 12:27	MD
1,3-Butadiene	BRL	2.2		ug/m3	228834	2	08/31/2016 12:27	MD
1,3-Dichlorobenzene	BRL	6.0		ug/m3	228834	2	08/31/2016 12:27	MD
1,4-Dichlorobenzene	BRL	6.0		ug/m3	228834	2	08/31/2016 12:27	MD
1,4-Dioxane	BRL	3.6		ug/m3	228834	2	08/31/2016 12:27	MD
2,2,4-Trimethylpentane	BRL	4.7		ug/m3	228834	2	08/31/2016 12:27	MD
2-Butanone	BRL	2.9		ug/m3	228834	2	08/31/2016 12:27	MD
2-Hexanone	BRL	4.1		ug/m3	228834	2	08/31/2016 12:27	MD
4-Ethyltoluene	BRL	4.9		ug/m3	228834	2	08/31/2016 12:27	MD
4-Methyl-2-pentanone	BRL	4.1		ug/m3	228834	2	08/31/2016 12:27	MD
Acetone	8.8	2.4		ug/m3	228834	2	08/31/2016 12:27	MD
Allyl chloride	BRL	3.1		ug/m3	228834	2	08/31/2016 12:27	MD
Benzene	BRL	3.2		ug/m3	228834	2	08/31/2016 12:27	MD
Benzyl chloride	BRL	5.2		ug/m3	228834	2	08/31/2016 12:27	MD
Bromodichloromethane	BRL	6.7		ug/m3	228834	2	08/31/2016 12:27	MD
Bromoform	BRL	10		ug/m3	228834	2	08/31/2016 12:27	MD
Bromomethane	BRL	3.9		ug/m3	228834	2	08/31/2016 12:27	MD
Carbon disulfide	BRL	3.1		ug/m3	228834	2	08/31/2016 12:27	MD
Carbon tetrachloride	BRL	6.3		ug/m3	228834	2	08/31/2016 12:27	MD
Chlorobenzene	BRL	4.6		ug/m3	228834	2	08/31/2016 12:27	MD
Chloroethane	BRL	2.6		ug/m3	228834	2	08/31/2016 12:27	MD
Chloroform	BRL	4.9		ug/m3	228834	2	08/31/2016 12:27	MD
Chloromethane	BRL	2.1		ug/m3	228834	2	08/31/2016 12:27	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/m3	228834	2	08/31/2016 12:27	MD
cis-1,3-Dichloropropene	BRL	4.5		ug/m3	228834	2	08/31/2016 12:27	MD
Cyclohexane	BRL	3.4		ug/m3	228834	2	08/31/2016 12:27	MD
Dibromochloromethane	BRL	8.5		ug/m3	228834	2	08/31/2016 12:27	MD
Dichlorodifluoromethane	BRL	4.9		ug/m3	228834	2	08/31/2016 12:27	MD
Ethyl acetate	BRL	3.6		ug/m3	228834	2	08/31/2016 12:27	MD
Ethylbenzene	BRL	4.3		ug/m3	228834	2	08/31/2016 12:27	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-SG-7
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 4:15:00 PM
Lab ID:	1608O50-007	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
Freon-113	BRL	7.7		ug/m3	228834	2	08/31/2016 12:27	MD
Freon-114	BRL	7.0		ug/m3	228834	2	08/31/2016 12:27	MD
Hexachlorobutadiene	BRL	11		ug/m3	228834	2	08/31/2016 12:27	MD
m,p-Xylene	BRL	8.7		ug/m3	228834	2	08/31/2016 12:27	MD
Methyl tert-butyl ether	BRL	3.6		ug/m3	228834	2	08/31/2016 12:27	MD
Methylene chloride	BRL	3.5		ug/m3	228834	2	08/31/2016 12:27	MD
n-Heptane	BRL	4.1		ug/m3	228834	2	08/31/2016 12:27	MD
n-Hexane	BRL	3.5		ug/m3	228834	2	08/31/2016 12:27	MD
o-Xylene	BRL	4.3		ug/m3	228834	2	08/31/2016 12:27	MD
Propene	BRL	1.7		ug/m3	228834	2	08/31/2016 12:27	MD
Styrene	BRL	4.3		ug/m3	228834	2	08/31/2016 12:27	MD
Tetrachloroethene	320	6.8		ug/m3	228834	2	08/31/2016 12:27	MD
Tetrahydrofuran	BRL	2.9		ug/m3	228834	2	08/31/2016 12:27	MD
Toluene	BRL	3.8		ug/m3	228834	2	08/31/2016 12:27	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/m3	228834	2	08/31/2016 12:27	MD
trans-1,3-Dichloropropene	BRL	4.5		ug/m3	228834	2	08/31/2016 12:27	MD
Trichloroethene	BRL	5.4		ug/m3	228834	2	08/31/2016 12:27	MD
Trichlorofluoromethane	BRL	5.6		ug/m3	228834	2	08/31/2016 12:27	MD
Vinyl acetate	BRL	3.5		ug/m3	228834	2	08/31/2016 12:27	MD
Vinyl bromide	BRL	4.4		ug/m3	228834	2	08/31/2016 12:27	MD
Vinyl chloride	BRL	2.6		ug/m3	228834	2	08/31/2016 12:27	MD
Xylenes, Total	BRL	13		ug/m3	228834	2	08/31/2016 12:27	MD
Surr: 4-Bromofluorobenzene	77.8	70-130		%REC	228834	2	08/31/2016 12:27	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-DUP
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 12:00:00 PM
Lab ID:	1608O50-008	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
1,1,1-Trichloroethane	BRL	5.5		ug/m3	228834	2	08/31/2016 18:29	MD
1,1,2,2-Tetrachloroethane	BRL	6.9		ug/m3	228834	2	08/31/2016 18:29	MD
1,1,2-Trichloroethane	BRL	5.5		ug/m3	228834	2	08/31/2016 18:29	MD
1,1-Dichloroethane	BRL	4.0		ug/m3	228834	2	08/31/2016 18:29	MD
1,1-Dichloroethene	BRL	4.0		ug/m3	228834	2	08/31/2016 18:29	MD
1,2,4-Trichlorobenzene	BRL	7.4		ug/m3	228834	2	08/31/2016 18:29	MD
1,2,4-Trimethylbenzene	BRL	4.9		ug/m3	228834	2	08/31/2016 18:29	MD
1,2-Dibromoethane	BRL	7.7		ug/m3	228834	2	08/31/2016 18:29	MD
1,2-Dichlorobenzene	BRL	6.0		ug/m3	228834	2	08/31/2016 18:29	MD
1,2-Dichloroethane	BRL	4.0		ug/m3	228834	2	08/31/2016 18:29	MD
1,2-Dichloropropane	BRL	4.6		ug/m3	228834	2	08/31/2016 18:29	MD
1,3,5-Trimethylbenzene	BRL	4.9		ug/m3	228834	2	08/31/2016 18:29	MD
1,3-Butadiene	BRL	2.2		ug/m3	228834	2	08/31/2016 18:29	MD
1,3-Dichlorobenzene	BRL	6.0		ug/m3	228834	2	08/31/2016 18:29	MD
1,4-Dichlorobenzene	BRL	6.0		ug/m3	228834	2	08/31/2016 18:29	MD
1,4-Dioxane	BRL	3.6		ug/m3	228834	2	08/31/2016 18:29	MD
2,2,4-Trimethylpentane	BRL	4.7		ug/m3	228834	2	08/31/2016 18:29	MD
2-Butanone	BRL	2.9		ug/m3	228834	2	08/31/2016 18:29	MD
2-Hexanone	BRL	4.1		ug/m3	228834	2	08/31/2016 18:29	MD
4-Ethyltoluene	BRL	4.9		ug/m3	228834	2	08/31/2016 18:29	MD
4-Methyl-2-pentanone	BRL	4.1		ug/m3	228834	2	08/31/2016 18:29	MD
Acetone	8.1	2.4		ug/m3	228834	2	08/31/2016 18:29	MD
Allyl chloride	BRL	3.1		ug/m3	228834	2	08/31/2016 18:29	MD
Benzene	BRL	3.2		ug/m3	228834	2	08/31/2016 18:29	MD
Benzyl chloride	BRL	5.2		ug/m3	228834	2	08/31/2016 18:29	MD
Bromodichloromethane	BRL	6.7		ug/m3	228834	2	08/31/2016 18:29	MD
Bromoform	BRL	10		ug/m3	228834	2	08/31/2016 18:29	MD
Bromomethane	BRL	3.9		ug/m3	228834	2	08/31/2016 18:29	MD
Carbon disulfide	BRL	3.1		ug/m3	228834	2	08/31/2016 18:29	MD
Carbon tetrachloride	BRL	6.3		ug/m3	228834	2	08/31/2016 18:29	MD
Chlorobenzene	BRL	4.6		ug/m3	228834	2	08/31/2016 18:29	MD
Chloroethane	BRL	2.6		ug/m3	228834	2	08/31/2016 18:29	MD
Chloroform	BRL	4.9		ug/m3	228834	2	08/31/2016 18:29	MD
Chloromethane	BRL	2.1		ug/m3	228834	2	08/31/2016 18:29	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/m3	228834	2	08/31/2016 18:29	MD
cis-1,3-Dichloropropene	BRL	4.5		ug/m3	228834	2	08/31/2016 18:29	MD
Cyclohexane	BRL	3.4		ug/m3	228834	2	08/31/2016 18:29	MD
Dibromochloromethane	BRL	8.5		ug/m3	228834	2	08/31/2016 18:29	MD
Dichlorodifluoromethane	BRL	4.9		ug/m3	228834	2	08/31/2016 18:29	MD
Ethyl acetate	BRL	3.6		ug/m3	228834	2	08/31/2016 18:29	MD
Ethylbenzene	BRL	4.3		ug/m3	228834	2	08/31/2016 18:29	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 1-Sep-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16242-DUP
Project Name:	TLC Cleaners	**Collection Date:**	8/29/2016 12:00:00 PM
Lab ID:	1608O50-008	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
Freon-113	BRL	7.7		ug/m3	228834	2	08/31/2016 18:29	MD
Freon-114	BRL	7.0		ug/m3	228834	2	08/31/2016 18:29	MD
Hexachlorobutadiene	BRL	11		ug/m3	228834	2	08/31/2016 18:29	MD
m,p-Xylene	BRL	8.7		ug/m3	228834	2	08/31/2016 18:29	MD
Methyl tert-butyl ether	BRL	3.6		ug/m3	228834	2	08/31/2016 18:29	MD
Methylene chloride	BRL	3.5		ug/m3	228834	2	08/31/2016 18:29	MD
n-Heptane	BRL	4.1		ug/m3	228834	2	08/31/2016 18:29	MD
n-Hexane	BRL	3.5		ug/m3	228834	2	08/31/2016 18:29	MD
o-Xylene	BRL	4.3		ug/m3	228834	2	08/31/2016 18:29	MD
Propene	BRL	1.7		ug/m3	228834	2	08/31/2016 18:29	MD
Styrene	BRL	4.3		ug/m3	228834	2	08/31/2016 18:29	MD
Tetrachloroethene	4100	68		ug/m3	228834	2	08/30/2016 20:01	MD
Tetrahydrofuran	BRL	2.9		ug/m3	228834	2	08/31/2016 18:29	MD
Toluene	BRL	3.8		ug/m3	228834	2	08/31/2016 18:29	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/m3	228834	2	08/31/2016 18:29	MD
trans-1,3-Dichloropropene	BRL	4.5		ug/m3	228834	2	08/31/2016 18:29	MD
Trichloroethene	BRL	5.4		ug/m3	228834	2	08/31/2016 18:29	MD
Trichlorofluoromethane	BRL	5.6		ug/m3	228834	2	08/31/2016 18:29	MD
Vinyl acetate	BRL	3.5		ug/m3	228834	2	08/31/2016 18:29	MD
Vinyl bromide	BRL	4.4		ug/m3	228834	2	08/31/2016 18:29	MD
Vinyl chloride	BRL	2.6		ug/m3	228834	2	08/31/2016 18:29	MD
Xylenes, Total	BRL	13		ug/m3	228834	2	08/31/2016 18:29	MD
Surr: 4-Bromofluorobenzene	79.8	70-130		%REC	228834	2	08/30/2016 20:01	MD
Surr: 4-Bromofluorobenzene	89.8	70-130		%REC	228834	2	08/31/2016 18:29	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample Receipt Checklist for Air Canisters

Client EPS Work Order Number 1608050

Checklist completed by Alan P. 8/30/16
Signature Date

Carrier name: FedEx____ UPS____ Courier____ Client ✓ US Mail____ Other____

Shipping container in good condition?	Yes ✓ No___ Not Present___
Custody seals intact on shipping container?	Yes___ No___ Not Present ✓
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___
Field data sheets present?	Yes___ No ✓
Sample containers intact?	Yes ✓ No___

If no, explain: ____

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 ✓
All canisters received per Bottle Order issued?	Yes ✓ No___

See Case Narrative for resolution of the Non-Conformance.

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1608O50

ANALYTICAL QC SUMMARY REPORT

BatchID: 228834

Sample ID: **MB-228834** Client ID: Units: **ppbv** Prep Date: **08/30/2016** Run No: **324269**
SampleType: **MBLK** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **228834** Analysis Date: **08/30/2016** Seq No: **7016025**

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	0.20									
1,1,2,2-Tetrachloroethane	BRL	0.20									
1,1,2-Trichloroethane	BRL	0.20									
1,1-Dichloroethane	BRL	0.20									
1,1-Dichloroethene	BRL	0.20									
1,2,4-Trichlorobenzene	BRL	0.20									
1,2,4-Trimethylbenzene	BRL	0.20									
1,2-Dibromoethane	BRL	0.20									
1,2-Dichlorobenzene	BRL	0.20									
1,2-Dichloroethane	BRL	0.20									
1,2-Dichloropropane	BRL	0.20									
1,3,5-Trimethylbenzene	BRL	0.20									
1,3-Butadiene	BRL	0.20									
1,3-Dichlorobenzene	BRL	0.20									
1,4-Dichlorobenzene	BRL	0.20									
1,4-Dioxane	BRL	0.20									
2,2,4-Trimethylpentane	BRL	0.20									
2-Butanone	BRL	0.20									
2-Hexanone	BRL	0.20									
4-Ethyltoluene	BRL	0.20									
4-Methyl-2-pentanone	BRL	0.20									
Acetone	BRL	1.0									
Allyl chloride	BRL	0.20									
Benzene	BRL	0.20									
Benzyl chloride	BRL	0.20									
Bromodichloromethane	BRL	0.20									
Bromoform	BRL	0.20									

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: 1608O50

ANALYTICAL QC SUMMARY REPORT

BatchID: 228834

Sample ID: **MB-228834** Client ID: Units: **ppbv** Prep Date: **08/30/2016** Run No: **324269**
SampleType: **MBLK** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **228834** Analysis Date: **08/30/2016** Seq No: **7016025**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Bromomethane	BRL	0.20									
Carbon disulfide	BRL	0.20									
Carbon tetrachloride	BRL	0.20									
Chlorobenzene	BRL	0.20									
Chloroethane	BRL	0.20									
Chloroform	BRL	0.20									
Chloromethane	BRL	0.20									
cis-1,2-Dichloroethene	BRL	0.20									
cis-1,3-Dichloropropene	BRL	0.20									
Cyclohexane	BRL	0.20									
Dibromochloromethane	BRL	0.20									
Dichlorodifluoromethane	BRL	0.20									
Ethyl acetate	BRL	0.20									
Ethylbenzene	BRL	0.20									
Freon-113	BRL	0.20									
Freon-114	BRL	0.20									
Hexachlorobutadiene	BRL	0.20									
m,p-Xylene	BRL	0.40									
Methyl tert-butyl ether	BRL	0.20									
Methylene chloride	BRL	0.20									
n-Heptane	BRL	0.20									
n-Hexane	BRL	0.20									
o-Xylene	BRL	0.20									
Propene	BRL	0.20									
Styrene	BRL	0.20									
Tetrachloroethene	BRL	0.20									
Tetrahydrofuran	BRL	0.20									

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: 1608O50

ANALYTICAL QC SUMMARY REPORT

BatchID: 228834

Sample ID: **MB-228834** Client ID: Units: **ppbv** Prep Date: **08/30/2016** Run No: **324269**
SampleType: **MBLK** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **228834** Analysis Date: **08/30/2016** Seq No: **7016025**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Toluene	BRL	0.20									
trans-1,2-Dichloroethene	BRL	0.20									
trans-1,3-Dichloropropene	BRL	0.20									
Trichloroethene	BRL	0.20									
Trichlorofluoromethane	BRL	0.20									
Vinyl acetate	BRL	0.20									
Vinyl bromide	BRL	0.20									
Vinyl chloride	BRL	0.20									
Xylenes, Total	BRL	0.60									
Surr: 4-Bromofluorobenzene	3.630	0	4.000		90.8	70	130				

Sample ID: **LCS-228834** Client ID: Units: **ppbv** Prep Date: **08/30/2016** Run No: **324269**
SampleType: **LCS** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **228834** Analysis Date: **08/30/2016** Seq No: **7016028**

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	4.090	0.20	4.000		102	70	130				
1,1,2,2-Tetrachloroethane	4.280	0.20	4.000		107	70	130				
1,1,2-Trichloroethane	4.230	0.20	4.000		106	70	130				
1,1-Dichloroethane	4.290	0.20	4.000		107	70	130				
1,1-Dichloroethene	4.210	0.20	4.000		105	70	130				
1,2,4-Trichlorobenzene	3.510	0.20	4.000		87.8	70	130				
1,2,4-Trimethylbenzene	4.270	0.20	4.000	0.04000	106	70	130				
1,2-Dibromoethane	4.150	0.20	4.000		104	70	130				
1,2-Dichlorobenzene	4.190	0.20	4.000		105	70	130				
1,2-Dichloroethane	4.430	0.20	4.000		111	70	130				
1,2-Dichloropropane	4.240	0.20	4.000		106	70	130				
1,3,5-Trimethylbenzene	4.240	0.20	4.000	0.04000	105	70	130				
1,3-Butadiene	4.410	0.20	4.000		110	70	130				

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: 1608O50

ANALYTICAL QC SUMMARY REPORT

BatchID: 228834

Sample ID: **LCS-228834** Client ID: Units: **ppbv** Prep Date: **08/30/2016** Run No: **324269**
SampleType: **LCS** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **228834** Analysis Date: **08/30/2016** Seq No: **7016028**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,3-Dichlorobenzene	4.290	0.20	4.000		107	70	130				
1,4-Dichlorobenzene	4.230	0.20	4.000		106	70	130				
1,4-Dioxane	4.110	0.20	4.000		103	70	130				
2,2,4-Trimethylpentane	4.460	0.20	4.000		112	70	130				
2-Butanone	4.040	0.20	4.000		101	70	130				
2-Hexanone	4.140	0.20	4.000		104	70	130				
4-Ethyltoluene	4.240	0.20	4.000		106	70	130				
4-Methyl-2-pentanone	4.290	0.20	4.000		107	70	130				
Acetone	4.260	1.0	4.000	0.1700	102	70	130				
Allyl chloride	4.280	0.20	4.000		107	70	130				
Benzene	4.220	0.20	4.000		106	70	130				
Benzyl chloride	3.970	0.20	4.000		99.2	70	130				
Bromodichloromethane	4.300	0.20	4.000		108	70	130				
Bromoform	3.960	0.20	4.000		99.0	70	130				
Bromomethane	4.310	0.20	4.000		108	70	130				
Carbon disulfide	4.310	0.20	4.000		108	70	130				
Carbon tetrachloride	4.250	0.20	4.000		106	70	130				
Chlorobenzene	4.150	0.20	4.000		104	70	130				
Chloroethane	4.250	0.20	4.000		106	70	130				
Chloroform	4.150	0.20	4.000		104	70	130				
Chloromethane	4.310	0.20	4.000		108	70	130				
cis-1,2-Dichloroethene	4.060	0.20	4.000		102	70	130				
cis-1,3-Dichloropropene	4.130	0.20	4.000		103	70	130				
Cyclohexane	4.120	0.20	4.000		103	70	130				
Dibromochloromethane	4.120	0.20	4.000		103	70	130				
Dichlorodifluoromethane	4.390	0.20	4.000		110	70	130				
Ethyl acetate	4.150	0.20	4.000		104	70	130				

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: 1608O50

ANALYTICAL QC SUMMARY REPORT

BatchID: 228834

Sample ID: **LCS-228834** Client ID: Units: **ppbv** Prep Date: **08/30/2016** Run No: **324269**
SampleType: **LCS** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **228834** Analysis Date: **08/30/2016** Seq No: **7016028**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Ethylbenzene	4.320	0.20	4.000		108	70	130				
Freon-113	4.280	0.20	4.000		107	70	130				
Freon-114	4.390	0.20	4.000		110	70	130				
Hexachlorobutadiene	3.920	0.20	4.000	0.04000	97.0	70	130				
m,p-Xylene	8.670	0.40	8.000		108	70	130				
Methyl tert-butyl ether	4.170	0.20	4.000		104	70	130				
Methylene chloride	4.170	0.20	4.000	0.08000	102	70	130				
n-Heptane	4.440	0.20	4.000		111	70	130				
n-Hexane	4.170	0.20	4.000		104	70	130				
o-Xylene	4.360	0.20	4.000	0.04000	108	70	130				
Propene	4.240	0.20	4.000		106	70	130				
Styrene	4.270	0.20	4.000		107	70	130				
Tetrachloroethene	4.140	0.20	4.000		104	70	130				
Tetrahydrofuran	4.110	0.20	4.000		103	70	130				
Toluene	4.280	0.20	4.000		107	70	130				
trans-1,2-Dichloroethene	4.200	0.20	4.000		105	70	130				
trans-1,3-Dichloropropene	4.120	0.20	4.000		103	70	130				
Trichloroethene	4.180	0.20	4.000		104	70	130				
Trichlorofluoromethane	4.400	0.20	4.000		110	70	130				
Vinyl acetate	4.300	0.20	4.000		108	70	130				
Vinyl bromide	4.200	0.20	4.000		105	70	130				
Vinyl chloride	4.470	0.20	4.000		112	70	130				
Xylenes, Total	13.03	0.60	12.00	0.04000	108	70	130				
Surr: 4-Bromofluorobenzene	4.090	0	4.000		102	70	130				

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: 1608O50

ANALYTICAL QC SUMMARY REPORT

BatchID: 228834

Sample ID: **1608O50-002ADUP** Client ID: **16242-IA-2** Units: **ppbv** Prep Date: **08/30/2016** Run No: **324378**
SampleType: **DUP** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **228834** Analysis Date: **08/31/2016** Seq No: **7019241**

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	0.20						0	0	25	
1,1,2,2-Tetrachloroethane	BRL	0.20						0	0	25	
1,1,2-Trichloroethane	BRL	0.20						0	0	25	
1,1-Dichloroethane	BRL	0.20						0	0	25	
1,1-Dichloroethene	BRL	0.20						0	0	25	
1,2,4-Trichlorobenzene	BRL	0.20						0	0	25	
1,2,4-Trimethylbenzene	BRL	0.20						0.09000	0	25	
1,2-Dibromoethane	BRL	0.20						0	0	25	
1,2-Dichlorobenzene	BRL	0.20						0	0	25	
1,2-Dichloroethane	BRL	0.20						0	0	25	
1,2-Dichloropropane	BRL	0.20						0	0	25	
1,3,5-Trimethylbenzene	BRL	0.20						0	0	25	
1,3-Butadiene	BRL	0.20						0	0	25	
1,3-Dichlorobenzene	BRL	0.20						0	0	25	
1,4-Dichlorobenzene	BRL	0.20						0	0	25	
1,4-Dioxane	BRL	0.20						0	0	25	
2,2,4-Trimethylpentane	BRL	0.20						0.1300	0	25	
2-Butanone	0.7200	0.20						0.7500	4.08	25	
2-Hexanone	BRL	0.20						0	0	25	
4-Ethyltoluene	BRL	0.20						0	0	25	
4-Methyl-2-pentanone	0.3300	0.20						0.3200	3.08	25	
Acetone	9.370	1.0						9.650	2.94	25	
Allyl chloride	BRL	0.20						0	0	25	
Benzene	BRL	0.20						0.1700	0	25	
Benzyl chloride	BRL	0.20						0	0	25	
Bromodichloromethane	BRL	0.20						0	0	25	
Bromoform	BRL	0.20						0	0	25	

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: 1608O50

ANALYTICAL QC SUMMARY REPORT

BatchID: 228834

Sample ID: **1608O50-002ADUP** Client ID: **16242-IA-2** Units: **ppbv** Prep Date: **08/30/2016** Run No: **324378**
SampleType: **DUP** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **228834** Analysis Date: **08/31/2016** Seq No: **7019241**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Bromomethane	BRL	0.20						0	0	25	
Carbon disulfide	BRL	0.20						0.1900	0	25	
Carbon tetrachloride	BRL	0.20						0	0	25	
Chlorobenzene	BRL	0.20						0	0	25	
Chloroethane	BRL	0.20						0	0	25	
Chloroform	BRL	0.20						0.07000	0	25	
Chloromethane	0.6000	0.20						0.5900	1.68	25	
cis-1,2-Dichloroethene	BRL	0.20						0	0	25	
cis-1,3-Dichloropropene	BRL	0.20						0	0	25	
Cyclohexane	BRL	0.20						0	0	25	
Dibromochloromethane	BRL	0.20						0	0	25	
Dichlorodifluoromethane	BRL	0.20						0	0	25	
Ethyl acetate	BRL	0.20						0	0	25	
Ethylbenzene	BRL	0.20						0.1200	0	25	
Freon-113	BRL	0.20						0.07000	0	25	
Freon-114	BRL	0.20						0	0	25	
Hexachlorobutadiene	BRL	0.20						0	0	25	
m,p-Xylene	0.4100	0.40						0.4000	2.47	25	
Methyl tert-butyl ether	BRL	0.20						0	0	25	
Methylene chloride	0.3100	0.20						0.3000	3.28	25	
n-Heptane	BRL	0.20						0.1700	0	25	
n-Hexane	BRL	0.20						0.1400	0	25	
o-Xylene	BRL	0.20						0.1700	0	25	
Propene	0.5400	0.20						0.6000	10.5	25	
Styrene	1.760	0.20						1.750	0.570	25	
Tetrachloroethene	1.210	0.20						1.140	5.96	25	
Tetrahydrofuran	0.5600	0.20						0.5100	9.35	25	

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: 1608O50

ANALYTICAL QC SUMMARY REPORT

BatchID: 228834

Sample ID: **1608O50-002ADUP** Client ID: **16242-IA-2** Units: **ppbv** Prep Date: **08/30/2016** Run No: **324378**
SampleType: **DUP** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **228834** Analysis Date: **08/31/2016** Seq No: **7019241**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Toluene	0.7300	0.20						0.7300	0	25	
trans-1,2-Dichloroethene	BRL	0.20						0	0	25	
trans-1,3-Dichloropropene	BRL	0.20						0	0	25	
Trichloroethene	BRL	0.20						0	0	25	
Trichlorofluoromethane	0.5100	0.20						0.5300	3.85	25	
Vinyl acetate	BRL	0.20						0	0	25	
Vinyl bromide	BRL	0.20						0	0	25	
Vinyl chloride	BRL	0.20						0	0	25	
Xylenes, Total	BRL	0.60						0.5700	0	25	
Surr: 4-Bromofluorobenzene	3.620	0	4.000		90.5	70	130	3.660	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		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

November 09, 2016

Justin Vickery
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta GA 30338

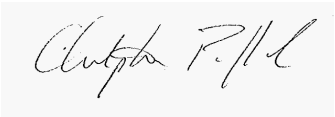
TEL: (404) 315-9113
FAX: (404) 315-8509

RE: TLC Cleaners

Dear Justin Vickery: Order No: 1610P78

Analytical Environmental Services, Inc. received 5 samples on October 31, 2016 3:00 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's accreditations are as follows:
-NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
-NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.



Chris Pafford
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

VAPOR/AIR CHAIN OF CUSTODY

Work Order #: 1610178

Page 1 of 1

Company:	Address:	Bottle Order #:	Turnaround Time (Circle One):
EPS	Atlanta, GA		(Standard) 3 Day Rush 2 Day Rush Other
Phone: 404-315-9113	Fax:		
Sampled by: Justin Vickery	Signature:		

#	Sample ID	Sample Start Date	Sample Start Time (24hr)	Sample Finish Date	Sample Finish Time (24 hr)	Sample Matrix*	Canister Serial #	Flow Controller ID	Canister Pressure In Field ("Hg) Start	Canister Pressure In Field ("Hg) Stop	ANALYSIS REQUESTED TO-15	Remarks
1	16305-SG-9	10.31.16	13:04	10.31.16	13:12	SV	3984	01128	26	0	X	
2	16305-SG-10	10.31.16	12:39	10.31.16	12:55	SV	3981	01082	29	0	X	
3	16305-SG-11	10.31.16	12:26	10.31.16	12:33	SV	3995	01142	25	0	X	
4	16305-SG-12	10.31.16	12:10	10.31.16	12:16	SV	496	01106	27	0	X	
5	16305-SG-Dup	10.31.16	13:13	10.31.16	13:21	SV	3988	01115	27	0	X	
6												
7												
8												
9												
10												

SPECIAL INSTRUCTIONS/COMMENTS:
If specialized list is required, list analytes here:

RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1:	10.31.16/15:00	1: Jessica Ahuing	10/31/16 3:00 pm
2:		2:	
3:		3:	

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: TLC Cleaners
PROJECT #:
SITE ADDRESS: Marietta, GA
SEND REPORT TO: EPS
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
PO#:
STATE PROGRAM (if any): _____ E-mail? Y / N Fax? Y / N
QUOTE #:_____ DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC, AES WILL PROCEED AS STANDARD TAT.
Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

*SAMPLE MATRIX: IA = Indoor Air AA = Ambient Air SS = Subslab SV = Soil Vapor O = Other (specify)

AES, Inc., assumes no liability with respect to the collection and shipment of these samples.

White Copy - Original; Blue 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

VAPOR/AIR FIELD TEST DATA SHEET

Work Order #: 16010P78

Company: EPS	Address: Atlanta, GA	Project Name: TLC Cleaners	Project Number:
		Site Address: Marietta, GA	
Phone: 404-315-9113	Fax:	**SAMPLING INFORMATION**	
Sampled by: Justin Vickery	Signature:		

#	Sample ID	Canister Serial #	Flow Controller ID#	Canister Cert. ID#	Sample Start: Date	Sample Start: Time (24hr)	Sample Start: Canister Pressure in Field ("Hg)	Sample Start: Flow Control Readout (mL/min)	Sample Start: Temperature Interior (°F)	Sample Start: Temperature Ambient (°F)	Sample Stop: Date	Sample Stop: Time (24hr)	Sample Stop: Canister Pressure in Field ("Hg)	Sample Stop: Flow Control Readout (mL/min)	Sample Stop: Temperature Interior (°F)	Sample Stop: Temperature Ambient (°F)
1	16305-SG-9	3984	01128	228427	10.31.16	13:04	26			80	10.31.16	13:12	0			80
2	16305-SG-10	3981	01082	228427	10.31.16	12:39	29			80	10.31.16	12:55	0			80
3	16305-SG-11	3995	01142	228427	10.31.16	12:26	25			80	10.31.16	12:33	0			80
4	16305-SG-12	496	01106	228427	10.31.16	12:10	27			80	10.31.16	12:16	0			80
5	16305-SG-Dup	3988	01115	228427	10.31.16	13:13	27			80	10.31.16	13:21	0			80
6																
7																
8																
9																
10																

Date Shipped Out From Lab:

Date Received Back To Lab:

Weather Conditions

Ambient Temp Avg: 80°F
Ambient Temp High/Low:
Indoor Air Temp Avg: Sunny
Barometric Pressure: Light Breeze
Wind Speed/Direction:
Other:

Field Notes:

White Copy - Original; Blue Copy - Client

Analytical Environmental Services, Inc

Date: 9-Nov-16

Client: Environmental Planning Specialists, Inc.
Project: TLC Cleaners
Lab ID: 1610P78

Case Narrative

Volatiles Organic Compounds Analysis by Method TO-15:

Tetrachloroethene value for the QC sample 1610P78-005ADUP is "E" qualified indicating estimated values over linear calibration range due to the level of target analyte present in the unspiked sample.

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 9-Nov-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16305-SG-9
Project Name:	TLC Cleaners	**Collection Date:**	10/31/2016 1:12:00 PM
Lab ID:	1610P78-001	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
1,1,1-Trichloroethane	BRL	5.5		ug/m3	232378	2	11/03/2016 17:58	MD
1,1,2,2-Tetrachloroethane	BRL	6.9		ug/m3	232378	2	11/03/2016 17:58	MD
1,1,2-Trichloroethane	BRL	5.5		ug/m3	232378	2	11/03/2016 17:58	MD
1,1-Dichloroethane	BRL	4.0		ug/m3	232378	2	11/03/2016 17:58	MD
1,1-Dichloroethene	BRL	4.0		ug/m3	232378	2	11/03/2016 17:58	MD
1,2,4-Trichlorobenzene	BRL	7.4		ug/m3	232378	2	11/03/2016 17:58	MD
1,2,4-Trimethylbenzene	BRL	4.9		ug/m3	232378	2	11/03/2016 17:58	MD
1,2-Dibromoethane	BRL	7.7		ug/m3	232378	2	11/03/2016 17:58	MD
1,2-Dichlorobenzene	BRL	6.0		ug/m3	232378	2	11/03/2016 17:58	MD
1,2-Dichloroethane	BRL	4.0		ug/m3	232378	2	11/03/2016 17:58	MD
1,2-Dichloropropane	BRL	4.6		ug/m3	232378	2	11/03/2016 17:58	MD
1,3,5-Trimethylbenzene	BRL	4.9		ug/m3	232378	2	11/03/2016 17:58	MD
1,3-Butadiene	BRL	2.2		ug/m3	232378	2	11/03/2016 17:58	MD
1,3-Dichlorobenzene	BRL	6.0		ug/m3	232378	2	11/03/2016 17:58	MD
1,4-Dichlorobenzene	BRL	6.0		ug/m3	232378	2	11/03/2016 17:58	MD
1,4-Dioxane	BRL	3.6		ug/m3	232378	2	11/03/2016 17:58	MD
2,2,4-Trimethylpentane	BRL	4.7		ug/m3	232378	2	11/03/2016 17:58	MD
2-Butanone	BRL	2.9		ug/m3	232378	2	11/03/2016 17:58	MD
2-Hexanone	BRL	4.1		ug/m3	232378	2	11/03/2016 17:58	MD
4-Ethyltoluene	BRL	4.9		ug/m3	232378	2	11/03/2016 17:58	MD
4-Methyl-2-pentanone	BRL	4.1		ug/m3	232378	2	11/03/2016 17:58	MD
Acetone	3.7	2.4		ug/m3	232378	2	11/03/2016 17:58	MD
Allyl chloride	BRL	3.1		ug/m3	232378	2	11/03/2016 17:58	MD
Benzene	BRL	3.2		ug/m3	232378	2	11/03/2016 17:58	MD
Benzyl chloride	BRL	5.2		ug/m3	232378	2	11/03/2016 17:58	MD
Bromodichloromethane	BRL	6.7		ug/m3	232378	2	11/03/2016 17:58	MD
Bromoform	BRL	10		ug/m3	232378	2	11/03/2016 17:58	MD
Bromomethane	BRL	3.9		ug/m3	232378	2	11/03/2016 17:58	MD
Carbon disulfide	BRL	3.1		ug/m3	232378	2	11/03/2016 17:58	MD
Carbon tetrachloride	BRL	6.3		ug/m3	232378	2	11/03/2016 17:58	MD
Chlorobenzene	BRL	4.6		ug/m3	232378	2	11/03/2016 17:58	MD
Chloroethane	BRL	2.6		ug/m3	232378	2	11/03/2016 17:58	MD
Chloroform	BRL	4.9		ug/m3	232378	2	11/03/2016 17:58	MD
Chloromethane	BRL	2.1		ug/m3	232378	2	11/03/2016 17:58	MD
cis-1,2-Dichloroethene	21	4.0		ug/m3	232378	2	11/03/2016 17:58	MD
cis-1,3-Dichloropropene	BRL	4.5		ug/m3	232378	2	11/03/2016 17:58	MD
Cyclohexane	BRL	3.4		ug/m3	232378	2	11/03/2016 17:58	MD
Dibromochloromethane	BRL	8.5		ug/m3	232378	2	11/03/2016 17:58	MD
Dichlorodifluoromethane	BRL	4.9		ug/m3	232378	2	11/03/2016 17:58	MD
Ethyl acetate	BRL	3.6		ug/m3	232378	2	11/03/2016 17:58	MD
Ethylbenzene	BRL	4.3		ug/m3	232378	2	11/03/2016 17:58	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 9-Nov-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16305-SG-9
Project Name:	TLC Cleaners	**Collection Date:**	10/31/2016 1:12:00 PM
Lab ID:	1610P78-001	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
Freon-113	BRL	7.7		ug/m3	232378	2	11/03/2016 17:58	MD
Freon-114	BRL	7.0		ug/m3	232378	2	11/03/2016 17:58	MD
Hexachlorobutadiene	BRL	11		ug/m3	232378	2	11/03/2016 17:58	MD
m,p-Xylene	BRL	8.7		ug/m3	232378	2	11/03/2016 17:58	MD
Methyl tert-butyl ether	BRL	3.6		ug/m3	232378	2	11/03/2016 17:58	MD
Methylene chloride	BRL	3.5		ug/m3	232378	2	11/03/2016 17:58	MD
n-Heptane	BRL	4.1		ug/m3	232378	2	11/03/2016 17:58	MD
n-Hexane	BRL	3.5		ug/m3	232378	2	11/03/2016 17:58	MD
o-Xylene	BRL	4.3		ug/m3	232378	2	11/03/2016 17:58	MD
Propene	BRL	1.7		ug/m3	232378	2	11/03/2016 17:58	MD
Styrene	BRL	4.3		ug/m3	232378	2	11/03/2016 17:58	MD
Tetrachloroethene	59000	680		ug/m3	232378	2	11/07/2016 15:41	MD
Tetrahydrofuran	BRL	2.9		ug/m3	232378	2	11/03/2016 17:58	MD
Toluene	BRL	3.8		ug/m3	232378	2	11/03/2016 17:58	MD
trans-1,2-Dichloroethene	5.7	4.0		ug/m3	232378	2	11/03/2016 17:58	MD
trans-1,3-Dichloropropene	BRL	4.5		ug/m3	232378	2	11/03/2016 17:58	MD
Trichloroethene	310	5.4		ug/m3	232378	2	11/03/2016 17:58	MD
Trichlorofluoromethane	BRL	5.6		ug/m3	232378	2	11/03/2016 17:58	MD
Vinyl acetate	BRL	3.5		ug/m3	232378	2	11/03/2016 17:58	MD
Vinyl bromide	BRL	4.4		ug/m3	232378	2	11/03/2016 17:58	MD
Vinyl chloride	BRL	2.6		ug/m3	232378	2	11/03/2016 17:58	MD
Xylenes, Total	BRL	13		ug/m3	232378	2	11/03/2016 17:58	MD
Surr: 4-Bromofluorobenzene	66	70-130	S	%REC	232378	2	11/07/2016 15:41	MD
Surr: 4-Bromofluorobenzene	102	70-130		%REC	232378	2	11/03/2016 17:58	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 9-Nov-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16305-SG-10
Project Name:	TLC Cleaners	**Collection Date:**	10/31/2016 12:55:00 PM
Lab ID:	1610P78-002	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
1,1,1-Trichloroethane	BRL	5.5		ug/m3	232378	2	11/07/2016 17:18	MD
1,1,2,2-Tetrachloroethane	BRL	6.9		ug/m3	232378	2	11/07/2016 17:18	MD
1,1,2-Trichloroethane	BRL	5.5		ug/m3	232378	2	11/07/2016 17:18	MD
1,1-Dichloroethane	BRL	4.0		ug/m3	232378	2	11/07/2016 17:18	MD
1,1-Dichloroethene	BRL	4.0		ug/m3	232378	2	11/07/2016 17:18	MD
1,2,4-Trichlorobenzene	BRL	7.4		ug/m3	232378	2	11/07/2016 17:18	MD
1,2,4-Trimethylbenzene	22	4.9		ug/m3	232378	2	11/07/2016 17:18	MD
1,2-Dibromoethane	BRL	7.7		ug/m3	232378	2	11/07/2016 17:18	MD
1,2-Dichlorobenzene	BRL	6.0		ug/m3	232378	2	11/07/2016 17:18	MD
1,2-Dichloroethane	BRL	4.0		ug/m3	232378	2	11/07/2016 17:18	MD
1,2-Dichloropropane	BRL	4.6		ug/m3	232378	2	11/07/2016 17:18	MD
1,3,5-Trimethylbenzene	6.1	4.9		ug/m3	232378	2	11/07/2016 17:18	MD
1,3-Butadiene	BRL	2.2		ug/m3	232378	2	11/07/2016 17:18	MD
1,3-Dichlorobenzene	BRL	6.0		ug/m3	232378	2	11/07/2016 17:18	MD
1,4-Dichlorobenzene	BRL	6.0		ug/m3	232378	2	11/07/2016 17:18	MD
1,4-Dioxane	BRL	3.6		ug/m3	232378	2	11/07/2016 17:18	MD
2,2,4-Trimethylpentane	BRL	4.7		ug/m3	232378	2	11/07/2016 17:18	MD
2-Butanone	BRL	2.9		ug/m3	232378	2	11/07/2016 17:18	MD
2-Hexanone	BRL	4.1		ug/m3	232378	2	11/07/2016 17:18	MD
4-Ethyltoluene	BRL	4.9		ug/m3	232378	2	11/07/2016 17:18	MD
4-Methyl-2-pentanone	BRL	4.1		ug/m3	232378	2	11/07/2016 17:18	MD
Acetone	11	2.4		ug/m3	232378	2	11/07/2016 17:18	MD
Allyl chloride	BRL	3.1		ug/m3	232378	2	11/07/2016 17:18	MD
Benzene	BRL	3.2		ug/m3	232378	2	11/07/2016 17:18	MD
Benzyl chloride	BRL	5.2		ug/m3	232378	2	11/07/2016 17:18	MD
Bromodichloromethane	BRL	6.7		ug/m3	232378	2	11/07/2016 17:18	MD
Bromoform	BRL	10		ug/m3	232378	2	11/07/2016 17:18	MD
Bromomethane	BRL	3.9		ug/m3	232378	2	11/07/2016 17:18	MD
Carbon disulfide	BRL	3.1		ug/m3	232378	2	11/07/2016 17:18	MD
Carbon tetrachloride	BRL	6.3		ug/m3	232378	2	11/07/2016 17:18	MD
Chlorobenzene	BRL	4.6		ug/m3	232378	2	11/07/2016 17:18	MD
Chloroethane	BRL	2.6		ug/m3	232378	2	11/07/2016 17:18	MD
Chloroform	BRL	4.9		ug/m3	232378	2	11/07/2016 17:18	MD
Chloromethane	BRL	2.1		ug/m3	232378	2	11/07/2016 17:18	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/m3	232378	2	11/07/2016 17:18	MD
cis-1,3-Dichloropropene	BRL	4.5		ug/m3	232378	2	11/07/2016 17:18	MD
Cyclohexane	BRL	3.4		ug/m3	232378	2	11/07/2016 17:18	MD
Dibromochloromethane	BRL	8.5		ug/m3	232378	2	11/07/2016 17:18	MD
Dichlorodifluoromethane	BRL	4.9		ug/m3	232378	2	11/07/2016 17:18	MD
Ethyl acetate	BRL	3.6		ug/m3	232378	2	11/07/2016 17:18	MD
Ethylbenzene	BRL	4.3		ug/m3	232378	2	11/07/2016 17:18	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 9-Nov-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16305-SG-10
Project Name:	TLC Cleaners	**Collection Date:**	10/31/2016 12:55:00 PM
Lab ID:	1610P78-002	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
Freon-113	BRL	7.7		ug/m3	232378	2	11/07/2016 17:18	MD
Freon-114	BRL	7.0		ug/m3	232378	2	11/07/2016 17:18	MD
Hexachlorobutadiene	BRL	11		ug/m3	232378	2	11/07/2016 17:18	MD
m,p-Xylene	17	8.7		ug/m3	232378	2	11/07/2016 17:18	MD
Methyl tert-butyl ether	BRL	3.6		ug/m3	232378	2	11/07/2016 17:18	MD
Methylene chloride	BRL	3.5		ug/m3	232378	2	11/07/2016 17:18	MD
n-Heptane	BRL	4.1		ug/m3	232378	2	11/07/2016 17:18	MD
n-Hexane	BRL	3.5		ug/m3	232378	2	11/07/2016 17:18	MD
o-Xylene	6.5	4.3		ug/m3	232378	2	11/07/2016 17:18	MD
Propene	BRL	1.7		ug/m3	232378	2	11/07/2016 17:18	MD
Styrene	BRL	4.3		ug/m3	232378	2	11/07/2016 17:18	MD
Tetrachloroethene	21	6.8		ug/m3	232378	2	11/07/2016 17:18	MD
Tetrahydrofuran	BRL	2.9		ug/m3	232378	2	11/07/2016 17:18	MD
Toluene	4.7	3.8		ug/m3	232378	2	11/07/2016 17:18	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/m3	232378	2	11/07/2016 17:18	MD
trans-1,3-Dichloropropene	BRL	4.5		ug/m3	232378	2	11/07/2016 17:18	MD
Trichloroethene	BRL	5.4		ug/m3	232378	2	11/07/2016 17:18	MD
Trichlorofluoromethane	BRL	5.6		ug/m3	232378	2	11/07/2016 17:18	MD
Vinyl acetate	BRL	3.5		ug/m3	232378	2	11/07/2016 17:18	MD
Vinyl bromide	BRL	4.4		ug/m3	232378	2	11/07/2016 17:18	MD
Vinyl chloride	BRL	2.6		ug/m3	232378	2	11/07/2016 17:18	MD
Xylenes, Total	23	13		ug/m3	232378	2	11/07/2016 17:18	MD
Surr: 4-Bromofluorobenzene	96.8	70-130		%REC	232378	2	11/07/2016 17:18	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 9-Nov-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16305-SG-11
Project Name:	TLC Cleaners	**Collection Date:**	10/31/2016 12:33:00 PM
Lab ID:	1610P78-003	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
1,1,1-Trichloroethane	BRL	5.5		ug/m3	232378	2	11/07/2016 18:08	MD
1,1,2,2-Tetrachloroethane	BRL	6.9		ug/m3	232378	2	11/07/2016 18:08	MD
1,1,2-Trichloroethane	BRL	5.5		ug/m3	232378	2	11/07/2016 18:08	MD
1,1-Dichloroethane	BRL	4.0		ug/m3	232378	2	11/07/2016 18:08	MD
1,1-Dichloroethene	BRL	4.0		ug/m3	232378	2	11/07/2016 18:08	MD
1,2,4-Trichlorobenzene	BRL	7.4		ug/m3	232378	2	11/07/2016 18:08	MD
1,2,4-Trimethylbenzene	20	4.9		ug/m3	232378	2	11/07/2016 18:08	MD
1,2-Dibromoethane	BRL	7.7		ug/m3	232378	2	11/07/2016 18:08	MD
1,2-Dichlorobenzene	BRL	6.0		ug/m3	232378	2	11/07/2016 18:08	MD
1,2-Dichloroethane	BRL	4.0		ug/m3	232378	2	11/07/2016 18:08	MD
1,2-Dichloropropane	BRL	4.6		ug/m3	232378	2	11/07/2016 18:08	MD
1,3,5-Trimethylbenzene	6.6	4.9		ug/m3	232378	2	11/07/2016 18:08	MD
1,3-Butadiene	BRL	2.2		ug/m3	232378	2	11/07/2016 18:08	MD
1,3-Dichlorobenzene	BRL	6.0		ug/m3	232378	2	11/07/2016 18:08	MD
1,4-Dichlorobenzene	BRL	6.0		ug/m3	232378	2	11/07/2016 18:08	MD
1,4-Dioxane	BRL	3.6		ug/m3	232378	2	11/07/2016 18:08	MD
2,2,4-Trimethylpentane	BRL	4.7		ug/m3	232378	2	11/07/2016 18:08	MD
2-Butanone	BRL	2.9		ug/m3	232378	2	11/07/2016 18:08	MD
2-Hexanone	BRL	4.1		ug/m3	232378	2	11/07/2016 18:08	MD
4-Ethyltoluene	BRL	4.9		ug/m3	232378	2	11/07/2016 18:08	MD
4-Methyl-2-pentanone	BRL	4.1		ug/m3	232378	2	11/07/2016 18:08	MD
Acetone	9.0	2.4		ug/m3	232378	2	11/07/2016 18:08	MD
Allyl chloride	BRL	3.1		ug/m3	232378	2	11/07/2016 18:08	MD
Benzene	BRL	3.2		ug/m3	232378	2	11/07/2016 18:08	MD
Benzyl chloride	BRL	5.2		ug/m3	232378	2	11/07/2016 18:08	MD
Bromodichloromethane	BRL	6.7		ug/m3	232378	2	11/07/2016 18:08	MD
Bromoform	BRL	10		ug/m3	232378	2	11/07/2016 18:08	MD
Bromomethane	BRL	3.9		ug/m3	232378	2	11/07/2016 18:08	MD
Carbon disulfide	BRL	3.1		ug/m3	232378	2	11/07/2016 18:08	MD
Carbon tetrachloride	BRL	6.3		ug/m3	232378	2	11/07/2016 18:08	MD
Chlorobenzene	BRL	4.6		ug/m3	232378	2	11/07/2016 18:08	MD
Chloroethane	BRL	2.6		ug/m3	232378	2	11/07/2016 18:08	MD
Chloroform	BRL	4.9		ug/m3	232378	2	11/07/2016 18:08	MD
Chloromethane	BRL	2.1		ug/m3	232378	2	11/07/2016 18:08	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/m3	232378	2	11/07/2016 18:08	MD
cis-1,3-Dichloropropene	BRL	4.5		ug/m3	232378	2	11/07/2016 18:08	MD
Cyclohexane	BRL	3.4		ug/m3	232378	2	11/07/2016 18:08	MD
Dibromochloromethane	BRL	8.5		ug/m3	232378	2	11/07/2016 18:08	MD
Dichlorodifluoromethane	BRL	4.9		ug/m3	232378	2	11/07/2016 18:08	MD
Ethyl acetate	BRL	3.6		ug/m3	232378	2	11/07/2016 18:08	MD
Ethylbenzene	6.7	4.3		ug/m3	232378	2	11/07/2016 18:08	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 9-Nov-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16305-SG-11
Project Name:	TLC Cleaners	**Collection Date:**	10/31/2016 12:33:00 PM
Lab ID:	1610P78-003	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
Freon-113	BRL	7.7		ug/m3	232378	2	11/07/2016 18:08	MD
Freon-114	BRL	7.0		ug/m3	232378	2	11/07/2016 18:08	MD
Hexachlorobutadiene	BRL	11		ug/m3	232378	2	11/07/2016 18:08	MD
m,p-Xylene	35	8.7		ug/m3	232378	2	11/07/2016 18:08	MD
Methyl tert-butyl ether	BRL	3.6		ug/m3	232378	2	11/07/2016 18:08	MD
Methylene chloride	BRL	3.5		ug/m3	232378	2	11/07/2016 18:08	MD
n-Heptane	BRL	4.1		ug/m3	232378	2	11/07/2016 18:08	MD
n-Hexane	BRL	3.5		ug/m3	232378	2	11/07/2016 18:08	MD
o-Xylene	10	4.3		ug/m3	232378	2	11/07/2016 18:08	MD
Propene	BRL	1.7		ug/m3	232378	2	11/07/2016 18:08	MD
Styrene	BRL	4.3		ug/m3	232378	2	11/07/2016 18:08	MD
Tetrachloroethene	280	6.8		ug/m3	232378	2	11/07/2016 18:08	MD
Tetrahydrofuran	BRL	2.9		ug/m3	232378	2	11/07/2016 18:08	MD
Toluene	11	3.8		ug/m3	232378	2	11/07/2016 18:08	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/m3	232378	2	11/07/2016 18:08	MD
trans-1,3-Dichloropropene	BRL	4.5		ug/m3	232378	2	11/07/2016 18:08	MD
Trichloroethene	BRL	5.4		ug/m3	232378	2	11/07/2016 18:08	MD
Trichlorofluoromethane	BRL	5.6		ug/m3	232378	2	11/07/2016 18:08	MD
Vinyl acetate	BRL	3.5		ug/m3	232378	2	11/07/2016 18:08	MD
Vinyl bromide	BRL	4.4		ug/m3	232378	2	11/07/2016 18:08	MD
Vinyl chloride	BRL	2.6		ug/m3	232378	2	11/07/2016 18:08	MD
Xylenes, Total	45	13		ug/m3	232378	2	11/07/2016 18:08	MD
Surr: 4-Bromofluorobenzene	100	70-130		%REC	232378	2	11/07/2016 18:08	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 9-Nov-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16305-SG-12
Project Name:	TLC Cleaners	**Collection Date:**	10/31/2016 12:16:00 PM
Lab ID:	1610P78-004	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
1,1,1-Trichloroethane	BRL	5.5		ug/m3	232378	2	11/07/2016 18:57	MD
1,1,2,2-Tetrachloroethane	BRL	6.9		ug/m3	232378	2	11/07/2016 18:57	MD
1,1,2-Trichloroethane	BRL	5.5		ug/m3	232378	2	11/07/2016 18:57	MD
1,1-Dichloroethane	BRL	4.0		ug/m3	232378	2	11/07/2016 18:57	MD
1,1-Dichloroethene	BRL	4.0		ug/m3	232378	2	11/07/2016 18:57	MD
1,2,4-Trichlorobenzene	BRL	7.4		ug/m3	232378	2	11/07/2016 18:57	MD
1,2,4-Trimethylbenzene	7.1	4.9		ug/m3	232378	2	11/07/2016 18:57	MD
1,2-Dibromoethane	BRL	7.7		ug/m3	232378	2	11/07/2016 18:57	MD
1,2-Dichlorobenzene	BRL	6.0		ug/m3	232378	2	11/07/2016 18:57	MD
1,2-Dichloroethane	BRL	4.0		ug/m3	232378	2	11/07/2016 18:57	MD
1,2-Dichloropropane	BRL	4.6		ug/m3	232378	2	11/07/2016 18:57	MD
1,3,5-Trimethylbenzene	BRL	4.9		ug/m3	232378	2	11/07/2016 18:57	MD
1,3-Butadiene	BRL	2.2		ug/m3	232378	2	11/07/2016 18:57	MD
1,3-Dichlorobenzene	BRL	6.0		ug/m3	232378	2	11/07/2016 18:57	MD
1,4-Dichlorobenzene	BRL	6.0		ug/m3	232378	2	11/07/2016 18:57	MD
1,4-Dioxane	BRL	3.6		ug/m3	232378	2	11/07/2016 18:57	MD
2,2,4-Trimethylpentane	BRL	4.7		ug/m3	232378	2	11/07/2016 18:57	MD
2-Butanone	BRL	2.9		ug/m3	232378	2	11/07/2016 18:57	MD
2-Hexanone	BRL	4.1		ug/m3	232378	2	11/07/2016 18:57	MD
4-Ethyltoluene	BRL	4.9		ug/m3	232378	2	11/07/2016 18:57	MD
4-Methyl-2-pentanone	BRL	4.1		ug/m3	232378	2	11/07/2016 18:57	MD
Acetone	13	2.4		ug/m3	232378	2	11/07/2016 18:57	MD
Allyl chloride	BRL	3.1		ug/m3	232378	2	11/07/2016 18:57	MD
Benzene	BRL	3.2		ug/m3	232378	2	11/07/2016 18:57	MD
Benzyl chloride	BRL	5.2		ug/m3	232378	2	11/07/2016 18:57	MD
Bromodichloromethane	BRL	6.7		ug/m3	232378	2	11/07/2016 18:57	MD
Bromoform	BRL	10		ug/m3	232378	2	11/07/2016 18:57	MD
Bromomethane	BRL	3.9		ug/m3	232378	2	11/07/2016 18:57	MD
Carbon disulfide	BRL	3.1		ug/m3	232378	2	11/07/2016 18:57	MD
Carbon tetrachloride	BRL	6.3		ug/m3	232378	2	11/07/2016 18:57	MD
Chlorobenzene	BRL	4.6		ug/m3	232378	2	11/07/2016 18:57	MD
Chloroethane	BRL	2.6		ug/m3	232378	2	11/07/2016 18:57	MD
Chloroform	BRL	4.9		ug/m3	232378	2	11/07/2016 18:57	MD
Chloromethane	BRL	2.1		ug/m3	232378	2	11/07/2016 18:57	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/m3	232378	2	11/07/2016 18:57	MD
cis-1,3-Dichloropropene	BRL	4.5		ug/m3	232378	2	11/07/2016 18:57	MD
Cyclohexane	BRL	3.4		ug/m3	232378	2	11/07/2016 18:57	MD
Dibromochloromethane	BRL	8.5		ug/m3	232378	2	11/07/2016 18:57	MD
Dichlorodifluoromethane	BRL	4.9		ug/m3	232378	2	11/07/2016 18:57	MD
Ethyl acetate	BRL	3.6		ug/m3	232378	2	11/07/2016 18:57	MD
Ethylbenzene	BRL	4.3		ug/m3	232378	2	11/07/2016 18:57	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 9-Nov-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16305-SG-12
Project Name:	TLC Cleaners	**Collection Date:**	10/31/2016 12:16:00 PM
Lab ID:	1610P78-004	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
Freon-113	BRL	7.7		ug/m3	232378	2	11/07/2016 18:57	MD
Freon-114	BRL	7.0		ug/m3	232378	2	11/07/2016 18:57	MD
Hexachlorobutadiene	BRL	11		ug/m3	232378	2	11/07/2016 18:57	MD
m,p-Xylene	BRL	8.7		ug/m3	232378	2	11/07/2016 18:57	MD
Methyl tert-butyl ether	BRL	3.6		ug/m3	232378	2	11/07/2016 18:57	MD
Methylene chloride	BRL	3.5		ug/m3	232378	2	11/07/2016 18:57	MD
n-Heptane	BRL	4.1		ug/m3	232378	2	11/07/2016 18:57	MD
n-Hexane	BRL	3.5		ug/m3	232378	2	11/07/2016 18:57	MD
o-Xylene	BRL	4.3		ug/m3	232378	2	11/07/2016 18:57	MD
Propene	BRL	1.7		ug/m3	232378	2	11/07/2016 18:57	MD
Styrene	32	4.3		ug/m3	232378	2	11/07/2016 18:57	MD
Tetrachloroethene	150	6.8		ug/m3	232378	2	11/07/2016 18:57	MD
Tetrahydrofuran	BRL	2.9		ug/m3	232378	2	11/07/2016 18:57	MD
Toluene	4.9	3.8		ug/m3	232378	2	11/07/2016 18:57	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/m3	232378	2	11/07/2016 18:57	MD
trans-1,3-Dichloropropene	BRL	4.5		ug/m3	232378	2	11/07/2016 18:57	MD
Trichloroethene	BRL	5.4		ug/m3	232378	2	11/07/2016 18:57	MD
Trichlorofluoromethane	BRL	5.6		ug/m3	232378	2	11/07/2016 18:57	MD
Vinyl acetate	BRL	3.5		ug/m3	232378	2	11/07/2016 18:57	MD
Vinyl bromide	BRL	4.4		ug/m3	232378	2	11/07/2016 18:57	MD
Vinyl chloride	BRL	2.6		ug/m3	232378	2	11/07/2016 18:57	MD
Xylenes, Total	BRL	13		ug/m3	232378	2	11/07/2016 18:57	MD
Surr: 4-Bromofluorobenzene	102	70-130		%REC	232378	2	11/07/2016 18:57	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 9-Nov-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16305-SG-DUP
Project Name:	TLC Cleaners	**Collection Date:**	10/31/2016 1:21:00 PM
Lab ID:	1610P78-005	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
1,1,1-Trichloroethane	BRL	5.5		ug/m3	232378	2	11/03/2016 21:15	MD
1,1,2,2-Tetrachloroethane	BRL	6.9		ug/m3	232378	2	11/03/2016 21:15	MD
1,1,2-Trichloroethane	BRL	5.5		ug/m3	232378	2	11/03/2016 21:15	MD
1,1-Dichloroethane	BRL	4.0		ug/m3	232378	2	11/03/2016 21:15	MD
1,1-Dichloroethene	BRL	4.0		ug/m3	232378	2	11/03/2016 21:15	MD
1,2,4-Trichlorobenzene	BRL	7.4		ug/m3	232378	2	11/03/2016 21:15	MD
1,2,4-Trimethylbenzene	BRL	4.9		ug/m3	232378	2	11/03/2016 21:15	MD
1,2-Dibromoethane	BRL	7.7		ug/m3	232378	2	11/03/2016 21:15	MD
1,2-Dichlorobenzene	BRL	6.0		ug/m3	232378	2	11/03/2016 21:15	MD
1,2-Dichloroethane	BRL	4.0		ug/m3	232378	2	11/03/2016 21:15	MD
1,2-Dichloropropane	BRL	4.6		ug/m3	232378	2	11/03/2016 21:15	MD
1,3,5-Trimethylbenzene	BRL	4.9		ug/m3	232378	2	11/03/2016 21:15	MD
1,3-Butadiene	BRL	2.2		ug/m3	232378	2	11/03/2016 21:15	MD
1,3-Dichlorobenzene	BRL	6.0		ug/m3	232378	2	11/03/2016 21:15	MD
1,4-Dichlorobenzene	BRL	6.0		ug/m3	232378	2	11/03/2016 21:15	MD
1,4-Dioxane	BRL	3.6		ug/m3	232378	2	11/03/2016 21:15	MD
2,2,4-Trimethylpentane	BRL	4.7		ug/m3	232378	2	11/03/2016 21:15	MD
2-Butanone	BRL	2.9		ug/m3	232378	2	11/03/2016 21:15	MD
2-Hexanone	BRL	4.1		ug/m3	232378	2	11/03/2016 21:15	MD
4-Ethyltoluene	BRL	4.9		ug/m3	232378	2	11/03/2016 21:15	MD
4-Methyl-2-pentanone	BRL	4.1		ug/m3	232378	2	11/03/2016 21:15	MD
Acetone	3.1	2.4		ug/m3	232378	2	11/03/2016 21:15	MD
Allyl chloride	BRL	3.1		ug/m3	232378	2	11/03/2016 21:15	MD
Benzene	BRL	3.2		ug/m3	232378	2	11/03/2016 21:15	MD
Benzyl chloride	BRL	5.2		ug/m3	232378	2	11/03/2016 21:15	MD
Bromodichloromethane	BRL	6.7		ug/m3	232378	2	11/03/2016 21:15	MD
Bromoform	BRL	10		ug/m3	232378	2	11/03/2016 21:15	MD
Bromomethane	BRL	3.9		ug/m3	232378	2	11/03/2016 21:15	MD
Carbon disulfide	BRL	3.1		ug/m3	232378	2	11/03/2016 21:15	MD
Carbon tetrachloride	BRL	6.3		ug/m3	232378	2	11/03/2016 21:15	MD
Chlorobenzene	BRL	4.6		ug/m3	232378	2	11/03/2016 21:15	MD
Chloroethane	BRL	2.6		ug/m3	232378	2	11/03/2016 21:15	MD
Chloroform	BRL	4.9		ug/m3	232378	2	11/03/2016 21:15	MD
Chloromethane	BRL	2.1		ug/m3	232378	2	11/03/2016 21:15	MD
cis-1,2-Dichloroethene	22	4.0		ug/m3	232378	2	11/03/2016 21:15	MD
cis-1,3-Dichloropropene	BRL	4.5		ug/m3	232378	2	11/03/2016 21:15	MD
Cyclohexane	BRL	3.4		ug/m3	232378	2	11/03/2016 21:15	MD
Dibromochloromethane	BRL	8.5		ug/m3	232378	2	11/03/2016 21:15	MD
Dichlorodifluoromethane	BRL	4.9		ug/m3	232378	2	11/03/2016 21:15	MD
Ethyl acetate	BRL	3.6		ug/m3	232378	2	11/03/2016 21:15	MD
Ethylbenzene	BRL	4.3		ug/m3	232378	2	11/03/2016 21:15	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **TO-15 Report** **Date:** 9-Nov-16

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	16305-SG-DUP
Project Name:	TLC Cleaners	**Collection Date:**	10/31/2016 1:21:00 PM
Lab ID:	1610P78-005	**Matrix:**	Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS TO-15				**(TO-15)**				
Freon-113	BRL	7.7		ug/m3	232378	2	11/03/2016 21:15	MD
Freon-114	BRL	7.0		ug/m3	232378	2	11/03/2016 21:15	MD
Hexachlorobutadiene	BRL	11		ug/m3	232378	2	11/03/2016 21:15	MD
m,p-Xylene	BRL	8.7		ug/m3	232378	2	11/03/2016 21:15	MD
Methyl tert-butyl ether	BRL	3.6		ug/m3	232378	2	11/03/2016 21:15	MD
Methylene chloride	BRL	3.5		ug/m3	232378	2	11/03/2016 21:15	MD
n-Heptane	BRL	4.1		ug/m3	232378	2	11/03/2016 21:15	MD
n-Hexane	BRL	3.5		ug/m3	232378	2	11/03/2016 21:15	MD
o-Xylene	BRL	4.3		ug/m3	232378	2	11/03/2016 21:15	MD
Propene	BRL	1.7		ug/m3	232378	2	11/03/2016 21:15	MD
Styrene	BRL	4.3		ug/m3	232378	2	11/03/2016 21:15	MD
Tetrachloroethene	59000	680		ug/m3	232378	2	11/07/2016 16:29	MD
Tetrahydrofuran	BRL	2.9		ug/m3	232378	2	11/03/2016 21:15	MD
Toluene	BRL	3.8		ug/m3	232378	2	11/03/2016 21:15	MD
trans-1,2-Dichloroethene	6.1	4.0		ug/m3	232378	2	11/03/2016 21:15	MD
trans-1,3-Dichloropropene	BRL	4.5		ug/m3	232378	2	11/03/2016 21:15	MD
Trichloroethene	320	5.4		ug/m3	232378	2	11/03/2016 21:15	MD
Trichlorofluoromethane	BRL	5.6		ug/m3	232378	2	11/03/2016 21:15	MD
Vinyl acetate	BRL	3.5		ug/m3	232378	2	11/03/2016 21:15	MD
Vinyl bromide	BRL	4.4		ug/m3	232378	2	11/03/2016 21:15	MD
Vinyl chloride	BRL	2.6		ug/m3	232378	2	11/03/2016 21:15	MD
Xylenes, Total	BRL	13		ug/m3	232378	2	11/03/2016 21:15	MD
Surr: 4-Bromofluorobenzene	63.5	70-130	S	%REC	232378	2	11/07/2016 16:29	MD
Surr: 4-Bromofluorobenzene	114	70-130		%REC	232378	2	11/03/2016 21:15	MD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample Receipt Checklist for Air Canisters

Client GPS Work Order Number 1610P78

Checklist completed by _____ 10/31/16
Signature Date

Carrier name: FedEx____ UPS____ Courier____ Client ✓ US Mail____ Other_____

Shipping container in good condition?	Yes	✓ No	Not Present
Custody seals intact on shipping container?	Yes	No	Not Present ✓
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	
Field data sheets present?	Yes ✓	No	
Sample containers intact?	Yes ✓	No	

If no, explain: _____

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 ✓
All canisters received per Bottle Order issued?	Yes	No	

See Case Narrative for resolution of the Non-Conformance.

Vapor_Checklist_7.26.2016_rev1

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1610P78

ANALYTICAL QC SUMMARY REPORT

BatchID: 232378

Sample ID: **MB-232378** Client ID: Units: **ug/m3** Prep Date: **11/03/2016** Run No: **329164**
SampleType: **MBLK** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **232378** Analysis Date: **11/03/2016** Seq No: **7147890**

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	1.1									
1,1,2,2-Tetrachloroethane	BRL	1.4									
1,1,2-Trichloroethane	BRL	1.1									
1,1-Dichloroethane	BRL	0.81									
1,1-Dichloroethene	BRL	0.79									
1,2,4-Trichlorobenzene	BRL	1.5									
1,2,4-Trimethylbenzene	BRL	0.98									
1,2-Dibromoethane	BRL	1.5									
1,2-Dichlorobenzene	BRL	1.2									
1,2-Dichloroethane	BRL	0.81									
1,2-Dichloropropane	BRL	0.92									
1,3,5-Trimethylbenzene	BRL	0.98									
1,3-Butadiene	BRL	0.44									
1,3-Dichlorobenzene	BRL	1.2									
1,4-Dichlorobenzene	BRL	1.2									
1,4-Dioxane	BRL	0.72									
2,2,4-Trimethylpentane	BRL	0.93									
2-Butanone	BRL	0.59									
2-Hexanone	BRL	0.82									
4-Ethyltoluene	BRL	0.98									
4-Methyl-2-pentanone	BRL	0.82									
Acetone	BRL	2.4									
Allyl chloride	BRL	0.63									
Benzene	BRL	0.64									
Benzyl chloride	BRL	1.0									
Bromodichloromethane	BRL	1.3									
Bromoform	BRL	2.1									

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: 1610P78

ANALYTICAL QC SUMMARY REPORT

BatchID: 232378

Sample ID: **MB-232378** Client ID: Units: **ug/m3** Prep Date: **11/03/2016** Run No: **329164**
SampleType: **MBLK** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **232378** Analysis Date: **11/03/2016** Seq No: **7147890**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Bromomethane	BRL	0.78									
Carbon disulfide	BRL	0.62									
Carbon tetrachloride	BRL	1.3									
Chlorobenzene	BRL	0.92									
Chloroethane	BRL	0.53									
Chloroform	BRL	0.98									
Chloromethane	BRL	0.41									
cis-1,2-Dichloroethene	BRL	0.79									
cis-1,3-Dichloropropene	BRL	0.91									
Cyclohexane	BRL	0.69									
Dibromochloromethane	BRL	1.7									
Dichlorodifluoromethane	BRL	0.99									
Ethyl acetate	BRL	0.72									
Ethylbenzene	BRL	0.87									
Freon-113	BRL	1.5									
Freon-114	BRL	1.4									
Hexachlorobutadiene	BRL	2.1									
m,p-Xylene	BRL	1.7									
Methyl tert-butyl ether	BRL	0.72									
Methylene chloride	BRL	0.69									
n-Heptane	BRL	0.82									
n-Hexane	BRL	0.70									
o-Xylene	BRL	0.87									
Propene	BRL	0.34									
Styrene	BRL	0.85									
Tetrachloroethene	BRL	1.4									
Tetrahydrofuran	BRL	0.59									

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: 1610P78

ANALYTICAL QC SUMMARY REPORT

BatchID: 232378

Sample ID: **MB-232378** Client ID: Units: **ug/m3** Prep Date: **11/03/2016** Run No: **329164**
SampleType: **MBLK** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **232378** Analysis Date: **11/03/2016** Seq No: **7147890**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Toluene	BRL	0.75									
trans-1,2-Dichloroethene	BRL	0.79									
trans-1,3-Dichloropropene	BRL	0.91									
Trichloroethene	BRL	1.1									
Trichlorofluoromethane	BRL	1.1									
Vinyl acetate	BRL	0.70									
Vinyl bromide	BRL	0.87									
Vinyl chloride	BRL	0.51									
Xylenes, Total	BRL	2.6									
Surr: 4-Bromofluorobenzene	3.660	0	4.000		91.5	70	130				

Sample ID: **LCS-232378** Client ID: Units: **ug/m3** Prep Date: **11/03/2016** Run No: **329164**
SampleType: **LCS** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **232378** Analysis Date: **11/03/2016** Seq No: **7147891**

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	23.41	1.1	21.82		107	70	130				
1,1,2,2-Tetrachloroethane	24.52	1.4	27.47		89.2	70	130				
1,1,2-Trichloroethane	22.10	1.1	21.82		101	70	130				
1,1-Dichloroethane	17.53	0.81	16.19		108	70	130				
1,1-Dichloroethene	16.77	0.79	15.86		106	70	130				
1,2,4-Trichlorobenzene	25.16	1.5	29.69		84.8	70	130				
1,2,4-Trimethylbenzene	18.29	0.98	19.66		93.0	70	130				
1,2-Dibromoethane	27.05	1.5	30.74		88.0	70	130				
1,2-Dichlorobenzene	22.43	1.2	24.05		93.2	70	130				
1,2-Dichloroethane	16.96	0.81	16.19		105	70	130				
1,2-Dichloropropane	19.69	0.92	18.49		106	70	130				
1,3,5-Trimethylbenzene	17.89	0.98	19.66		91.0	70	130				
1,3-Butadiene	9.778	0.44	8.849		110	70	130				

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: 1610P78

ANALYTICAL QC SUMMARY REPORT

BatchID: 232378

Sample ID: **LCS-232378** Client ID: Units: **ug/m3** Prep Date: **11/03/2016** Run No: **329164**
SampleType: **LCS** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **232378** Analysis Date: **11/03/2016** Seq No: **7147891**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,3-Dichlorobenzene	22.49	1.2	24.05		93.5	70	130				
1,4-Dichlorobenzene	23.45	1.2	24.05		97.5	70	130				
1,4-Dioxane	14.70	0.72	14.42		102	70	130				
2,2,4-Trimethylpentane	19.90	0.93	18.68		106	70	130				
2-Butanone	12.33	0.59	11.80		104	70	130				
2-Hexanone	14.79	0.82	16.39		90.2	70	130				
4-Ethyltoluene	17.26	0.98	19.66		87.8	70	130				
4-Methyl-2-pentanone	17.54	0.82	16.39		107	70	130				
Acetone	11.19	2.4	9.502		118	70	130				
Allyl chloride	13.46	0.63	12.52		108	70	130				
Benzene	13.42	0.64	12.78		105	70	130				
Benzyl chloride	25.58	1.0	20.71		124	70	130				
Bromodichloromethane	28.41	1.3	26.80		106	70	130				
Bromoform	37.64	2.1	41.36		91.0	70	130				
Bromomethane	16.74	0.78	15.53		108	70	130				
Carbon disulfide	13.83	0.62	12.46		111	70	130				
Carbon tetrachloride	25.73	1.3	25.16		102	70	130				
Chlorobenzene	16.12	0.92	18.42		87.5	70	130				
Chloroethane	11.45	0.53	10.56		108	70	130				
Chloroform	20.95	0.98	19.53		107	70	130				
Chloromethane	9.189	0.41	8.260		111	70	130				
cis-1,2-Dichloroethene	16.89	0.79	15.86		106	70	130				
cis-1,3-Dichloropropene	18.57	0.91	18.16		102	70	130				
Cyclohexane	15.76	0.69	13.77		114	70	130				
Dibromochloromethane	30.58	1.7	34.08		89.8	70	130				
Dichlorodifluoromethane	21.66	0.99	19.78		110	70	130				
Ethyl acetate	15.60	0.72	14.41		108	70	130				

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: 1610P78

ANALYTICAL QC SUMMARY REPORT

BatchID: 232378

Sample ID: **LCS-232378** Client ID: Units: **ug/m3** Prep Date: **11/03/2016** Run No: **329164**
SampleType: **LCS** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **232378** Analysis Date: **11/03/2016** Seq No: **7147891**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Ethylbenzene	15.72	0.87	17.37		90.5	70	130				
Freon-113	33.03	1.5	30.66		108	70	130				
Freon-114	30.62	1.4	27.96		110	70	130				
Hexachlorobutadiene	36.05	2.1	42.67		84.5	70	130				
m,p-Xylene	32.53	1.7	34.75		93.6	70	130				
Methyl tert-butyl ether	15.43	0.72	14.42		107	70	130				
Methylene chloride	14.28	0.69	13.90		103	70	130				
n-Heptane	17.91	0.82	16.39		109	70	130				
n-Hexane	15.51	0.70	14.10		110	70	130				
o-Xylene	16.55	0.87	17.37		95.2	70	130				
Propene	7.332	0.34	6.884		106	70	130				
Styrene	16.05	0.85	17.03		94.2	70	130				
Tetrachloroethene	23.46	1.4	27.12		86.5	70	130				
Tetrahydrofuran	12.80	0.59	11.80		108	70	130				
Toluene	15.49	0.75	15.07		103	70	130				
trans-1,2-Dichloroethene	15.19	0.79	15.86		95.8	70	130				
trans-1,3-Dichloropropene	18.16	0.91	18.16		100	70	130				
Trichloroethene	22.89	1.1	21.50		106	70	130				
Trichlorofluoromethane	24.50	1.1	22.48		109	70	130				
Vinyl acetate	15.46	0.70	14.08		110	70	130				
Vinyl bromide	18.98	0.87	17.49		108	70	130				
Vinyl chloride	11.35	0.51	10.22		111	70	130				
Xylenes, Total	49.08	2.6	52.12		94.2	70	130				
Surr: 4-Bromofluorobenzene	4.330	0	4.000		108	70	130				

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: 1610P78

ANALYTICAL QC SUMMARY REPORT

BatchID: 232378

Sample ID: **1610P78-005ADUP** Client ID: **16305-SG-DUP** Units: **ug/m3** Prep Date: **11/03/2016** Run No: **329164**
SampleType: **DUP** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **232378** Analysis Date: **11/03/2016** Seq No: **7152010**

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	5.5						0	0	25	
1,1,2,2-Tetrachloroethane	BRL	6.9						0	0	25	
1,1,2-Trichloroethane	BRL	5.5						0	0	25	
1,1-Dichloroethane	BRL	4.0						0	0	25	
1,1-Dichloroethene	BRL	4.0						0	0	25	
1,2,4-Trichlorobenzene	BRL	7.4						0	0	25	
1,2,4-Trimethylbenzene	BRL	4.9						3.933	0	25	
1,2-Dibromoethane	BRL	7.7						0	0	25	
1,2-Dichlorobenzene	BRL	6.0						0	0	25	
1,2-Dichloroethane	BRL	4.0						0	0	25	
1,2-Dichloropropane	BRL	4.6						0	0	25	
1,3,5-Trimethylbenzene	BRL	4.9						0.9832	0	25	
1,3-Butadiene	BRL	2.2						0	0	25	
1,3-Dichlorobenzene	BRL	6.0						0	0	25	
1,4-Dichlorobenzene	BRL	6.0						0	0	25	
1,4-Dioxane	BRL	3.6						0	0	25	
2,2,4-Trimethylpentane	BRL	4.7						0	0	25	
2-Butanone	BRL	2.9						0	0	25	
2-Hexanone	BRL	4.1						0	0	25	
4-Ethyltoluene	BRL	4.9						0	0	25	
4-Methyl-2-pentanone	BRL	4.1						0	0	25	
Acetone	BRL	12						4.038	0	25	
Allyl chloride	BRL	3.1						0	0	25	
Benzene	BRL	3.2						0	0	25	
Benzyl chloride	BRL	5.2						0	0	25	
Bromodichloromethane	BRL	6.7						0	0	25	
Bromoform	BRL	10						0	0	25	

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: 1610P78

ANALYTICAL QC SUMMARY REPORT

BatchID: 232378

Sample ID: **1610P78-005ADUP** Client ID: **16305-SG-DUP** Units: **ug/m3** Prep Date: **11/03/2016** Run No: **329164**
SampleType: **DUP** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **232378** Analysis Date: **11/03/2016** Seq No: **7152010**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Bromomethane	BRL	3.9						0	0	25	
Carbon disulfide	BRL	3.1						0	0	25	
Carbon tetrachloride	BRL	6.3						0	0	25	
Chlorobenzene	BRL	4.6						0	0	25	
Chloroethane	BRL	2.6						0	0	25	
Chloroform	BRL	4.9						3.174	0	25	
Chloromethane	BRL	2.1						0	0	25	
cis-1,2-Dichloroethene	22.80	4.0						22.80	0	25	
cis-1,3-Dichloropropene	BRL	4.5						0	0	25	
Cyclohexane	BRL	3.4						0	0	25	
Dibromochloromethane	BRL	8.5						0	0	25	
Dichlorodifluoromethane	BRL	4.9						0	0	25	
Ethyl acetate	BRL	3.6						0	0	25	
Ethylbenzene	BRL	4.3						0	0	25	
Freon-113	BRL	7.7						0	0	25	
Freon-114	BRL	7.0						0	0	25	
Hexachlorobutadiene	BRL	11						0	0	25	
m,p-Xylene	BRL	8.7						0	0	25	
Methyl tert-butyl ether	BRL	3.6						0	0	25	
Methylene chloride	BRL	3.5						1.216	0	25	
n-Heptane	BRL	4.1						0	0	25	
n-Hexane	BRL	3.5						0	0	25	
o-Xylene	BRL	4.3						0	0	25	
Propene	BRL	1.7						0	0	25	
Styrene	BRL	4.3						0	0	25	
Tetrachloroethene	17000	6.8						17000	0	25	E
Tetrahydrofuran	BRL	2.9						0	0	25	

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: 1610P78

ANALYTICAL QC SUMMARY REPORT

BatchID: 232378

Sample ID: **1610P78-005ADUP** Client ID: **16305-SG-DUP** Units: **ug/m3** Prep Date: **11/03/2016** Run No: **329164**
SampleType: **DUP** TestCode: **Toxic Organic Compounds in Air by GCMS TO-15** BatchID: **232378** Analysis Date: **11/03/2016** Seq No: **7152010**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Toluene	BRL	3.8						0.7537	0	25	
trans-1,2-Dichloroethene	6.344	4.0						6.344	0	25	
trans-1,3-Dichloropropene	BRL	4.5						0	0	25	
Trichloroethene	341.3	5.4						341.3	0	25	
Trichlorofluoromethane	BRL	5.6						1.405	0	25	
Vinyl acetate	BRL	3.5						0	0	25	
Vinyl bromide	BRL	4.4						0	0	25	
Vinyl chloride	BRL	2.6						0	0	25	
Xylenes, Total	BRL	13						0	0	25	
Surr: 4-Bromofluorobenzene	20.45	0	20.00		102	70	130	20.45	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		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

February 22, 2017

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: 1702I04

Analytical Environmental Services, Inc. received 2 samples on 2/21/2017 11:40:00 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's accreditations are as follows:
-NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
-NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Chris Pafford
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: 1702304

Date: 2-21-17 Page 1 of 1

COMPANY: EPS Inc.	ADDRESS: 1050 Crown Pointe Pkwy, Ste 550 Atlanta, GA 30338
PHONE: 404 315 9113	FAX:
SAMPLED BY: Alex Testoff	SIGNATURE: Alex Testoff

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)			No. # of Containers	REMARKS
							S+I	H+I	I		
1	17052-HA-1-2	2-21-17	1050	X		So	X		X	4	
2	Trip Blank					W		X		2	
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											

ANALYSIS REQUESTED: VOCs (So), VOCs (W), Soil Moisture

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Alex Testoff	2-21-17 1140	1:	2/21/17 11:40
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER

PROJECT INFORMATION
PROJECT NAME: TLC Cleaners
PROJECT #:
SITE ADDRESS: Marietta, GA
SEND REPORT TO: juickey@envplanning.com
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers: 6

Turnaround Time Request
- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ● 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

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 22-Feb-17

Client: Environmental Planning Specialists, Inc.
Project: TLC Cleaners
Lab ID: 1702I04

Case Narrative

Per Justin Vickery via phone 2/21/2017 1:02pm, only 1,1-DCE, cis-1,2-DCE, PCE, Trans-1,2-DCE, TCE, and Vinyl Chloride were required.

Analytical Environmental Services, Inc **Date:** 22-Feb-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17052-HA-1-2
Project Name:	TLC Cleaners	**Collection Date:**	2/21/2017 10:50:00 AM
Lab ID:	1702I04-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1-Dichloroethene	BRL	3.7		ug/Kg-dry	238367	1	02/21/2017 16:37	CJ
cis-1,2-Dichloroethene	BRL	3.7		ug/Kg-dry	238367	1	02/21/2017 16:37	CJ
Tetrachloroethene	150	73		ug/Kg-dry	238422	50	02/21/2017 19:07	JE
trans-1,2-Dichloroethene	BRL	3.7		ug/Kg-dry	238367	1	02/21/2017 16:37	CJ
Trichloroethene	BRL	3.7		ug/Kg-dry	238367	1	02/21/2017 16:37	CJ
Vinyl chloride	BRL	7.3		ug/Kg-dry	238367	1	02/21/2017 16:37	CJ
Surr: 4-Bromofluorobenzene	100	63-125		%REC	238422	50	02/21/2017 19:07	JE
Surr: 4-Bromofluorobenzene	77	63-125		%REC	238367	1	02/21/2017 16:37	CJ
Surr: Dibromofluoromethane	88	69.9-123		%REC	238422	50	02/21/2017 19:07	JE
Surr: Dibromofluoromethane	93	69.9-123		%REC	238367	1	02/21/2017 16:37	CJ
Surr: Toluene-d8	96.6	70-122		%REC	238422	50	02/21/2017 19:07	JE
Surr: Toluene-d8	96.6	70-122		%REC	238367	1	02/21/2017 16:37	CJ
PERCENT MOISTURE D2216								
Percent Moisture	18.3	0		wt%	R336979	1	02/21/2017 15:00	BD

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Feb-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	TLC Cleaners	**Collection Date:**	2/21/2017
Lab ID:	1702I04-002	**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	238410	1	02/21/2017 18:25	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	238410	1	02/21/2017 18:25	BN
Tetrachloroethene	BRL	5.0		ug/L	238410	1	02/21/2017 18:25	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	238410	1	02/21/2017 18:25	BN
Trichloroethene	BRL	5.0		ug/L	238410	1	02/21/2017 18:25	BN
Vinyl chloride	BRL	2.0		ug/L	238410	1	02/21/2017 18:25	BN
Surr: 4-Bromofluorobenzene	86	66.1-129		%REC	238410	1	02/21/2017 18:25	BN
Surr: Dibromofluoromethane	110	83.6-123		%REC	238410	1	02/21/2017 18:25	BN
Surr: Toluene-d8	95.6	81.8-118		%REC	238410	1	02/21/2017 18:25	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Clear | Save as

AES Analytical Environmental Services, Inc.

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: **Environmental Planning Specialists, Inc.** AES Work Order Number: **1702I04**

2. Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ■ Courier ☐ Other _____

		Yes	No	N/A	Details	Comments
3.	Shipping container/cooler received in good condition?	◉	○	○	damaged ☐ leaking ☐ other ☐	
4.	Custody seals present on shipping container?	○	◉	○		
5.	Custody seals intact on shipping container?	○	○	◉		
6.	Temperature blanks present?	◉	○	○		
7.	Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	◉	○	○	Cooling initiated for recently collected samples / ice present ☐	
8.	Chain of Custody (COC) present?	◉	○	○		
9.	Chain of Custody signed, dated, and timed when relinquished and received?	◉	○	○		
10.	Sampler name and/or signature on COC?	◉	○	○		
11.	Were all samples received within holding time?	◉	○	○		
12.	TAT marked on the COC?	◉	○	○	If no TAT indicated, proceeded with standard TAT per Terms & Conditions. ☐	

13. Cooler 1 Temperature 5.8 °C Cooler 2 Temperature _____ °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C

14. Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). MJ 2/21/17

		Yes	No	N/A	Details	Comments
16.	Were sample containers intact upon receipt?	◉	○	○		
17.	Custody seals present on sample containers?	○	◉	○		
18.	Custody seals intact on sample containers?	○	○	◉		
19.	Do sample container labels match the COC?	◉	○	○	incomplete info ☐ illegible ☐ no label ☐ other ☐	
20.	Are analyses requested indicated on the COC?	◉	○	○		
21.	Were all of the samples listed on the COC received?	◉	○	○	samples received but not listed on COC ☐ samples listed on COC not received ☐	
22.	Was the sample collection date/time noted?	◉	○	○		
23.	Did we receive sufficient sample volume for indicated analyses?	◉	○	○		
24.	Were samples received in appropriate containers?	◉	○	○		
25.	Were VOA samples received without headspace (< 1/4" bubble)?	◉	○	○		
26.	Were trip blanks submitted?	◉	○	○	listed on COC ■ not listed on COC ☐	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). JM 2/21/2017

		Yes	No	N/A	Details	Comments
28.	Have containers needing chemical preservation been checked?	○	○	◉		CHECKED AT ANALYSIS
29.	Containers meet preservation guidelines?	○	○	◉		CHECKED AT ANALYSIS
30.	Was pH adjusted?	○	○	◉		

I certify that I have completed sections 28-30 (dated initials). JM 2/21/2017

Lock Checklist

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1702I04

ANALYTICAL QC SUMMARY REPORT

BatchID: 238367

Sample ID: **MB-238367** Client ID: Units: **ug/Kg** Prep Date: **02/20/2017** Run No: **336958**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **238367** Analysis Date: **02/20/2017** Seq No: **7358733**

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	47.48	0	50.00		95.0	63	125				
Surr: Dibromofluoromethane	48.17	0	50.00		96.3	69.9	123				
Surr: Toluene-d8	49.87	0	50.00		99.7	70	122				

Sample ID: **LCS-238367** Client ID: Units: **ug/Kg** Prep Date: **02/20/2017** Run No: **336958**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **238367** Analysis Date: **02/20/2017** Seq No: **7358732**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	52.37	5.0	50.00		105	62	142				
Trichloroethene	56.29	5.0	50.00		113	70.1	136				
Surr: 4-Bromofluorobenzene	46.88	0	50.00		93.8	63	125				
Surr: Dibromofluoromethane	48.90	0	50.00		97.8	69.9	123				
Surr: Toluene-d8	50.16	0	50.00		100	70	122				

Sample ID: **1702G55-022AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **02/20/2017** Run No: **336958**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **238367** Analysis Date: **02/21/2017** Seq No: **7358736**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	50.09	5.0	50.00		100	55	143				
Trichloroethene	53.34	5.0	50.00		107	60.7	133				
Surr: 4-Bromofluorobenzene	47.90	0	50.00		95.8	63	125				
Surr: Dibromofluoromethane	48.43	0	50.00		96.9	69.9	123				

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: 1702I04

ANALYTICAL QC SUMMARY REPORT

BatchID: 238367

Sample ID: **1702G55-022AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **02/20/2017** Run No: **336958**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **238367** Analysis Date: **02/21/2017** Seq No: **7358736**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Toluene-d8	50.37	0	50.00		101	70	122				

Sample ID: **1702G55-022AMSD** Client ID: Units: **ug/Kg-dry** Prep Date: **02/20/2017** Run No: **336958**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **238367** Analysis Date: **02/21/2017** Seq No: **7358737**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	44.29	5.0	50.00		88.6	55	143	50.09	12.3	19.3	
Trichloroethene	48.87	5.0	50.00		97.7	60.7	133	53.34	8.75	20	
Surr: 4-Bromofluorobenzene	48.00	0	50.00		96.0	63	125	47.90	0	0	
Surr: Dibromofluoromethane	48.24	0	50.00		96.5	69.9	123	48.43	0	0	
Surr: Toluene-d8	47.87	0	50.00		95.7	70	122	50.37	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: 1702I04

ANALYTICAL QC SUMMARY REPORT

BatchID: 238410

Sample ID: **MB-238410** Client ID: Units: **ug/L** Prep Date: **02/21/2017** Run No: **336911**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **238410** Analysis Date: **02/21/2017** Seq No: **7357422**

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	43.60	0	50.00		87.2	66.1	129				
Surr: Dibromofluoromethane	49.81	0	50.00		99.6	83.6	123				
Surr: Toluene-d8	47.92	0	50.00		95.8	81.8	118				

Sample ID: **LCS-238410** Client ID: Units: **ug/L** Prep Date: **02/21/2017** Run No: **336911**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **238410** Analysis Date: **02/21/2017** Seq No: **7357421**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	52.59	5.0	50.00		105	68	139				
Trichloroethene	51.77	5.0	50.00		104	70.6	129				
Surr: 4-Bromofluorobenzene	45.53	0	50.00		91.1	66.1	129				
Surr: Dibromofluoromethane	54.92	0	50.00		110	83.6	123				
Surr: Toluene-d8	45.55	0	50.00		91.1	81.8	118				

Sample ID: **1702F67-008AMS** Client ID: Units: **ug/L** Prep Date: **02/21/2017** Run No: **336963**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **238410** Analysis Date: **02/21/2017** Seq No: **7359916**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	522.1	50	500.0		104	64.3	149				
Trichloroethene	466.1	50	500.0		93.2	70.2	132				
Surr: 4-Bromofluorobenzene	430.5	0	500.0		86.1	66.1	129				
Surr: Dibromofluoromethane	504.6	0	500.0		101	83.6	123				

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: 1702I04

ANALYTICAL QC SUMMARY REPORT

BatchID: 238410

Sample ID: **1702F67-008AMS** Client ID: Units: **ug/L** Prep Date: **02/21/2017** Run No: **336963**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **238410** Analysis Date: **02/21/2017** Seq No: **7359916**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Toluene-d8	459.1	0	500.0		91.8	81.8	118				

Sample ID: **1702F67-008AMSD** Client ID: Units: **ug/L** Prep Date: **02/21/2017** Run No: **336963**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **238410** Analysis Date: **02/21/2017** Seq No: **7359917**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	524.7	50	500.0		105	64.3	149	522.1	0.497	30.8	
Trichloroethene	465.2	50	500.0		93.0	70.2	132	466.1	0.193	27.7	
Surr: 4-Bromofluorobenzene	439.7	0	500.0		87.9	66.1	129	430.5	0	0	
Surr: Dibromofluoromethane	513.1	0	500.0		103	83.6	123	504.6	0	0	
Surr: Toluene-d8	476.6	0	500.0		95.3	81.8	118	459.1	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		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1702I04

ANALYTICAL QC SUMMARY REPORT

BatchID: 238422

Sample ID: **MB-238422** Client ID: Units: **ug/Kg** Prep Date: **02/21/2017** Run No: **336933**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **238422** Analysis Date: **02/21/2017** Seq No: **7359888**

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	2505	0	2500		100	63	125				
Surr: Dibromofluoromethane	2391	0	2500		95.6	69.9	123				
Surr: Toluene-d8	2456	0	2500		98.3	70	122				

Sample ID: **LCS-238422** Client ID: Units: **ug/Kg** Prep Date: **02/21/2017** Run No: **336933**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **238422** Analysis Date: **02/21/2017** Seq No: **7359889**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2547	250	2500		102	62	142				
Trichloroethene	2331	250	2500		93.2	70.1	136				
Surr: 4-Bromofluorobenzene	2510	0	2500		100	63	125				
Surr: Dibromofluoromethane	2420	0	2500		96.8	69.9	123				
Surr: Toluene-d8	2457	0	2500		98.3	70	122				

Sample ID: **1702D20-001AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **02/21/2017** Run No: **336933**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **238422** Analysis Date: **02/21/2017** Seq No: **7359891**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	3443	300	2963		116	55	143				
Trichloroethene	2872	300	2963		96.9	60.7	133				
Surr: 4-Bromofluorobenzene	2908	0	2963		98.1	63	125				
Surr: Dibromofluoromethane	2675	0	2963		90.3	69.9	123				

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: 1702I04

ANALYTICAL QC SUMMARY REPORT

BatchID: 238422

Sample ID: **1702D20-001AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **02/21/2017** Run No: **336933**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **238422** Analysis Date: **02/21/2017** Seq No: **7359891**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Toluene-d8	2898	0	2963		97.8	70	122				

Sample ID: **1702D20-001AMSD** Client ID: Units: **ug/Kg-dry** Prep Date: **02/21/2017** Run No: **336933**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **238422** Analysis Date: **02/21/2017** Seq No: **7359892**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	3218	300	2963		109	55	143	3443	6.76	19.3	
Trichloroethene	2850	300	2963		96.2	60.7	133	2872	0.766	20	
Surr: 4-Bromofluorobenzene	2949	0	2963		99.5	63	125	2908	0	0	
Surr: Dibromofluoromethane	2635	0	2963		88.9	69.9	123	2675	0	0	
Surr: Toluene-d8	2883	0	2963		97.3	70	122	2898	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		