



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

March 7, 2018

MEMORANDUM TO: Steve Scott, PE
Senior Engineer/Chief Engineer
SEPI Engineering

FROM: Craig Haden
GeoEnvironmental Project Manager
GeoEnvironmental Section
Geotechnical Engineering Unit

DocuSigned by:

Craig Haden

AE4AE3FF131F404...

TIP NO: U-4709
WBS: 39073.1.1
COUNTY: CUMBERLAND
DIVISION: 6
DESCRIPTION: Widen SR 1112 (Rockfish Rd) from SR 1115 (Golfview Rd) to NC 59 (Main St) and widen SR 1115 (Golfview Rd) from SR 1112 (Rockfish Rd) to NC 59 (Main St) in Hope Mills

SUBJECT: **GeoEnvironmental Planning Report**

The GeoEnvironmental Section of the Geotechnical Engineering Unit performed a Phase I field investigation on February 20, 2018 for the above referenced project to identify geoenvironmental sites of concern. The purpose of this report is to document sites of concern within the project study area that are or may be contaminated. These sites of concern should be included in the environmental planning document in an effort to assist the project stakeholders in reducing or avoiding impacts to these sites. Sites of concern may include, but are not limited to, underground storage tank (UST) sites, dry cleaning facilities, hazardous waste sites, regulated landfills and unregulated dumpsites.

Findings

Six (6) sites of concern were identified within the proposed study area. We anticipate low monetary and scheduling impacts resulting from these sites. See the following table and figure for details.

Please note that discovery of additional sites not recorded by regulatory agencies and not reasonably discernible during the project reconnaissance may occur. The GeoEnvironmental Section should be notified immediately after discovery of such sites so their potential impact(s) may be assessed.

If there are questions regarding the geoenvironmental issues, please contact me, at 919-707-6871

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL ENGINEERING UNIT
1589 MAIL SERVICE CENTER
RALEIGH, NC 27699-1589

Telephone: (919) 707-6850
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1020 BIRCH RIDGE DRIVE
RALEIGH, NC 27610

cc:

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Steve Grimes, ROW Unit, Negotiations, State Negotiator

row-notify@ncdot.gov

roadwaydesign@ncdot.gov

File

(01) Property Name:

Rockfish Elementary
5763 Rockfish Rd
Hope Mills, NC 28348

Property Owner:

Cumberland Co. Board of education
2465 Gillespie St
Fayetteville, NC 28302

Facility ID: 00-0-0000027621

Incident Type/Number: N/A

UST Owner:

Cumberland Co. School
810 Gillespie St
Fayetteville, NC 28306



Anticipated Impacts: Low

This site is current the location of Rockfish Elementary School. It is located on the south side of Rockfish Rd approximately 900 east of Golfview Rd. According to the UST Section Registry there are two (2) heating oil USTs currently in use. There are no known incidents associated with this facility.

(02) Property Name:

New shell station (ALCO # 31)
5722 Rockfish Rd
Hope Mills, NC 28348

Property Owner:

Albemarle Oil Co
PO Box 1059
Albemarle , NC 28001

Facility ID: 00-0-0000041610

Incident Type/Number: N/A

UST Owner:

Albemarle Oil Co.
PO Box 1059
Albemarle, NC 28001



Anticipated Impacts: Low

This Site is a new convenience store/gas station. At the time of the site investigation the facility was still being constructed. It is located on the north side of Rockfish Rd at Hilltop St. According to the UST Registry there are three (3) tanks currently in use. There are no known incidents associated with this facility and no monitoring wells were observed during the site investigation.

(03) Property Name:

Baldinos Subs
5621 Rockfish Rd
Hope Mills, NC 28348

Property Owner:

Bill & Maria Pappas
304 Owen Dr.
Fayetteville, NC 28304

Facility ID: N/A

Incident Type/Number: N/A

UST Owner:

N/A



Anticipated Impacts: Low

This site is currently Baldinos Sub Shop. It is located in the southeast quadrant of Rockfish Rd & Hill St. The site is not listed in the UST Section Registry and there are no known incidents associated with it. No monitoring wells were observed during the site investigation. The design of the building suggest it may have operated as a convenience store/gas station at one time.

(04) Property Name:

Circle K # 2723005
5617 Rockfish Rd
Hope Mills, NC 28348

Property Owner:

McCauley & McDonald Investment.
PO Box 361
Fayetteville, NC 28302

Facility ID: 00-0-0000011292

Incident Type/Number: N/A

UST Owner:

Circle K Stores Inc.
2550 W. Tyvola Rd, Suite 200
Charlotte, NC 28217



Anticipated Impacts: Low

This site is an active convenience store/gas station. It is located in the northeast quadrant of Rockfish Rd & Hill St. According to the UST Section Registry there are three (3) tanks currently in use. There are no known incidents associated with this facility and no monitoring wells were observed during the site investigation.

(05) Property Name:

Circle K # 2720481
3458 N. Main St
Hope Mills, NC 28348

Property Owner:

Circle K Stores Inc.
1130 W. Warner Rd
Tempe , AZ 85284

Facility ID: 00-0-0000012308

Incident Type/Number: N/A

UST Owner:

Circle K Stores Inc.
2550 W. Tyvola Rd, Suite 200
Charlotte, NC 28217



Anticipated Impacts: Low

This site is an active convenience store/gas station. It is located in the southwest quadrant of N. Main St and Rockfish Rd. According to the UST Section Registry there are three (3) tanks currently in use. There are no known incidents associated with the facility and no monitoring wells were observed during the site investigation.

(06) Property Name:

Parkers Cleaners
5545 McPhail St
Hope Mills, NC 28348

Property Owner:

MML & Associates
3695 N. US 301
Dunn, NC 28334

Facility ID: N/A

Incident Type/Number: N/A

UST Owner:

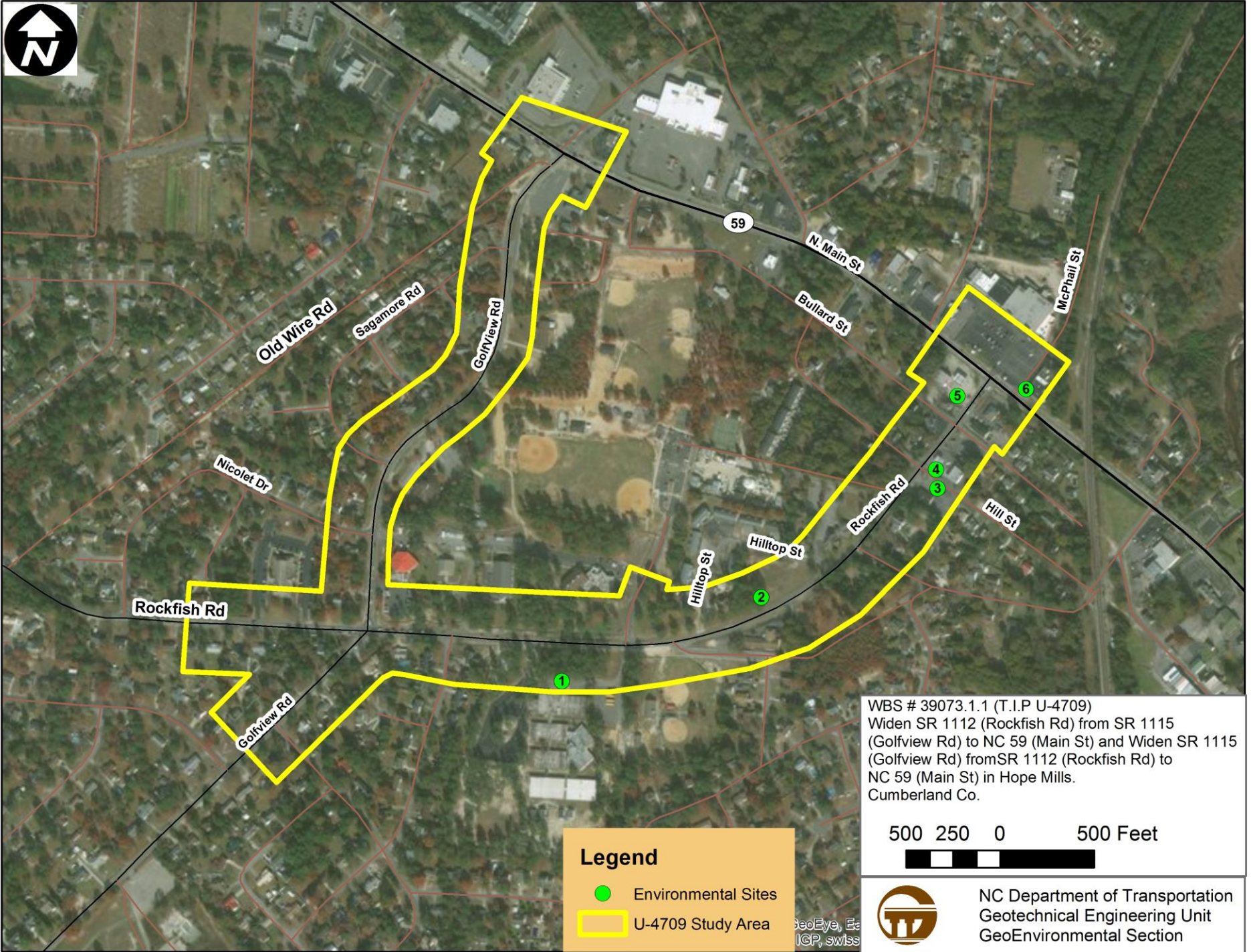
N/A



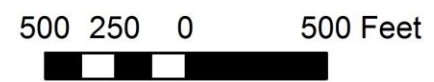
Anticipated Impacts: Low-Med

This site is an active dry cleaners. It is located in the southeast end unit of the Hope Mills Plaza at the intersection of N. Main St and McPhail St. The site is not listed in the DSCA database. The store manager contacted the owner of the cleaners and indicated the facility has been at this location for approximately 20 years and does not do onsite dry cleaning and has never done onsite dry cleaning.

Location of GeoEnvironmental Sites of Concern



WBS # 39073.1.1 (T.I.P U-4709)
Widen SR 1112 (Rockfish Rd) from SR 1115 (Golfview Rd) to NC 59 (Main St) and Widen SR 1115 (Golfview Rd) from SR 1112 (Rockfish Rd) to NC 59 (Main St) in Hope Mills. Cumberland Co.



Legend

- Environmental Sites
- U-4709 Study Area



NC Department of Transportation
Geotechnical Engineering Unit
GeoEnvironmental Section

GeoEye, Esri, IGP, swiss

May 19, 2020

Mr. James Brown
State of North Carolina
Department of Environment and Natural Resources
Fayetteville Regional Office
Division of Waste Management – UST Section
225 Green Street, Suite 714, Systel Building
Fayetteville, North Carolina 28301

Re: **UST Closure Report**
Circle K Store #2723005
5617 Rockfish Road
Hope Mills, Cumberland County, North Carolina
NCDEQ Facility ID #00-0-0000011292

Dear Mr. Brown:

ATC Associates of North Carolina, P.C. (ATC), on behalf of Circle K Stores, Inc. is submitting this UST Closure Report for the referenced facility. Please feel free to contact me at (919) 561-3893 should you have any questions or comments.

Sincerely,
ATC Associates of North Carolina, P.C.



Maureen A. Jackson, P.G.
Senior Project Manager



**UST Closure Report
Circle K Store #2723005**

**5617 Rockfish Road
Hope Mills, Cumberland County, North Carolina
ATC Project No. CIRK3005CL**

Prepared for:
Circle K Stores, Inc.
1100 Situs Court, Suite 100
Raleigh, NC 27606

Prepared by:
ATC Associates of North Carolina, P.C.
609A Piner Road, Suite 115
Wilmington, North Carolina 28409

TABLE OF CONTENTS

1.0	Executive Summary	1
2.0	Site Information.....	2
2.1	Site Identification.....	2
2.2	Contact Information.....	2
2.3	Release Information	2
3.0	History and Characterization	3
4.0	UST Closure	3
4.1	Preparations for UST Closure	4
4.2	Closure Activities.....	4
4.3	Initial Response Actions	4
4.4	Soil Excavation Activities.....	5
4.5	Soil Sampling Procedures	5
4.6	Quality Control Measures	5
4.7	Groundwater Sampling Procedures.....	5
4.8	Laboratory Analytical Results	5
5.0	Free Product Investigation.....	6
6.0	Summary and Conclusions	6

Tables

Table 1	UST Closure Analytical Results
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Figures

Figure 1	Topographic Map
Figure 2	Site Map

Appendices

Appendix A	UST-3 and UST-2
Appendix B	Disposal Manifests
Appendix C	Laboratory Report and Chain-of-Custody Documents

1.0 EXECUTIVE SUMMARY

Three 8,000-gallon gasoline underground storage tanks (USTs) and their appurtenances were closed by removal on May 4 through May 6, 2020. The UST and their appurtenances were owned by Circle K Stores of Raleigh, North Carolina.

The USTs were located into a single UST basin, located just west of the onsite building. Soil samples were subsequently collected from the bottom of the UST basin, beneath the dispensers, and along the product lines. Field screening measurements (low PID readings) did not indicate petroleum impacted soils within the UST basin, underneath the dispenser islands, and along sections of the product lines.

The UST basin, product line, and dispenser island soil samples were collected and submitted for analysis by Environmental Protection Agency (EPA) Method 8015C for Total Petroleum Hydrocarbons (TPH) – Gasoline Range Organics (GRO) and EPA Method 8260B. The locations of the soil samples are provided in **Figure 2**.

Laboratory analytical results did not detect TPH-GRO concentrations above its established State Action Level in any of the soil samples collected.

Laboratory analytical results detected a naphthalene concentration above its established Soil-to-Groundwater (STGW) Maximum Contaminant Concentration (MSCC) in soil sample SS-5. Other target compound concentrations were detected in the soil samples collected above laboratory MDLs but below established STGW-MSCCs.

It should be noted groundwater was not encountered during UST closure activities.

Based on the current soil analytical results, it appears a new petroleum release has not occurred from the former UST system. Petroleum-related impacts at the site can be attributed to previous incident #42185. This incident has previously been issued a Notice of No Further Action.

2.0 SITE INFORMATION

2.1 Site Identification

Date of Report: May 19, 2020
Facility I.D.: 00-0-0000011292 UST Incident Number (if known): 42185
Site Name: Circle K Store #2723005
Site Street Address: 5617 Rockfish Road
City/Town: Hope Mills Zip Code: 28348 County: Cumberland
Description of Geographical Data Point (e.g., diesel fill port): UST basin
Location Method (GPS, topographical map, other): mapping software
Latitude (decimal degrees): 34°58'29.07" N, Longitude (decimal degrees): 78°57'05.05" W

2.2 Contact Information

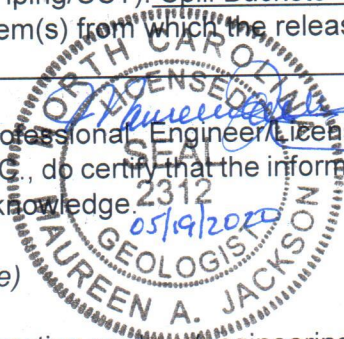
UST Owner: Circle K Stores, Inc.
Address: 1100 Situs Court, Suite 100, Raleigh, NC 27606 Tel.: 919-774-6700
UST Operator: Circle K Stores, Inc.
Address: 1100 Situs Court, Suite 100, Raleigh, NC 27606 Tel.: 919-774-6700
Property Owner: McCauley and McDonald Investments, Inc.
Address: P.O. Box 361 Fayetteville, NC 28302 Tel.: Unknown
Property Occupant: Vacant
Address: 4000 S. Main Street Hope Mills, NC 28348 Tel.: N/A
Consultant: ATC Associates of North Carolina, P.C.
Address: 609A Piner Road, Suite 115, Wilmington, NC 28409 Tel.: 919-561-3893
Contractor: Zebra Environmental and Industrial Services
Address: 901 East Springfield Road High Point, NC 27263 Tel.: 336-841-5276
Analytical Laboratory: SGS North America, Inc. State Certification No. 487
Address: 500 Ambassador Caffery, Scott, LA 70583 Tel.: 337-237-4775

2.3 Release Information

Date Discovered: December 7, 2018
Estimated Quantity of Release: Unknown
Cause of Release: Regular and Mid-Grade Gasoline Spill Buckets Failed Hydrostatic Tests
Source of Release (Dispenser/Piping/UST): Spill Buckets
Sizes and contents of UST system(s) from which the release occurred: Three 8,000-gallon gasoline USTs

I, Maureen A. Jackson, a Professional Engineer/Licensed Geologist (circle one) for ATC Associates of North Carolina, P.C., do certify that the information contained in this report is correct and accurate to the best of my knowledge.

(Please Affix Seal and Signature)



ATC Associates is licensed to practice geology/engineering (circle one or both) in North Carolina. The certification number of the company is C-1598.

3.0 HISTORY AND CHARACTERIZATION

The Circle K Store #2723005 (Facility ID No. 0-11292) is currently an inactive retail fuel outlet and convenience store. The site is located at 5617 Rockfish Road, Hope Mills, Cumberland County, North Carolina. The site consisted of a single-story convenience store with one canopy. Three 8,000-gallon gasoline USTs and their appurtenances were removed from the facility. The cover at the site consists of asphalt and concrete. The site and surrounding areas are within the town limits of Hope Mills. The site is zoned for commercial purposes (C-1). The surrounding properties are either commercial or residential. A topographic map is presented as **Figure 1**, and a site map is presented as **Figure 2**. UST system information is summarized on the following table.

UST ID	PRODUCT	CAPACITY (gals.)	MATERIALS	INSTALLATION DATE	UST STATUS	RELEASE ASSOCIATED (Yes/No)
1	Gasoline	8,000	Tank: Steel with IC PL: SW Fiberglass	January 1978	Removed	No
2	Gasoline	8,000	Tank: Steel with IC PL: SW Fiberglass	January 1978	Removed	No
3	Gasoline	8,000	Tank: Steel with IC PL: SW Fiberglass	January 1978	Removed	No

On May 4 through May 6, 2020, ATC supervised the removal of three 8,000-gallon gasoline USTs and their appurtenances. The UST and its appurtenances were owned by Circle K. Stores, Inc. of Raleigh, North Carolina. The UST closure activity details are presented below.

4.0 UST CLOSURE

This section presents information regarding the removal of the UST, associated piping, and dispenser.

4.1 Preparations for UST Closure

Prior to the UST closure activities, a Notice of Intent to permanently close the UST system was made to the North Carolina Department of Environmental Quality (NCDEQ) by ATC via a UST-3 form dated April 14, 2020 (**Appendix A**). Post closure information is included on the Site Investigation Report Form (UST-2), which is included in **Appendix A**.

The UST owner removed as much of the remaining product from the USTs as possible prior to the closure activities. Prior to the removal of the USTs from the UST basin, Zebra Environmental and Industrial Services (Zebra) cleaned the tanks and liquid nitrogen was then used to purge the USTs prior to their removal from the ground. A copy of the liquid disposal manifest is provided in **Appendix B**.

4.2 Closure Activities

Closure activities at the Site were conducted on May 4 through May 6, 2020. Zebra performed the UST closure activities. The three 8,000-gallon gasoline USTs were in a single UST basin, located just west of the onsite building. Additionally, three gasoline dispensers were located west of the former UST basin under a canopy. **Figure 1** depicts the topographic map. **Figure 2** depicts the site map. Upon removal from the ground, the USTs were noted to be in fair condition with some minor rusting and pitting on each UST.

The dispensers were disconnected from the associated piping, loaded onto a trailer, and transported off-site. It should be noted the product lines were constructed of fiberglass until the UST basin. The product lines within the UST basin were constructed of steel.

The three 8,000-gallon USTs were loaded onto a flat-bed trailer and hauled off for disposal. The USTs were disposed of at Omni Source in Fayetteville, North Carolina. A copy of the disposal manifest is provided in **Appendix B**.

4.3 Initial Response Actions

Other than removal of the USTs, no other initial abatement response actions were performed.

4.4 Soil Excavation Activities

Other than removing overburden soil from the USTs and product lines, soil excavation activities were not conducted during UST closure activities.

4.5 Soil Sampling Procedures

Soil samples were collected from the bottom of the UST basin, under each dispenser, and along the associated product lines (**Figure 2**). Each soil sample collected was placed into zip-lock bags and screened using a PID (**Table 1**). Soil samples collected from the bottom of the UST basin were collected using a backhoe bucket. Soil samples collected under each dispenser and along the associated product lines were collected using a shovel.

Sixteen (16) soil samples (SS-1 through SS-9, Disp-1, Disp-2, Disp-3, and PL-1 through PL-4) were collected from the bottom of the UST basin, under the dispensers, and under the product lines to document environmental conditions. The bottom, product line, and dispenser island soil samples were collected and submitted for analysis by Environmental Protection Agency (EPA) Method 8015C for Total Petroleum Hydrocarbons (TPH) – Gasoline Range Organics (GRO) and EPA Method 8260B. The locations of the soil samples are provided in **Figure 2**.

4.6 Quality Control Measures

The soil samples selected for analyses were properly labeled and placed on ice in a cooler pending transport to SGS North America Inc. (SGS) (NC Certification No. 487). Strict chain-of-custody and sample preservation protocols were observed for shipping and delivering the samples.

4.7 Groundwater Sampling Procedures

Groundwater was not encountered during UST closure activities.

4.8 Laboratory Analytical Results

Laboratory analytical results did not detect TPH-GRO concentrations above its established State Action Level in any of the soil samples collected.

Laboratory analytical results detected a naphthalene concentration above its established STGW-MSCC in soil sample SS-5. Other target compound concentrations were detected in the soil samples collected above laboratory MDLs but below established STGW-MSCCs.

Table 1 provides a summary of the soil analytical results. A copy of the laboratory report is included in **Appendix C**.

5.0 FREE PRODUCT INVESTIGATION

Free product was not identified in the UST basin during closure activities.

6.0 SUMMARY AND CONCLUSIONS

Three 8,000-gallon gasoline underground storage tanks (USTs) and their appurtenances were closed by removal on May 4 through May 6, 2020. The UST and their appurtenances were owned by Circle K Stores of Raleigh, North Carolina.

Laboratory analytical results did not detect TPH-GRO concentrations above its established State Action Level in any of the soil samples collected.

Laboratory analytical results detected a naphthalene concentration above its established STGW-MSCC in soil sample SS-5. Other target compound concentrations were detected in the soil samples collected above laboratory MDLs but below established STGW-MSCCs.

It should be noted groundwater was not encountered during UST closure activities.

Based on the current soil analytical results, it appears a new petroleum release has not occurred from the former UST system. Petroleum-related impacts at the site can be attributed to previous incident #42185. This incident has been previously issued a Notice of No Further Action.

TABLE

**TABLE 1
UST CLOSURE ANALYTICAL RESULTS**

**CIRCLE K STORE #2723005
5617 ROCKFISH ROAD
HOPE MILLS, CUMBERLAND COUNTY, NORTH CAROLINA
FACILITY ID #00-0-0000011292**

ANALYTICAL METHOD					EPA Method 8015C	EPA METHOD 8260B													
Sample ID	Date Sampled	PID Reading (ppm)	Sample Location	Sample Depth (feet)	TPH-GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	sec-Butylbenzene	Isopropylbenzene	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	
SS-1	5/5/2020	0.2	UST basin	13	<6.2	0.00079	<0.0054	<0.0011	0.0041	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.054	
SS-2	5/5/2020	0.5	UST basin	13	<6.0	0.00088	0.0075	0.0010	0.0082	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.052	
SS-3	5/5/2020	3.1	UST basin	13	8.30	0.0024	0.0137	0.0088	0.150	<0.0054	0.0865	0.0279	0.0182	0.0072	0.0109	0.585	<0.30	<0.054	
SS-4	5/5/2020	2.4	UST basin	13	<6.7	0.0053	0.0136	0.0030	0.0650	<0.0053	0.0731	0.0058	0.0054	<0.0053	<0.0053	<0.29	0.102	<0.053	
SS-5	5/5/2020	37.9	UST basin	13	<5.6	0.00075	0.0085	0.0035	0.0644	0.0394	0.193	0.0093	0.0076	<0.0054	<0.0054	<0.30	0.135	<0.054	
SS-6	5/5/2020	1.2	UST basin	13	<6.1	0.0022	<0.0055	0.0012	0.0092	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	0.0058	<0.0055	0.0616	
SS-7	5/5/2020	1.0	UST basin	13	<5.9	0.0030	0.0067	0.0020	0.0137	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	0.0056	<0.0054	<0.054	
SS-8	5/5/2020	1.4	UST basin	13	<5.9	0.00053	0.0058	<0.0011	0.0061	<0.0053	0.0060	<0.0053	<0.0053	<0.0053	<0.0053	0.0132	0.0525	<0.053	
SS-9	5/5/2020	5.1	UST basin	13	<5.7	<0.00050	0.0073	0.0011	0.0084	<0.0050	0.0055	<0.0050	<0.0050	<0.0050	<0.0050	0.0054	0.0261	<0.050	
Disp-1	5/6/2020	0.0	Dispenser	4	<6.8	0.00099	0.0109	0.0012	0.0164	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.057	
Disp-2	5/6/2020	1.1	Dispenser	4	<6.0	0.00066	0.0068	<0.0011	0.0078	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.053	
Disp-3	5/6/2020	0.1	Dispenser	4	<5.9	0.00084	0.0083	<0.0011	0.0085	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.053	
PL-1	5/6/2020	0.0	Product Line	4	<6.1	0.0014	0.0056	<0.0011	0.0041	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.054	
PL-2	5/6/2020	0.0	Product Line	4	<6.1	0.0014	<0.0052	<0.0010	0.0032	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.052	
PL-3	5/6/2020	0.3	Product Line	4	<6.4	0.00069	<0.0056	<0.0011	0.0026	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.056	
PL-4	5/6/2020	0.2	Product Line	4	<6.0	<0.00053	<0.0053	<0.0011	<0.0021	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.053	
NCDEQ State Action Level (mg/kg)					50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Soil-to-Groundwater MSCC						0.0056	4.3	4.9	4.6	0.12	0.16	1.7	3.3	1.7	NE	8.5	8.3	24.0	
Residential MSCC						18	1,200	1,560	3,129	100	313	626	626	1,564	NE	782	782	14,000	
Industrial/Commerical MSCC						164	32,000	40,000	81,760	4,000	8,176	16,350	16,350	40,880	NE	20,440	20,440	360,000	

Notes:

1. Concentrations reported in milligrams per kilogram (mg/kg).
2. "<" = not detected at or above the laboratory detection limit.
3. NE denotes not established.
4. Bold type indicates concentration detected above State Action Level or Soil-to-Groundwater MSCC
5. MSCC denotes maximum soil contaminant concentration

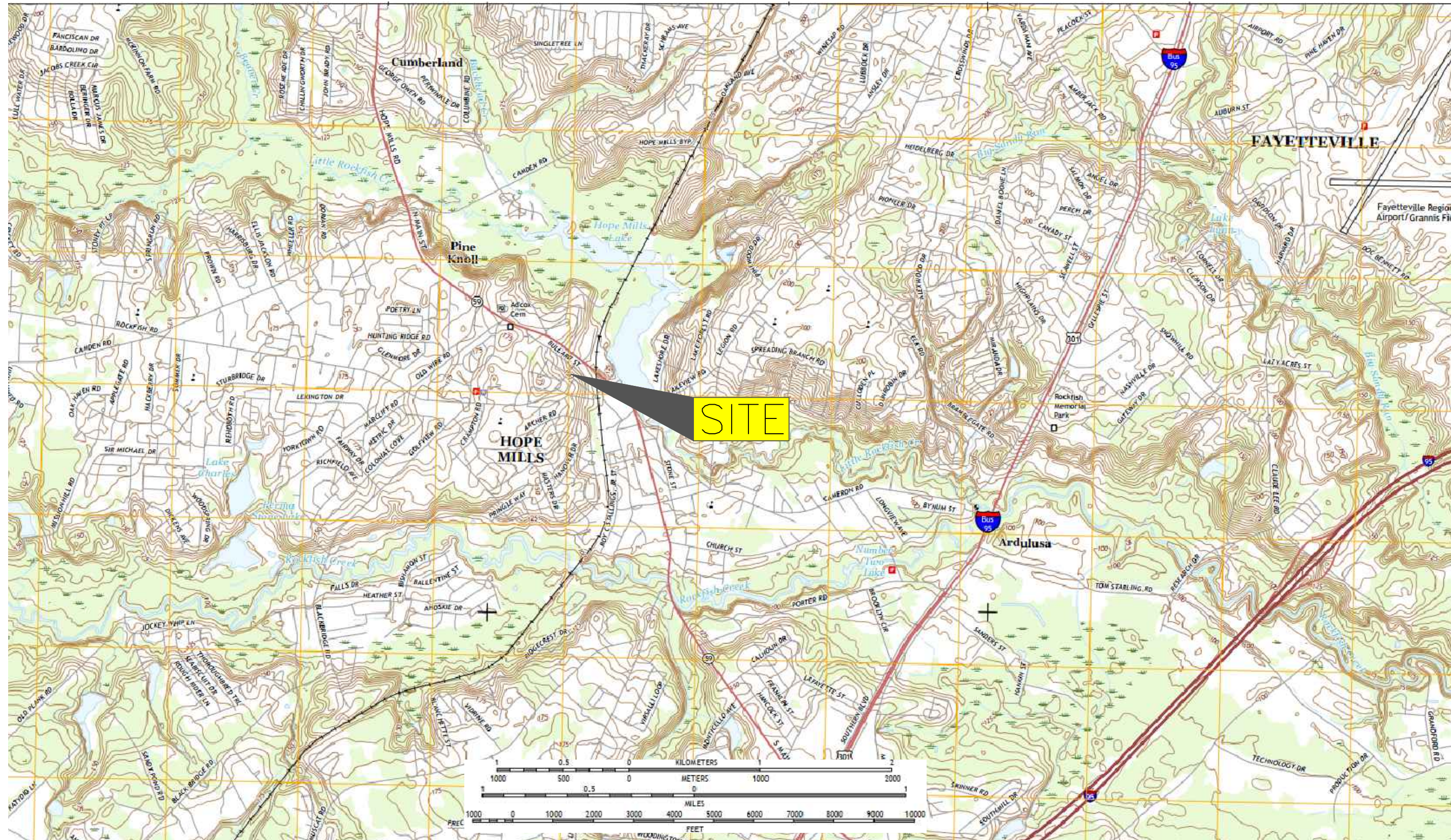
FIGURES



U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



HOPE MILLS QUADRA
NORTH CAROLINA
7.5-MINUTE SERIES



Project Number: PANT3005SC	Drn. By: LB
Drawing File:	Ckt. By:
Date: 10/23/18	App'd By: MU
Scale: AS SHOWN	FIGURE 1



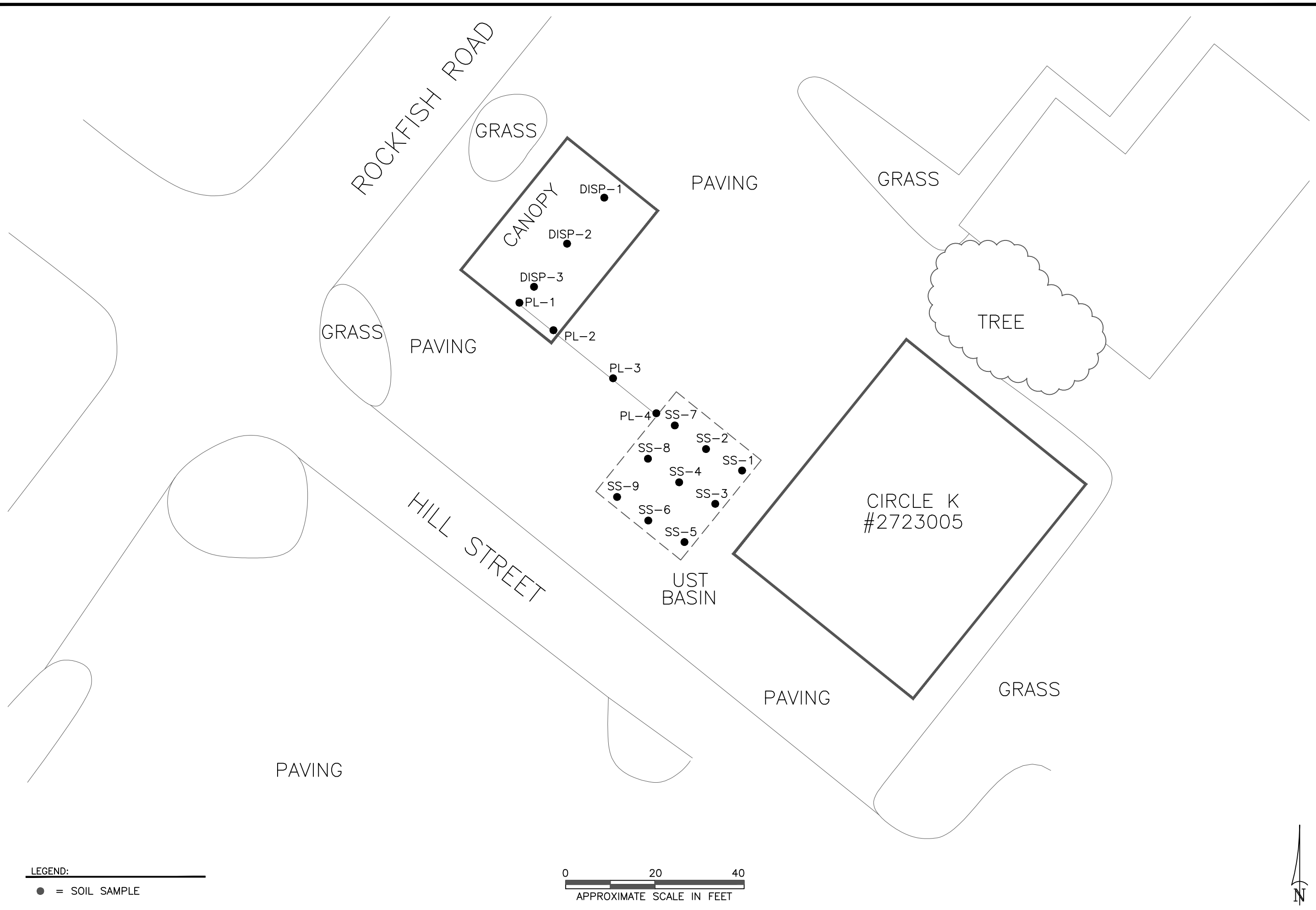
FIGURE 1

TOPOGRAPHIC MAP

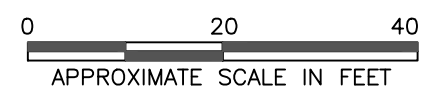
CIRCLE K #2723005
5617 ROCKFISH ROAD
HOPE MILLS, NORTH CAROLINA

NOTES:





LEGEND:
 ● = SOIL SAMPLE



Project Number: CIRK3005CL	Drn. By: LB
Drawing File:	Ckd. By:
Date: 05/15/2020	App'd By: MJ
Scale: AS SHOWN	FIGURE 2



FIGURE 2
SITE MAP
 CIRCLE K #2723005
 1007 SPRING LANE
 SANFORD, NORTH CAROLINA

NOTES:

APPENDIX A
UST-3 and UST-2

UST-3 Notice of Intent: UST Permanent Closure or Change-in-Service

Return completed form to:

The DWM Regional Office located in the area where the facility is located. Also send a copy to the Central Office in Raleigh. SEE MAP ON THE BACK OF THIS FORM FOR THE CENTRAL AND REGIONAL OFFICE ADDRESSES.

STATE USE ONLY

I.D. # _____

Date Received _____

INSTRUCTIONS (READ THIS FIRST)

Complete and return a UST-3 form at least **thirty (30) days** prior to closure or change-in-service activities. If a Professional Engineer (P.E.) or a Licensed Geologist (L.G.) provides supervision for closure or change-in-service site assessment activities and signs and seals all closure reports then at least a **five (5) working days'** notice is acceptable.

Completed UST closure or change-in-service site assessment reports, along with a copy of the UST-2A and/or 2B forms, should be submitted to the appropriate Division of Waste Management (DWM) Regional Office within thirty (30) days following closure activities. The UST-2 form should also be submitted to the Central Office in Raleigh so that the status of the tanks may be changed to permanently closed and your tank fee account can be closed out. Note: Tank fees may be due for unregistered tanks.

UST closure and change-in-service site assessments must be completed in accordance with the latest version of the *Guidelines for Site Checks, Tank Closure and Initial Response*. The guidelines can be obtained at <https://deq.nc.gov/about/divisions/waste-management/ust>. Note: To close tanks in place you must obtain prior approval from the DWM Regional office located in the region where the facility is located.

You must make sure that USTs removed from your property are disposed of properly. When choosing a closure contractor, ask where the tank(s) will be taken for disposal. Usually, USTs are cleaned and cut up for scrap metal. This is dangerous work and must be performed by a qualified company. Tanks disposed of illegally in fields or other dumpsites can leak petroleum products and sludge into the environment. If your tanks are disposed of improperly, you could be held responsible for the cleanup of any environmental damage that occurs.

I. OWNERSHIP OF TANKS		II. LOCATION			
Owner Name (Corporation, Individual, Public Agency, or Other Entity) Circle K Stores, Inc.		Facility Name or Company Circle K Store #2723005			
Street Address 1100 Situs Court, Suite 100		Facility ID # (If known) 00-0-0000011292			
City Raleigh	County Wake	Street Address 5617 Rockfish Road		City Hope Mills	County Cumberland
State NC	Zip Code 27606			Zip Code 28348	
Phone Number 919-774-6700	Email bpuzak@circlek.com	Phone Number 424-2443			

III. CONTACT PERSONNEL

Name: Brent Puzak	Company Name: Circle K Stores, Inc.	Job Title: Environmental Director	Phone Number: 9197746700
----------------------	--	--------------------------------------	-----------------------------

IV. TANK REMOVAL, CLOSURE IN PLACE, CHANGE-IN SERVICE

1. Contact local fire marshal.	5. Provide a sketch locating piping, tanks and soil sampling locations.	a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G. If a release has not occurred, the supervision, signature or seal of a P.E. or L.G. is not required.
2. Plan entire closure event.	6. Submit a closure report in the format of UST-12 (including the form UST-2) within thirty (30) days following the site investigation.	
3. Conduct Site Soil Assessment.	7. If a release from the tanks has occurred, the site assessment portion of the tank closure must be conducted under the supervision of	
4. If removing tanks or closing in place, refer to API Publication 2015 <i>Cleaning Petroleum Storage Tanks</i> and 1604 <i>Removal and Disposal of Used Underground Petroleum Storage Tanks</i> .	8. Keep closure records for three (3) years.	

V. WORK TO BE PERFORMED BY

Contractor Name: Jerry Stanley	Contractor Company Name: Zebra Environmental		
Address: 901 E Springfield Rd High Point	State: NC	Zip Code: 27261	Phone No: 336-578-5974
Primary Consultant Name: Maureen A. Jackson, P.G.	Primary Consultant Company Name: ATC Associates of NC	Consultant Phone No: 919-561-3893	

VI. TANKS SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE

Tank ID No.	Size in Gallons	Last Contents	Proposed Activity		
			Closure		Change-In-Service New Contents Stored
			Removal	Abandonment in Place*	
1	8000	Gasoline, Gas Mix	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2	8000	Gasoline, Gas Mix	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3	8000	Gasoline, Gas Mix	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	

* Prior written approval to abandon a tank in place must be received from a DWM Regional Office.

VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

Has a release from a UST system occurred at this location? Yes No Unknown

I understand that I can be held responsible for environmental damage resulting from the improper disposal of my USTs.

Print name and official title: Maureen A. Jackson, P.G. Sr. Project Manager ATC on behalf of Circle K Stores

Signature 	Date Signed April 14, 2020	SCHEDULED REMOVAL DATE Week May 4, 2020	Notify your DWM Regional Office 48 hours before this date if scheduled removal date changes
---	-------------------------------	--	---

UST-2A

Site Investigation Report for Permanent Closure or Change-in-Service of REGISTERED UST



Return completed form to: NC DEQ / DWM / UST SECTION 1646 MAIL SERVICE CENTER RALEIGH, NC 27699-1646 ATTN: REGISTRATION & PERMITTING phone (919) 707-8171 fax (919) 715-1117 http://www.wastenotnc.org/	Facility ID # Date Received	STATE USE ONLY:
---	------------------------------------	-----------------

INSTRUCTIONS (READ THIS FIRST)

- UST permanent closure or change in service must be completed in accordance with the latest version of the *Guidelines for Site Checks, Tank Closure and Initial Response and Abatement*. The guidelines can be obtained at <http://deq.nc.gov/about/divisions/waste-management/waste-management-permit-guidance/underground-storage-tanks-section>.
- Permanent closure:** Complete all sections of this form.
- Change-in-service:** Where a UST system will be converted from storing a regulated substance to a non-regulated substance, complete sections I, II, III, IV, and VI
- For more than 5 registered UST systems, attach additional forms as needed
- Tank Fee Refund:** An annual tank fee may be refunded for a tank for which a tank fee was not required. An owner or operator must submit a written request and include: (1) contact information, (2) federal identification # or SSN, and (3) a copy of UST-2 form. The annual tank fee will be prorated based on the date of permanent closure.
- UNREGISTERED USTs use Form UST-2B

I. OWNERSHIP OF TANKS		II. LOCATION OF TANKS	
Owner Name (Corporation, Individual, Public Agency, or Other Entity) Circle K Stores, Inc.		Facility Name or Company Circle K Store #2723005	
Street Address 1100 Situs Court, Suite 100		Facility ID # (If known) 00-0-0000011292	
City Raleigh	County Wake	Street Address 5617 Rockfish Road	
State NC	Zip Code 27606	City Hope Mills	County Cumberland
Phone Number (919) 774-6700		Zip Code 28348	
		Phone Number N/A	

III. CONTACT PERSONNEL

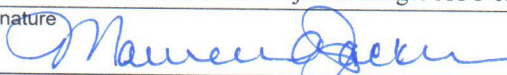
Contact for Facility: Brent Puzak		Job Title: Enviro. Director	Phone #: (919) 774-6700
Closure Contractor Name: Jeff Albano	Closure Contractor Company: Zebra Environmental	Address: 901 E. Springfield Rd High Point, NC 27263	Phone # (336) 442-1129
Primary Consultant Name: Maureen Jackson, PG	Primary Consultant Company: ATC Associates of North Carolina	Address: 609A Piner Rd Ste 115 Wilmington, NC 28409	Phone # (919) 561-3893

IV. UST INFORMATION FOR REGISTERED UST SYSTEMS UNREGISTERED USTs use Form UST-2B							V. EXCAVATION CONDITION					
Tank ID No.	Size in Gallons	Last Contents	Last Use Date	Permanent Close Date	Method of Permanent Closure: Indicate REMOVED or enter fill material, such as foam/ concrete/ sand	Change-in-Service Date	Water in excavation		Free product		Notable odor or visible soil contamination	
							Yes	No	Yes	No	Yes	No
1	8,000	Gasoline	5/1/20	5/5/20	Removed		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	8,000	Gasoline	5/1/20	5/5/20	Removed		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	8,000	Gasoline	5/1/20	5/5/20	Removed		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

VI. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true accurate and complete.

Print name and official title of owner or owner's authorized representative
Maureen A. Jackson PG Sr. Project Manager ATC on behalf of Circle K Stores

Signature:  Date Signed: May 6, 2020

APPENDIX B
Disposal Manifests



Environmental & Industrial Services Inc.

901 East Springfield Road High Point, NC 27263 Phone: 1-336-841-5276 Fax: 1-336-841-5509

Tank Disposal Manifest

200 959

Tank Owner/Authorized Representative: Name and Mailing address

Circle K #3005 5617 Roekfish Rd Hope Mills NC

Tank Owner/Authorized Representative: Contact: Dennis Patterson

Phone: 919-770-5724

Description of Tanks:

<u>Tank No.</u>	<u>Capacity</u>	<u>Previous Contents</u>	<u>Comments</u>
<u>#1</u>	<u>8,000</u>	<u>Gas</u>	<u>OLEL</u>
<u>#2</u>	<u>8,000</u>	<u>Gas</u>	<u>OLEL</u>
<u>#3</u>	<u>8,000</u>	<u>Gas</u>	<u>OLEL</u>

Tank Owner/Authorized Representative Certification: The undersigned certifies that the above listed storage tanks have been removed from the premises of the tank owner.

Frank Beecher for Circle K #3005 Frank Beecher 5/5/20

Signature Printed Name Month/Day/Year

Transporter: The under signed certifies that the above listed storage tanks have been transported to Zebra Environmental & industrial Services Inc, 901 East Springfield Road High Point, NC 27263

Felix Spideman Lucas Barreir 5-5-20

Signature Printed Name Month/Day/Year

Disposal Certification: The undersigned certifies that the above-named storage tank(s) have been accepted by the metal recycling facility.

Recycling Facility: OMNISOURCE

[Signature] Bryan Bismarck L 5 May 2020

Signature Printed Name Month/Day/Year

MATERIAL MANIFEST



EMERGENCY PHONE NO.
(336) 841-5276

POST OFFICE BOX 357
HIGH POINT, NC 27261

TEL (336) 841-5276
FAX (336) 841-5509

Manifest Document No. <i>020200959-2</i>	
Page	of
Zebra Job No. <i>200959</i>	

GENERATOR INFORMATION

Name <i>C. Eric K / Kangaroo</i>	US EPA ID No.
Street Address <i>5617 Beechfish Rd</i>	Phone No.
Mailing Address <i>Hope Mills NC</i>	Contact

DESCRIPTION OF MATERIALS

HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty.	Containers Type	Total Quantity	Unit Wt./Vol.
a.	<i>NON HAZ LIQUIDS (MCS)</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>1</i>	<i>45</i>	<i>12</i>	<i>9</i>
b.								
c.								

ADDITIONAL INFORMATION

	ERG No.	Zebra Profile Code	Facility Use
a.			<i>Petro Contact Lincro</i>
b.			
c.			

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name <i>THOMAS W. LISON (Agent for Eric K)</i>	Signature <i>[Signature]</i>	Mo. / Day / Yr. <i>4-21-20</i>
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TRANSPORTER INFORMATION

Transporter Zebra Environmental & Industrial Services Inc	I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.	
Address 901 East Springfield Road High Point, NC 27263	Signature <i>[Signature]</i>	Shipment Date <i>4-21-20</i>
Transporter or EPA ID No. NCO991302669	I hereby acknowledge receipt of the above-described materials were received from the generator site and were transported to the facility listed below.	
Unit No.	Signature <i>[Signature]</i>	Delivery Date <i>4-21-20</i>
Phone (336) 841-5276		

FACILITY INFORMATION

Facility Zebra Environmental & Industrial Services, Inc.	I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.	
Address 901 East Springfield Road High Point, NC 27263	Signature <i>[Signature]</i>	Receipt Date <i>4-21-20</i>
Facility or EPA ID No. NCO991302669	Discrepancies / Routing Codes / Handling Methods	
Phone (336) 841-5276	a.	
Contact Bill Hunter	b.	
	c.	

MATERIAL MANIFEST



EMERGENCY PHONE NO.
(336) 841-5276

POST OFFICE BOX 357
HIGH POINT, NC 27261

TEL (336) 841-5276
FAX (336) 841-5509

Manifest Document No. 200959-1	
Page	of
Zebra Job No. 200959	

GENERATOR INFORMATION

Name Cirek K # 3005	US EPA ID No.
Street Address 5617 Rock Fish Rd Hoke Mills NC	Mailing Address
Phone No. 919-770-3724	Contact Dennis Patterson

DESCRIPTION OF MATERIALS

HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty.	Containers Type	Total Quantity	Unit Wt./Vol.
a.	NON HAZ WASTE (NOS)	/	/	/	1	TT	900	g
b.								
c.								

ADDITIONAL INFORMATION	ERG No.	Zebra Profile Code	Facility Use
a. Petro Consult Water			
b.			
c.			

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name Travis Wilson (Agent for Cirek)	Signature <i>Travis Wilson</i>	Mo. / Day / Yr. 5-7-20
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TRANSPORTER INFORMATION

Transporter Zebra Environmental & Industrial Services Inc	I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.	
Address 901 East Springfield Road High Point, NC 27263	Signature <i>Travis Wilson</i>	Shipment Date 5-7-20
Transporter or EPA ID No. NCO991302669	I hereby acknowledge receipt of the above-described materials were received from the generator site and were transported to the facility listed below.	
Unit No. VI-3	Signature <i>Travis Wilson</i>	Delivery Date 5-7-20
Phone (336) 841-5276		

FACILITY INFORMATION

Facility Zebra Environmental & Industrial Services, Inc.	I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.	
Address 901 East Springfield Road High Point, NC 27263	Signature	Receipt Date
Facility or EPA ID No. NCO991302669	Discrepancies / Routing Codes / Handling Methods	
Phone (336) 841-5276	a.	
Contact David Tedder	b.	
	c.	

APPENDIX C
Laboratory Report and
Chain-of-Custody Documents

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

ATC Group Services LLC

Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Cirk3005CL

SGS Job Number: LA63671

Sampling Dates: 05/05/20 - 05/06/20



Report to:

ATC Group Services LLC.
2725 East Millbrook Road Suite 121
Raleigh, NC 27604
maureen.jackson@atcgs.com

ATTN: Maureen Jackson

Total number of pages in report: **101**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Ron Benjamin
Ron Benjamin
Lab Director

Client Service contact: Amy Jackson 337-237-4775

Certifications: LDEQ(2048), LDHH(LA150012), AR(14-045-04), AZ(AZ0805), FL(E87657), IL(200082), KY(#31), NC(487), SC(73004001), NJ(LA007), TX(T104704186-18-16), WV(257)

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	5
Section 3: Sample Results	9
3.1: LA63671-1: SS-1	10
3.2: LA63671-2: SS-2	14
3.3: LA63671-3: SS-3	18
3.4: LA63671-4: SS-4	22
3.5: LA63671-5: SS-5	26
3.6: LA63671-6: SS-6	30
3.7: LA63671-7: SS-7	34
3.8: LA63671-8: SS-8	38
3.9: LA63671-9: SS-9	42
3.10: LA63671-10: DISP 3	46
3.11: LA63671-11: DISP 2	50
3.12: LA63671-12: DISP 1	54
3.13: LA63671-13: PL-1	58
3.14: LA63671-14: PL-2	62
3.15: LA63671-15: PL-3	66
3.16: LA63671-16: PL-4	70
Section 4: Misc. Forms	74
4.1: Chain of Custody	75
Section 5: MS Volatiles - QC Data Summaries	79
5.1: Method Blank Summary	80
5.2: Blank Spike/Blank Spike Duplicate Summary	87
5.3: Matrix Spike/Matrix Spike Duplicate Summary	94
Section 6: GC Volatiles - QC Data Summaries	95
6.1: Method Blank Summary	96
6.2: Blank Spike/Blank Spike Duplicate Summary	98
6.3: Matrix Spike/Matrix Spike Duplicate Summary	100



Sample Summary

ATC Group Services LLC

Job No: LA63671

**Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC
Project No: Cirk3005CL**

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
---------------	----------------	---------	----------	-------------	------	------------------

**This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the RL**

LA63671-1	05/05/20	10:45 FB	05/07/20	SO	Soil	SS-1
LA63671-2	05/05/20	11:00 FB	05/07/20	SO	Soil	SS-2
LA63671-3	05/05/20	11:15 FB	05/07/20	SO	Soil	SS-3
LA63671-4	05/05/20	11:30 FB	05/07/20	SO	Soil	SS-4
LA63671-5	05/05/20	11:45 FB	05/07/20	SO	Soil	SS-5
LA63671-6	05/05/20	12:15 FB	05/07/20	SO	Soil	SS-6
LA63671-7	05/05/20	12:30 FB	05/07/20	SO	Soil	SS-7
LA63671-8	05/05/20	12:45 FB	05/07/20	SO	Soil	SS-8
LA63671-9	05/05/20	13:00 FB	05/07/20	SO	Soil	SS-9
LA63671-10	05/06/20	11:30 FB	05/07/20	SO	Soil	DISP 3
LA63671-11	05/06/20	11:45 FB	05/07/20	SO	Soil	DISP 2
LA63671-12	05/06/20	12:00 FB	05/07/20	SO	Soil	DISP 1

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



Sample Summary (continued)

ATC Group Services LLC

Job No: LA63671

Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC
Project No: Cirk3005CL

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
LA63671-13	05/06/20	12:15	FB	05/07/20	SO Soil	PL-1
LA63671-14	05/06/20	12:30	FB	05/07/20	SO Soil	PL-2
LA63671-15	05/06/20	12:45	FB	05/07/20	SO Soil	PL-3
LA63671-16	05/06/20	13:00	FB	05/07/20	SO Soil	PL-4

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: LA63671
Account: ATC Group Services LLC
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC
Collected: 05/05/20 thru 05/06/20

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
LA63671-1	SS-1					
Benzene		0.00079	0.00054		mg/kg	SW846 8260D
m,p-Xylene		0.0023	0.0022		mg/kg	SW846 8260D
o-Xylene		0.0018	0.0011		mg/kg	SW846 8260D
Xylene (total)		0.0041	0.0022		mg/kg	SW846 8260D
LA63671-2	SS-2					
Benzene		0.00088	0.00052		mg/kg	SW846 8260D
Ethylbenzene		0.0010	0.0010		mg/kg	SW846 8260D
Toluene		0.0075	0.0052		mg/kg	SW846 8260D
m,p-Xylene		0.0050	0.0021		mg/kg	SW846 8260D
o-Xylene		0.0032	0.0010		mg/kg	SW846 8260D
Xylene (total)		0.0082	0.0021		mg/kg	SW846 8260D
LA63671-3	SS-3					
Benzene		0.0024	0.00054		mg/kg	SW846 8260D
sec-Butylbenzene		0.0182	0.0054		mg/kg	SW846 8260D
Ethylbenzene		0.0088	0.0011		mg/kg	SW846 8260D
Isopropylbenzene		0.0072	0.0054		mg/kg	SW846 8260D
Naphthalene		0.0865	0.0054		mg/kg	SW846 8260D
n-Propylbenzene		0.0279	0.0054		mg/kg	SW846 8260D
Toluene		0.0137	0.0054		mg/kg	SW846 8260D
1,2,3-Trichloropropane		0.0109	0.0054		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene		0.585	0.30		mg/kg	SW846 8260D
m,p-Xylene		0.0877	0.0021		mg/kg	SW846 8260D
o-Xylene		0.0627	0.0011		mg/kg	SW846 8260D
Xylene (total)		0.150	0.0021		mg/kg	SW846 8260D
TPH-GRO (C6-C10)		8.30	5.8		mg/kg	SW846 8015C
LA63671-4	SS-4					
Benzene		0.0053	0.00053		mg/kg	SW846 8260D
sec-Butylbenzene		0.0054	0.0053		mg/kg	SW846 8260D
Ethylbenzene		0.0030	0.0011		mg/kg	SW846 8260D
Naphthalene		0.0731	0.0053		mg/kg	SW846 8260D
n-Propylbenzene		0.0058	0.0053		mg/kg	SW846 8260D
Toluene		0.0136	0.0053		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene		0.102	0.0053		mg/kg	SW846 8260D
m,p-Xylene		0.0349	0.0021		mg/kg	SW846 8260D
o-Xylene		0.0301	0.0011		mg/kg	SW846 8260D
Xylene (total)		0.0650	0.0021		mg/kg	SW846 8260D

Summary of Hits

Job Number: LA63671
Account: ATC Group Services LLC
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC
Collected: 05/05/20 thru 05/06/20

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
LA63671-5	SS-5					
Benzene		0.00075	0.00054		mg/kg	SW846 8260D
sec-Butylbenzene		0.0076	0.0054		mg/kg	SW846 8260D
Ethylbenzene		0.0035	0.0011		mg/kg	SW846 8260D
p-Isopropyltoluene		0.0394	0.0054		mg/kg	SW846 8260D
Naphthalene		0.193	0.0054		mg/kg	SW846 8260D
n-Propylbenzene		0.0093	0.0054		mg/kg	SW846 8260D
Toluene		0.0085	0.0054		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene		0.135	0.0054		mg/kg	SW846 8260D
m,p-Xylene		0.0332	0.0022		mg/kg	SW846 8260D
o-Xylene		0.0312	0.0011		mg/kg	SW846 8260D
Xylene (total)		0.0644	0.0022		mg/kg	SW846 8260D
LA63671-6	SS-6					
Acetone ^a		0.0616	0.055		mg/kg	SW846 8260D
Benzene ^a		0.0022	0.00055		mg/kg	SW846 8260D
Ethylbenzene ^a		0.0012	0.0011		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene ^a		0.0058	0.0055		mg/kg	SW846 8260D
m,p-Xylene ^a		0.0074	0.0022		mg/kg	SW846 8260D
o-Xylene ^a		0.0017	0.0011		mg/kg	SW846 8260D
Xylene (total) ^a		0.0092	0.0022		mg/kg	SW846 8260D
LA63671-7	SS-7					
Benzene		0.0030	0.00054		mg/kg	SW846 8260D
Ethylbenzene		0.0020	0.0011		mg/kg	SW846 8260D
Toluene		0.0067	0.0054		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene		0.0056	0.0054		mg/kg	SW846 8260D
m,p-Xylene		0.0111	0.0021		mg/kg	SW846 8260D
o-Xylene		0.0026	0.0011		mg/kg	SW846 8260D
Xylene (total)		0.0137	0.0021		mg/kg	SW846 8260D
LA63671-8	SS-8					
Benzene		0.00053	0.00053		mg/kg	SW846 8260D
Naphthalene		0.0060	0.0053		mg/kg	SW846 8260D
1,1,2,2-Tetrachloroethane		0.0020	0.0011		mg/kg	SW846 8260D
Toluene		0.0058	0.0053		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene		0.0132	0.0053		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene		0.0525	0.0053		mg/kg	SW846 8260D
m,p-Xylene		0.0032	0.0021		mg/kg	SW846 8260D
o-Xylene		0.0030	0.0011		mg/kg	SW846 8260D
Xylene (total)		0.0061	0.0021		mg/kg	SW846 8260D

Summary of Hits

Job Number: LA63671
Account: ATC Group Services LLC
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC
Collected: 05/05/20 thru 05/06/20

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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LA63671-9 SS-9

Ethylbenzene	0.0011	0.0010		mg/kg	SW846 8260D
Naphthalene	0.0055	0.0050		mg/kg	SW846 8260D
1,1,2,2-Tetrachloroethane	0.0020	0.0010		mg/kg	SW846 8260D
Toluene	0.0073	0.0050		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene	0.0054	0.0050		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene	0.0261	0.0050		mg/kg	SW846 8260D
m,p-Xylene	0.0053	0.0020		mg/kg	SW846 8260D
o-Xylene	0.0031	0.0010		mg/kg	SW846 8260D
Xylene (total)	0.0084	0.0020		mg/kg	SW846 8260D

LA63671-10 DISP 3

Benzene	0.00084	0.00053		mg/kg	SW846 8260D
Toluene	0.0083	0.0053		mg/kg	SW846 8260D
m,p-Xylene	0.0050	0.0021		mg/kg	SW846 8260D
o-Xylene	0.0034	0.0011		mg/kg	SW846 8260D
Xylene (total)	0.0085	0.0021		mg/kg	SW846 8260D

LA63671-11 DISP 2

Benzene	0.00066	0.00053		mg/kg	SW846 8260D
Toluene	0.0068	0.0053		mg/kg	SW846 8260D
m,p-Xylene	0.0046	0.0021		mg/kg	SW846 8260D
o-Xylene	0.0033	0.0011		mg/kg	SW846 8260D
Xylene (total)	0.0078	0.0021		mg/kg	SW846 8260D

LA63671-12 DISP 1

Benzene	0.00099	0.00057		mg/kg	SW846 8260D
Ethylbenzene	0.0012	0.0011		mg/kg	SW846 8260D
Toluene	0.0109	0.0057		mg/kg	SW846 8260D
m,p-Xylene	0.0098	0.0023		mg/kg	SW846 8260D
o-Xylene	0.0066	0.0011		mg/kg	SW846 8260D
Xylene (total)	0.0164	0.0023		mg/kg	SW846 8260D

LA63671-13 PL-1

Benzene	0.0014	0.00054		mg/kg	SW846 8260D
Toluene	0.0056	0.0054		mg/kg	SW846 8260D
m,p-Xylene	0.0024	0.0021		mg/kg	SW846 8260D
o-Xylene	0.0018	0.0011		mg/kg	SW846 8260D
Xylene (total)	0.0041	0.0021		mg/kg	SW846 8260D

Summary of Hits

Job Number: LA63671
Account: ATC Group Services LLC
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC
Collected: 05/05/20 thru 05/06/20

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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LA63671-14 PL-2

Benzene	0.0014	0.00052		mg/kg	SW846 8260D
o-Xylene	0.0013	0.0010		mg/kg	SW846 8260D
Xylene (total)	0.0032	0.0021		mg/kg	SW846 8260D

LA63671-15 PL-3

Benzene	0.00069	0.00056		mg/kg	SW846 8260D
o-Xylene	0.0011	0.0011		mg/kg	SW846 8260D
Xylene (total)	0.0026	0.0022		mg/kg	SW846 8260D

LA63671-16 PL-4

No hits reported in this sample.

(a) Internal standards are not within control limits due to matrix interference. Confirmed by reanalysis.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: SS-1		
Lab Sample ID: LA63671-1		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 90.9
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0064600.D	1	05/12/20 18:45	PJ	n/a	n/a	V2H2549
Run #2							

Run #	Initial Weight
Run #1	5.1 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.054	mg/kg	
71-43-2	Benzene	0.00079	0.00054	mg/kg	
108-86-1	Bromobenzene	ND	0.0011	mg/kg	
74-97-5	Bromochloromethane	ND	0.0011	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0054	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0054	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0011	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0011	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0054	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0054	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0011	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0054	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0011	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0011	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0011	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0011	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0011	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0011	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS-1	Date Sampled:	05/05/20
Lab Sample ID:	LA63671-1	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	90.9
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0011	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0011	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.43	mg/kg	
100-41-4	Ethylbenzene	ND	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.013	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0054	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0054	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0054	mg/kg	
74-83-9	Methyl Bromide	ND	0.011	mg/kg	
74-87-3	Methyl Chloride	ND	0.0054	mg/kg	
74-95-3	Methylene Bromide	ND	0.0011	mg/kg	
75-09-2	Methylene Chloride	ND	0.0054	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.013	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
91-20-3	Naphthalene	ND	0.0054	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0054	mg/kg	
100-42-5	Styrene	ND	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0011	mg/kg	
108-88-3	Toluene	ND	0.0054	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0054	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0054	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0011	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0054	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0054	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0054	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0054	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0011	mg/kg	
	m,p-Xylene	0.0023	0.0022	mg/kg	
95-47-6	o-Xylene	0.0018	0.0011	mg/kg	
1330-20-7	Xylene (total)	0.0041	0.0022	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-1		
Lab Sample ID: LA63671-1		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 90.9
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	105%		52-159%
460-00-4	4-Bromofluorobenzene	107%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

3.1
3

Client Sample ID: SS-1 Lab Sample ID: LA63671-1 Matrix: SO - Soil Method: SW846 8015C Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC	Date Sampled: 05/05/20 Date Received: 05/07/20 Percent Solids: 90.9
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380820.D	1	05/13/20 18:06	NN	n/a	n/a	GLA3008
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.80 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.2	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	92%		63-139%	
540-36-3	1,4-Difluorobenzene	85%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-2		
Lab Sample ID: LA63671-2		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 90.6
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0064601.D	1	05/12/20 19:10	PJ	n/a	n/a	V2H2549
Run #2							

Run #	Initial Weight
Run #1	5.3 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.052	mg/kg	
71-43-2	Benzene	0.00088	0.00052	mg/kg	
108-86-1	Bromobenzene	ND	0.0010	mg/kg	
74-97-5	Bromochloromethane	ND	0.0010	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0010	mg/kg	
75-25-2	Bromoform	ND	0.0010	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0052	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0052	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0010	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0010	mg/kg	
108-90-7	Chlorobenzene	ND	0.0010	mg/kg	
75-00-3	Chloroethane	ND	0.0010	mg/kg	
67-66-3	Chloroform	ND	0.0010	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0052	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0052	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0010	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0052	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0010	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0010	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0010	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0010	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0010	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0010	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0010	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0010	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0010	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0010	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0010	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0010	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0010	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-2		
Lab Sample ID: LA63671-2		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 90.6
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0010	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.42	mg/kg	
100-41-4	Ethylbenzene	0.0010	0.0010	mg/kg	
591-78-6	2-Hexanone	ND	0.013	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0052	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0052	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0052	mg/kg	
74-83-9	Methyl Bromide	ND	0.010	mg/kg	
74-87-3	Methyl Chloride	ND	0.0052	mg/kg	
74-95-3	Methylene Bromide	ND	0.0010	mg/kg	
75-09-2	Methylene Chloride	ND	0.0052	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.013	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	mg/kg	
91-20-3	Naphthalene	ND	0.0052	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0052	mg/kg	
100-42-5	Styrene	ND	0.0010	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0010	mg/kg	
108-88-3	Toluene	0.0075	0.0052	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0052	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0052	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	mg/kg	
79-01-6	Trichloroethylene	ND	0.0010	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0010	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0052	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0052	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0052	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0052	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0010	mg/kg	
	m,p-Xylene	0.0050	0.0021	mg/kg	
95-47-6	o-Xylene	0.0032	0.0010	mg/kg	
1330-20-7	Xylene (total)	0.0082	0.0021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	100%		59-143%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

32
3

Client Sample ID: SS-2		Date Sampled: 05/05/20
Lab Sample ID: LA63671-2		Date Received: 05/07/20
Matrix: SO - Soil		Percent Solids: 90.6
Method: SW846 8260D		
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	106%		52-159%
460-00-4	4-Bromofluorobenzene	104%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

32
3

Client Sample ID: SS-2 Lab Sample ID: LA63671-2 Matrix: SO - Soil Method: SW846 8015C Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC	Date Sampled: 05/05/20 Date Received: 05/07/20 Percent Solids: 90.6
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380822.D	1	05/13/20 18:29	NN	n/a	n/a	GLA3008
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.0	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	94%		63-139%	
540-36-3	1,4-Difluorobenzene	85%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-3		
Lab Sample ID: LA63671-3		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 84.7
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0064602.D	1	05/12/20 19:34	PJ	n/a	n/a	V2H2549
Run #2	1X0103082.D	1	05/13/20 13:37	CP	n/a	n/a	V1X4234

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.5 g		
Run #2	5.8 g	5.0 ml	100 ul

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.054	mg/kg	
71-43-2	Benzene	0.0024	0.00054	mg/kg	
108-86-1	Bromobenzene	ND	0.0011	mg/kg	
74-97-5	Bromochloromethane	ND	0.0011	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0054	mg/kg	
135-98-8	sec-Butylbenzene	0.0182	0.0054	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0011	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0011	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0054	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0054	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0011	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0054	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0011	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0011	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0011	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0011	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0011	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0011	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS-3	Date Sampled:	05/05/20
Lab Sample ID:	LA63671-3	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	84.7
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0011	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0011	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.43	mg/kg	
100-41-4	Ethylbenzene	0.0088	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.013	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0054	mg/kg	
98-82-8	Isopropylbenzene	0.0072	0.0054	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0054	mg/kg	
74-83-9	Methyl Bromide	ND	0.011	mg/kg	
74-87-3	Methyl Chloride	ND	0.0054	mg/kg	
74-95-3	Methylene Bromide	ND	0.0011	mg/kg	
75-09-2	Methylene Chloride	ND	0.0054	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.013	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
91-20-3	Naphthalene	0.0865	0.0054	mg/kg	
103-65-1	n-Propylbenzene	0.0279	0.0054	mg/kg	
100-42-5	Styrene	ND	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0011	mg/kg	
108-88-3	Toluene	0.0137	0.0054	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0054	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0054	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0011	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	0.0109	0.0054	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	0.585 ^a	0.30	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND ^a	0.30	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0054	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0011	mg/kg	
	m,p-Xylene	0.0877	0.0021	mg/kg	
95-47-6	o-Xylene	0.0627	0.0011	mg/kg	
1330-20-7	Xylene (total)	0.150	0.0021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	94%	94%	59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-3		
Lab Sample ID: LA63671-3		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 84.7
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	97%	100%	52-159%
460-00-4	4-Bromofluorobenzene	108%	100%	38-183%

(a) Result is from Run# 2

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-3	Date Sampled: 05/05/20
Lab Sample ID: LA63671-3	Date Received: 05/07/20
Matrix: SO - Soil	Percent Solids: 84.7
Method: SW846 8015C	
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380824.D	1	05/13/20 18:52	NN	n/a	n/a	GLA3008
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.00 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	8.30	5.8	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	95%		63-139%	
540-36-3	1,4-Difluorobenzene	84%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS-4	Date Sampled:	05/05/20
Lab Sample ID:	LA63671-4	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	85.8
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0064603.D	1	05/12/20 19:58	PJ	n/a	n/a	V2H2549
Run #2	1X0103084.D	1	05/13/20 14:03	CP	n/a	n/a	V1X4234

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.5 g		
Run #2	5.8 g	5.0 ml	100 ul

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.053	mg/kg	
71-43-2	Benzene	0.0053	0.00053	mg/kg	
108-86-1	Bromobenzene	ND	0.0011	mg/kg	
74-97-5	Bromochloromethane	ND	0.0011	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0053	mg/kg	
135-98-8	sec-Butylbenzene	0.0054	0.0053	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0011	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0011	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0053	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0053	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0011	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0053	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0011	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0011	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0011	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0011	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0011	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0011	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS-4	Date Sampled:	05/05/20
Lab Sample ID:	LA63671-4	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	85.8
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0011	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0011	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.42	mg/kg	
100-41-4	Ethylbenzene	0.0030	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.013	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0053	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0053	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0053	mg/kg	
74-83-9	Methyl Bromide	ND	0.011	mg/kg	
74-87-3	Methyl Chloride	ND	0.0053	mg/kg	
74-95-3	Methylene Bromide	ND	0.0011	mg/kg	
75-09-2	Methylene Chloride	ND	0.0053	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.013	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
91-20-3	Naphthalene	0.0731	0.0053	mg/kg	
103-65-1	n-Propylbenzene	0.0058	0.0053	mg/kg	
100-42-5	Styrene	ND	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0011	mg/kg	
108-88-3	Toluene	0.0136	0.0053	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0053	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0053	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0011	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0053	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND ^a	0.29	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	0.102	0.0053	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0053	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0011	mg/kg	
	m,p-Xylene	0.0349	0.0021	mg/kg	
95-47-6	o-Xylene	0.0301	0.0011	mg/kg	
1330-20-7	Xylene (total)	0.0650	0.0021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	92%	94%	59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-4		
Lab Sample ID: LA63671-4		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 85.8
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	102%	99%	52-159%
460-00-4	4-Bromofluorobenzene	108%	102%	38-183%

(a) Result is from Run# 2

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-4		
Lab Sample ID: LA63671-4		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8015C		Percent Solids: 85.8
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380826.D	1	05/13/20 19:15	NN	n/a	n/a	GLA3008
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.7	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	95%		63-139%	
540-36-3	1,4-Difluorobenzene	85%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS-5	Date Sampled:	05/05/20
Lab Sample ID:	LA63671-5	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	89.1
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0064604.D	1	05/12/20 20:23	PJ	n/a	n/a	V2H2549
Run #2	1X0103086.D	1	05/13/20 14:30	CP	n/a	n/a	V1X4234

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.2 g		
Run #2	5.2 g	5.0 ml	100 ul

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.054	mg/kg	
71-43-2	Benzene	0.00075	0.00054	mg/kg	
108-86-1	Bromobenzene	ND	0.0011	mg/kg	
74-97-5	Bromochloromethane	ND	0.0011	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0054	mg/kg	
135-98-8	sec-Butylbenzene	0.0076	0.0054	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0011	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0011	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0054	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0054	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0011	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0054	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0011	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0011	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0011	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0011	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0011	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0011	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-5		Date Sampled: 05/05/20
Lab Sample ID: LA63671-5		Date Received: 05/07/20
Matrix: SO - Soil		Percent Solids: 89.1
Method: SW846 8260D		
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0011	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0011	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.43	mg/kg	
100-41-4	Ethylbenzene	0.0035	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.013	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0054	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0054	mg/kg	
99-87-6	p-Isopropyltoluene	0.0394	0.0054	mg/kg	
74-83-9	Methyl Bromide	ND	0.011	mg/kg	
74-87-3	Methyl Chloride	ND	0.0054	mg/kg	
74-95-3	Methylene Bromide	ND	0.0011	mg/kg	
75-09-2	Methylene Chloride	ND	0.0054	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.013	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
91-20-3	Naphthalene	0.193	0.0054	mg/kg	
103-65-1	n-Propylbenzene	0.0093	0.0054	mg/kg	
100-42-5	Styrene	ND	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0011	mg/kg	
108-88-3	Toluene	0.0085	0.0054	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0054	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0054	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0011	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0054	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND ^a	0.30	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	0.135	0.0054	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0054	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0011	mg/kg	
	m,p-Xylene	0.0332	0.0022	mg/kg	
95-47-6	o-Xylene	0.0312	0.0011	mg/kg	
1330-20-7	Xylene (total)	0.0644	0.0022	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	90%	97%	59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-5		
Lab Sample ID: LA63671-5		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 89.1
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	106%	99%	52-159%
460-00-4	4-Bromofluorobenzene	107%	101%	38-183%

(a) Result is from Run# 2

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

3.5
3

Client Sample ID: SS-5		
Lab Sample ID: LA63671-5		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8015C		Percent Solids: 89.1
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380828.D	1	05/13/20 19:38	NN	n/a	n/a	GLA3008
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.60 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.6	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	94%		63-139%	
540-36-3	1,4-Difluorobenzene	88%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-6		
Lab Sample ID: LA63671-6		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 87.9
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	2H0064605.D	1	05/12/20 20:47	PJ	n/a	n/a	V2H2549
Run #2 ^b	2H0064713.D	1	05/13/20 14:04	CP	n/a	n/a	V2H2550

Run #	Initial Weight
Run #1	5.2 g
Run #2	5.3 g

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	0.0616	0.055	mg/kg	
71-43-2	Benzene	0.0022	0.00055	mg/kg	
108-86-1	Bromobenzene	ND	0.0011	mg/kg	
74-97-5	Bromochloromethane	ND	0.0011	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0055	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0055	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0011	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0011	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0055	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0055	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0011	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0055	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0011	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0011	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0011	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0011	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0011	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0011	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-6		Date Sampled: 05/05/20
Lab Sample ID: LA63671-6		Date Received: 05/07/20
Matrix: SO - Soil		Percent Solids: 87.9
Method: SW846 8260D		
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0011	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0011	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.44	mg/kg	
100-41-4	Ethylbenzene	0.0012	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.014	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0055	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0055	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0055	mg/kg	
74-83-9	Methyl Bromide	ND	0.011	mg/kg	
74-87-3	Methyl Chloride	ND	0.0055	mg/kg	
74-95-3	Methylene Bromide	ND	0.0011	mg/kg	
75-09-2	Methylene Chloride	ND	0.0055	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.014	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.014	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
91-20-3	Naphthalene	ND	0.0055	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0055	mg/kg	
100-42-5	Styrene	ND	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0011	mg/kg	
108-88-3	Toluene	ND	0.0055	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0055	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0055	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0011	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0055	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	0.0058	0.0055	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0055	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0055	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0011	mg/kg	
	m,p-Xylene	0.0074	0.0022	mg/kg	
95-47-6	o-Xylene	0.0017	0.0011	mg/kg	
1330-20-7	Xylene (total)	0.0092	0.0022	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	129%	113%	59-143%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-6		
Lab Sample ID: LA63671-6		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 87.9
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	103%	102%	52-159%
460-00-4	4-Bromofluorobenzene	107%	110%	38-183%

- (a) Internal standards are not within control limits due to matrix interference. Confirmed by reanalysis.
- (b) Confirmation run for internal standard areas.

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

3.6
3

Client Sample ID: SS-6 Lab Sample ID: LA63671-6 Matrix: SO - Soil Method: SW846 8015C Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC	Date Sampled: 05/05/20 Date Received: 05/07/20 Percent Solids: 87.9
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380830.D	1	05/13/20 20:01	NN	n/a	n/a	GLA3008
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.30 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.1	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	98%		63-139%	
540-36-3	1,4-Difluorobenzene	89%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS-7	Date Sampled:	05/05/20
Lab Sample ID:	LA63671-7	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	86.3
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0064606.D	1	05/12/20 21:11	PJ	n/a	n/a	V2H2549
Run #2							

Run #	Initial Weight
Run #1	5.4 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.054	mg/kg	
71-43-2	Benzene	0.0030	0.00054	mg/kg	
108-86-1	Bromobenzene	ND	0.0011	mg/kg	
74-97-5	Bromochloromethane	ND	0.0011	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0054	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0054	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0011	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0011	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0054	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0054	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0011	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0054	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0011	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0011	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0011	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0011	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0011	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0011	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS-7	Date Sampled:	05/05/20
Lab Sample ID:	LA63671-7	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	86.3
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0011	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0011	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.43	mg/kg	
100-41-4	Ethylbenzene	0.0020	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.013	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0054	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0054	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0054	mg/kg	
74-83-9	Methyl Bromide	ND	0.011	mg/kg	
74-87-3	Methyl Chloride	ND	0.0054	mg/kg	
74-95-3	Methylene Bromide	ND	0.0011	mg/kg	
75-09-2	Methylene Chloride	ND	0.0054	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.013	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
91-20-3	Naphthalene	ND	0.0054	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0054	mg/kg	
100-42-5	Styrene	ND	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0011	mg/kg	
108-88-3	Toluene	0.0067	0.0054	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0054	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0054	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0011	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0054	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	0.0056	0.0054	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0054	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0054	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0011	mg/kg	
	m,p-Xylene	0.0111	0.0021	mg/kg	
95-47-6	o-Xylene	0.0026	0.0011	mg/kg	
1330-20-7	Xylene (total)	0.0137	0.0021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-7		
Lab Sample ID: LA63671-7		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 86.3
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	108%		52-159%
460-00-4	4-Bromofluorobenzene	103%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

37
3

Client Sample ID: SS-7	Date Sampled: 05/05/20
Lab Sample ID: LA63671-7	Date Received: 05/07/20
Matrix: SO - Soil	Percent Solids: 86.3
Method: SW846 8015C	
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380900.D	1	05/14/20 14:18	NN	n/a	n/a	GLA3010
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.70 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.9	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	108%		63-139%	
540-36-3	1,4-Difluorobenzene	91%		52-140%	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS-8	Date Sampled:	05/05/20
Lab Sample ID:	LA63671-8	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	91.9
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0064607.D	1	05/12/20 21:35	PJ	n/a	n/a	V2H2549
Run #2							

Run #	Initial Weight
Run #1	5.1 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.053	mg/kg	
71-43-2	Benzene	0.00053	0.00053	mg/kg	
108-86-1	Bromobenzene	ND	0.0011	mg/kg	
74-97-5	Bromochloromethane	ND	0.0011	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0053	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0053	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0011	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0011	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0053	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0053	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0011	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0053	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0011	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0011	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0011	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0011	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0011	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0011	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS-8	Date Sampled:	05/05/20
Lab Sample ID:	LA63671-8	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	91.9
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0011	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0011	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.43	mg/kg	
100-41-4	Ethylbenzene	ND	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.013	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0053	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0053	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0053	mg/kg	
74-83-9	Methyl Bromide	ND	0.011	mg/kg	
74-87-3	Methyl Chloride	ND	0.0053	mg/kg	
74-95-3	Methylene Bromide	ND	0.0011	mg/kg	
75-09-2	Methylene Chloride	ND	0.0053	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.013	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
91-20-3	Naphthalene	0.0060	0.0053	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0053	mg/kg	
100-42-5	Styrene	ND	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	0.0020	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0011	mg/kg	
108-88-3	Toluene	0.0058	0.0053	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0053	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0053	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0011	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0053	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	0.0132	0.0053	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	0.0525	0.0053	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0053	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0011	mg/kg	
	m,p-Xylene	0.0032	0.0021	mg/kg	
95-47-6	o-Xylene	0.0030	0.0011	mg/kg	
1330-20-7	Xylene (total)	0.0061	0.0021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-8		Date Sampled: 05/05/20
Lab Sample ID: LA63671-8		Date Received: 05/07/20
Matrix: SO - Soil		Percent Solids: 91.9
Method: SW846 8260D		
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	107%		52-159%
460-00-4	4-Bromofluorobenzene	111%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound



Report of Analysis



Client Sample ID: SS-8		
Lab Sample ID: LA63671-8		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8015C		Percent Solids: 91.9
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380902.D	1	05/14/20 14:41	NN	n/a	n/a	GLA3010
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.9	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	104%		63-139%	
540-36-3	1,4-Difluorobenzene	91%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS-9	Date Sampled:	05/05/20
Lab Sample ID:	LA63671-9	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	92.8
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0064714.D	1	05/13/20 14:29	CP	n/a	n/a	V2H2550
Run #2							

Run #	Initial Weight
Run #1	5.4 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.050	mg/kg	
71-43-2	Benzene	ND	0.00050	mg/kg	
108-86-1	Bromobenzene	ND	0.0010	mg/kg	
74-97-5	Bromochloromethane	ND	0.0010	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0010	mg/kg	
75-25-2	Bromoform	ND	0.0010	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0050	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0050	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0010	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0010	mg/kg	
108-90-7	Chlorobenzene	ND	0.0010	mg/kg	
75-00-3	Chloroethane	ND	0.0010	mg/kg	
67-66-3	Chloroform	ND	0.0010	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0050	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0050	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0010	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0050	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0010	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0010	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0010	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0010	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0010	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0010	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0010	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0010	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0010	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0010	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0010	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0010	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0010	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-9		Date Sampled: 05/05/20
Lab Sample ID: LA63671-9		Date Received: 05/07/20
Matrix: SO - Soil		Percent Solids: 92.8
Method: SW846 8260D		
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0010	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.40	mg/kg	
100-41-4	Ethylbenzene	0.0011	0.0010	mg/kg	
591-78-6	2-Hexanone	ND	0.012	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0050	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0050	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0050	mg/kg	
74-83-9	Methyl Bromide	ND	0.010	mg/kg	
74-87-3	Methyl Chloride	ND	0.0050	mg/kg	
74-95-3	Methylene Bromide	ND	0.0010	mg/kg	
75-09-2	Methylene Chloride	ND	0.0050	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.012	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.012	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	mg/kg	
91-20-3	Naphthalene	0.0055	0.0050	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0050	mg/kg	
100-42-5	Styrene	ND	0.0010	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	0.0020	0.0010	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0010	mg/kg	
108-88-3	Toluene	0.0073	0.0050	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0050	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0050	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	mg/kg	
79-01-6	Trichloroethylene	ND	0.0010	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0010	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0050	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	0.0054	0.0050	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	0.0261	0.0050	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0050	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0010	mg/kg	
	m,p-Xylene	0.0053	0.0020	mg/kg	
95-47-6	o-Xylene	0.0031	0.0010	mg/kg	
1330-20-7	Xylene (total)	0.0084	0.0020	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-9		Date Sampled: 05/05/20
Lab Sample ID: LA63671-9		Date Received: 05/07/20
Matrix: SO - Soil		Percent Solids: 92.8
Method: SW846 8260D		
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	105%		52-159%
460-00-4	4-Bromofluorobenzene	108%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SS-9		
Lab Sample ID: LA63671-9		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8015C		Percent Solids: 92.8
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380904.D	1	05/14/20 15:04	NN	n/a	n/a	GLA3010
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.10 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.7	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	100%		63-139%	
540-36-3	1,4-Difluorobenzene	91%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DISP 3	Date Sampled:	05/06/20
Lab Sample ID:	LA63671-10	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	91.2
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0064609.D	1	05/12/20 22:24	PJ	n/a	n/a	V2H2549
Run #2							

Run #	Initial Weight
Run #1	5.2 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.053	mg/kg	
71-43-2	Benzene	0.00084	0.00053	mg/kg	
108-86-1	Bromobenzene	ND	0.0011	mg/kg	
74-97-5	Bromochloromethane	ND	0.0011	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0053	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0053	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0011	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0011	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0053	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0053	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0011	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0053	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0011	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0011	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0011	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0011	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0011	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0011	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DISP 3	Date Sampled:	05/06/20
Lab Sample ID:	LA63671-10	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	91.2
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0011	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0011	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.42	mg/kg	
100-41-4	Ethylbenzene	ND	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.013	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0053	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0053	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0053	mg/kg	
74-83-9	Methyl Bromide	ND	0.011	mg/kg	
74-87-3	Methyl Chloride	ND	0.0053	mg/kg	
74-95-3	Methylene Bromide	ND	0.0011	mg/kg	
75-09-2	Methylene Chloride	ND	0.0053	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.013	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
91-20-3	Naphthalene	ND	0.0053	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0053	mg/kg	
100-42-5	Styrene	ND	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0011	mg/kg	
108-88-3	Toluene	0.0083	0.0053	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0053	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0053	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0011	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0053	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0053	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0053	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0053	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0011	mg/kg	
	m,p-Xylene	0.0050	0.0021	mg/kg	
95-47-6	o-Xylene	0.0034	0.0011	mg/kg	
1330-20-7	Xylene (total)	0.0085	0.0021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DISP 3	Date Sampled:	05/06/20
Lab Sample ID:	LA63671-10	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	91.2
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	106%		52-159%
460-00-4	4-Bromofluorobenzene	101%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DISP 3		
Lab Sample ID: LA63671-10		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8015C		Percent Solids: 91.2
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380906.D	1	05/14/20 15:26	NN	n/a	n/a	GLA3010
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.10 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.9	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	100%		63-139%	
540-36-3	1,4-Difluorobenzene	91%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DISP 2	Date Sampled:	05/06/20
Lab Sample ID:	LA63671-11	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	90.6
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0064610.D	1	05/12/20 22:48	PJ	n/a	n/a	V2H2549
Run #2							

Run #	Initial Weight
Run #1	5.2 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.053	mg/kg	
71-43-2	Benzene	0.00066	0.00053	mg/kg	
108-86-1	Bromobenzene	ND	0.0011	mg/kg	
74-97-5	Bromochloromethane	ND	0.0011	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0053	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0053	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0011	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0011	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0053	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0053	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0011	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0053	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0011	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0011	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0011	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0011	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0011	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0011	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DISP 2	Date Sampled:	05/06/20
Lab Sample ID:	LA63671-11	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	90.6
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0011	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0011	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.42	mg/kg	
100-41-4	Ethylbenzene	ND	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.013	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0053	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0053	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0053	mg/kg	
74-83-9	Methyl Bromide	ND	0.011	mg/kg	
74-87-3	Methyl Chloride	ND	0.0053	mg/kg	
74-95-3	Methylene Bromide	ND	0.0011	mg/kg	
75-09-2	Methylene Chloride	ND	0.0053	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.013	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
91-20-3	Naphthalene	ND	0.0053	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0053	mg/kg	
100-42-5	Styrene	ND	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0011	mg/kg	
108-88-3	Toluene	0.0068	0.0053	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0053	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0053	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0011	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0053	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0053	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0053	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0053	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0011	mg/kg	
	m,p-Xylene	0.0046	0.0021	mg/kg	
95-47-6	o-Xylene	0.0033	0.0011	mg/kg	
1330-20-7	Xylene (total)	0.0078	0.0021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DISP 2		
Lab Sample ID: LA63671-11		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 90.6
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	108%		52-159%
460-00-4	4-Bromofluorobenzene	106%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DISP 2		
Lab Sample ID: LA63671-11		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8015C		Percent Solids: 90.6
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380908.D	1	05/14/20 15:49	NN	n/a	n/a	GLA3010
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.0	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	99%		63-139%	
540-36-3	1,4-Difluorobenzene	90%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DISP 1	Date Sampled:	05/06/20
Lab Sample ID:	LA63671-12	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	84.2
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0064611.D	1	05/12/20 23:13	PJ	n/a	n/a	V2H2549
Run #2							

Run #	Initial Weight
Run #1	5.2 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.057	mg/kg	
71-43-2	Benzene	0.00099	0.00057	mg/kg	
108-86-1	Bromobenzene	ND	0.0011	mg/kg	
74-97-5	Bromochloromethane	ND	0.0011	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0057	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0057	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0011	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0011	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0057	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0057	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0011	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0057	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0011	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0011	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0011	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0011	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0011	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0011	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DISP 1	Date Sampled:	05/06/20
Lab Sample ID:	LA63671-12	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	84.2
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0011	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0011	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.46	mg/kg	
100-41-4	Ethylbenzene	0.0012	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.014	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0057	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0057	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0057	mg/kg	
74-83-9	Methyl Bromide	ND	0.011	mg/kg	
74-87-3	Methyl Chloride	ND	0.0057	mg/kg	
74-95-3	Methylene Bromide	ND	0.0011	mg/kg	
75-09-2	Methylene Chloride	ND	0.0057	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.014	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.014	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
91-20-3	Naphthalene	ND	0.0057	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0057	mg/kg	
100-42-5	Styrene	ND	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0011	mg/kg	
108-88-3	Toluene	0.0109	0.0057	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0057	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0057	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0011	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0057	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0057	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0057	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0057	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0011	mg/kg	
	m,p-Xylene	0.0098	0.0023	mg/kg	
95-47-6	o-Xylene	0.0066	0.0011	mg/kg	
1330-20-7	Xylene (total)	0.0164	0.0023	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	94%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DISP 1	Date Sampled:	05/06/20
Lab Sample ID:	LA63671-12	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	84.2
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	106%		52-159%
460-00-4	4-Bromofluorobenzene	105%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DISP 1		
Lab Sample ID: LA63671-12		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8015C		Percent Solids: 84.2
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380910.D	1	05/14/20 16:11	NN	n/a	n/a	GLA3010
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.10 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.8	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	100%		63-139%	
540-36-3	1,4-Difluorobenzene	91%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PL-1	Date Sampled:	05/06/20
Lab Sample ID:	LA63671-13	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	91.2
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0064612.D	1	05/12/20 23:37	PJ	n/a	n/a	V2H2549
Run #2							

Run #	Initial Weight
Run #1	5.1 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.054	mg/kg	
71-43-2	Benzene	0.0014	0.00054	mg/kg	
108-86-1	Bromobenzene	ND	0.0011	mg/kg	
74-97-5	Bromochloromethane	ND	0.0011	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0054	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0054	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0011	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0011	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0054	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0054	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0011	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0054	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0011	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0011	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0011	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0011	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0011	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0011	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PL-1	Date Sampled:	05/06/20
Lab Sample ID:	LA63671-13	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	91.2
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0011	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0011	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.43	mg/kg	
100-41-4	Ethylbenzene	ND	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.013	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0054	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0054	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0054	mg/kg	
74-83-9	Methyl Bromide	ND	0.011	mg/kg	
74-87-3	Methyl Chloride	ND	0.0054	mg/kg	
74-95-3	Methylene Bromide	ND	0.0011	mg/kg	
75-09-2	Methylene Chloride	ND	0.0054	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.013	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
91-20-3	Naphthalene	ND	0.0054	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0054	mg/kg	
100-42-5	Styrene	ND	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0011	mg/kg	
108-88-3	Toluene	0.0056	0.0054	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0054	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0054	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0011	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0054	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0054	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0054	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0054	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0011	mg/kg	
	m,p-Xylene	0.0024	0.0021	mg/kg	
95-47-6	o-Xylene	0.0018	0.0011	mg/kg	
1330-20-7	Xylene (total)	0.0041	0.0021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-1		
Lab Sample ID: LA63671-13		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 91.2
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	108%		52-159%
460-00-4	4-Bromofluorobenzene	108%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-1		
Lab Sample ID: LA63671-13		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8015C		Percent Solids: 91.2
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380916.D	1	05/14/20 17:19	NN	n/a	n/a	GLA3010
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.90 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.1	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	100%		63-139%	
540-36-3	1,4-Difluorobenzene	90%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-2		
Lab Sample ID: LA63671-14		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 90.3
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	2H0064613.D	1	05/13/20 00:01	PJ	n/a	n/a	V2H2549

Run #1	Initial Weight
Run #2	5.3 g

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.052	mg/kg	
71-43-2	Benzene	0.0014	0.00052	mg/kg	
108-86-1	Bromobenzene	ND	0.0010	mg/kg	
74-97-5	Bromochloromethane	ND	0.0010	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0010	mg/kg	
75-25-2	Bromoform	ND	0.0010	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0052	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0052	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0010	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0010	mg/kg	
108-90-7	Chlorobenzene	ND	0.0010	mg/kg	
75-00-3	Chloroethane	ND	0.0010	mg/kg	
67-66-3	Chloroform	ND	0.0010	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0052	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0052	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0010	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0052	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0010	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0010	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0010	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0010	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0010	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0010	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0010	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0010	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0010	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0010	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0010	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0010	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0010	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PL-2	Date Sampled:	05/06/20
Lab Sample ID:	LA63671-14	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	90.3
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0010	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.42	mg/kg	
100-41-4	Ethylbenzene	ND	0.0010	mg/kg	
591-78-6	2-Hexanone	ND	0.013	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0052	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0052	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0052	mg/kg	
74-83-9	Methyl Bromide	ND	0.010	mg/kg	
74-87-3	Methyl Chloride	ND	0.0052	mg/kg	
74-95-3	Methylene Bromide	ND	0.0010	mg/kg	
75-09-2	Methylene Chloride	ND	0.0052	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.013	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	mg/kg	
91-20-3	Naphthalene	ND	0.0052	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0052	mg/kg	
100-42-5	Styrene	ND	0.0010	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0010	mg/kg	
108-88-3	Toluene	ND	0.0052	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0052	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0052	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	mg/kg	
79-01-6	Trichloroethylene	ND	0.0010	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0010	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0052	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0052	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0052	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0052	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0010	mg/kg	
	m,p-Xylene	ND	0.0021	mg/kg	
95-47-6	o-Xylene	0.0013	0.0010	mg/kg	
1330-20-7	Xylene (total)	0.0032	0.0021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-2		
Lab Sample ID: LA63671-14		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 90.3
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	105%		52-159%
460-00-4	4-Bromofluorobenzene	107%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-2		
Lab Sample ID: LA63671-14		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8015C		Percent Solids: 90.3
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380918.D	1	05/14/20 17:42	NN	n/a	n/a	GLA3010
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.1	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	99%		63-139%	
540-36-3	1,4-Difluorobenzene	90%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-3		
Lab Sample ID: LA63671-15		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 89.8
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0064614.D	1	05/13/20 00:26	PJ	n/a	n/a	V2H2549
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.056	mg/kg	
71-43-2	Benzene	0.00069	0.00056	mg/kg	
108-86-1	Bromobenzene	ND	0.0011	mg/kg	
74-97-5	Bromochloromethane	ND	0.0011	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0056	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0056	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0011	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0011	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0056	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0056	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0011	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0056	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0011	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0011	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0011	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0011	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0011	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0011	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PL-3	Date Sampled:	05/06/20
Lab Sample ID:	LA63671-15	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	89.8
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0011	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0011	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.45	mg/kg	
100-41-4	Ethylbenzene	ND	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.014	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0056	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0056	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0056	mg/kg	
74-83-9	Methyl Bromide	ND	0.011	mg/kg	
74-87-3	Methyl Chloride	ND	0.0056	mg/kg	
74-95-3	Methylene Bromide	ND	0.0011	mg/kg	
75-09-2	Methylene Chloride	ND	0.0056	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.014	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.014	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
91-20-3	Naphthalene	ND	0.0056	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0056	mg/kg	
100-42-5	Styrene	ND	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0011	mg/kg	
108-88-3	Toluene	ND	0.0056	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0056	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0056	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0011	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0056	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0056	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0056	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0056	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0011	mg/kg	
	m,p-Xylene	ND	0.0022	mg/kg	
95-47-6	o-Xylene	0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	0.0026	0.0022	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-3		
Lab Sample ID: LA63671-15		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 89.8
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	106%		52-159%
460-00-4	4-Bromofluorobenzene	105%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-3		
Lab Sample ID: LA63671-15		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8015C		Percent Solids: 89.8
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380920.D	1	05/14/20 18:06	NN	n/a	n/a	GLA3010
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.80 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.4	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	99%		63-139%	
540-36-3	1,4-Difluorobenzene	90%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-4		
Lab Sample ID: LA63671-16		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 90.7
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0064615.D	1	05/13/20 00:50	PJ	n/a	n/a	V2H2549
Run #2							

Run #	Initial Weight
Run #1	5.2 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.053	mg/kg	
71-43-2	Benzene	ND	0.00053	mg/kg	
108-86-1	Bromobenzene	ND	0.0011	mg/kg	
74-97-5	Bromochloromethane	ND	0.0011	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0053	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0053	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0011	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0011	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0053	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0053	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0011	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0053	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0011	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0011	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0011	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0011	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0011	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0011	mg/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PL-4	Date Sampled:	05/06/20
Lab Sample ID:	LA63671-16	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	90.7
Method:	SW846 8260D		
Project:	Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0011	mg/kg	
108-20-3	Di-Isopropyl Ether	ND	0.0011	mg/kg	
64-17-5	Ethyl Alcohol	ND	0.42	mg/kg	
100-41-4	Ethylbenzene	ND	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.013	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0053	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0053	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0053	mg/kg	
74-83-9	Methyl Bromide	ND	0.011	mg/kg	
74-87-3	Methyl Chloride	ND	0.0053	mg/kg	
74-95-3	Methylene Bromide	ND	0.0011	mg/kg	
75-09-2	Methylene Chloride	ND	0.0053	mg/kg	
78-93-3	Methyl Ethyl Ketone	ND	0.013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.013	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
91-20-3	Naphthalene	ND	0.0053	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0053	mg/kg	
100-42-5	Styrene	ND	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0011	mg/kg	
108-88-3	Toluene	ND	0.0053	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0053	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0053	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0011	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0053	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0053	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0053	mg/kg	
108-05-4	Vinyl Acetate	ND	0.0053	mg/kg	
75-01-4	Vinyl Chloride	ND	0.0011	mg/kg	
	m,p-Xylene	ND	0.0021	mg/kg	
95-47-6	o-Xylene	ND	0.0011	mg/kg	
1330-20-7	Xylene (total)	ND	0.0021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-4		
Lab Sample ID: LA63671-16		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 90.7
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	105%		52-159%
460-00-4	4-Bromofluorobenzene	108%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-4		
Lab Sample ID: LA63671-16		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8015C		Percent Solids: 90.7
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA380922.D	1	05/14/20 18:28	NN	n/a	n/a	GLA3010
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.0	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	100%		63-139%	
540-36-3	1,4-Difluorobenzene	90%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

SGS North America Inc. - Scott
500 Ambassador Caffery Parkway, Scott, LA 70580
TEL: 557.237.4778 FAX: 337.237.7838
www.sgs.com/ENHSTEN

Field Tracking #	State Order Control #
SGS Order #	State Job #

LA63671

Client/Reporting Information		Project Information		Requested Analysis (Select COBE when applicable)												Matrix Codes																																																																																																																																																																																																																																																																																												
Company Name: ATC Group Services		Project Name: Circle K Store # 2723005		<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> 8260B TPH-600 </div> <div> <table border="1"> <tr> <td>U1 - Drinking Water</td> <td>U2 - Ground Water</td> <td>AW - Water</td> <td>SW - Surface Water</td> <td>SO - Soil</td> <td>SL - Sludge</td> <td>SD - Sediment</td> <td>CI - Oil</td> <td>LC - Other Liquid</td> <td>AF - Air</td> <td>SOL - Other Solid</td> <td>AP - Aspc</td> <td>FB - Fisk Blank</td> <td>EB - Equipment Blank</td> <td>RC - Reuse Blank</td> <td>TA - Trip Blank</td> </tr> </table> </div> </div>												U1 - Drinking Water	U2 - Ground Water	AW - Water	SW - Surface Water	SO - Soil	SL - Sludge	SD - Sediment	CI - Oil	LC - Other Liquid	AF - Air	SOL - Other Solid	AP - Aspc	FB - Fisk Blank	EB - Equipment Blank	RC - Reuse Blank	TA - Trip Blank	Matrix Codes U1 - Drinking Water U2 - Ground Water AW - Water SW - Surface Water SO - Soil SL - Sludge SD - Sediment CI - Oil LC - Other Liquid AF - Air SOL - Other Solid AP - Aspc FB - Fisk Blank EB - Equipment Blank RC - Reuse Blank TA - Trip Blank																																																																																																																																																																																																																																																																												
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City: Rol NC 27604		City: Hope Mills NC																																																																																																																																																																																																																																																																																																										
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Phone #: 919-816-0499		Billing Information (If different from Report to):		<table border="1"> <tr> <th>Sample #</th> <th>Field ID / Point of Collection</th> <th>Container</th> <th>Time</th> <th>Temp</th> <th>Sample</th> <th>Notes</th> <th># of Containers</th> <th>TOPI</th> <th>THOP</th> <th>THOB</th> <th>THOC</th> <th>THOD</th> <th>THOE</th> <th>THOF</th> <th>THOG</th> <th>THOH</th> <th>THOI</th> <th>THOJ</th> <th>THOK</th> <th>THOL</th> </tr> <tr> <td>1</td> <td>SS-1</td> <td>G</td> <td>5-5-20</td> <td>1045</td> <td>PB</td> <td>5m</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>SS-2</td> <td></td> <td></td> <td>1100</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>SS-3</td> <td></td> <td></td> <td>1115</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>SS-4</td> <td></td> <td></td> <td>1130</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>SS-5</td> <td></td> <td></td> <td>1145</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>SS-6</td> <td></td> <td></td> <td>1215</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>SS-7</td> <td></td> <td></td> <td>1230</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>SS-8</td> <td></td> <td></td> <td>1245</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td>SS-9</td> <td></td> <td></td> <td>1300</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>Disp 3</td> <td>G</td> <td>5-6-20</td> <td>1130</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td>Disp 2</td> <td></td> <td></td> <td>1145</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>12</td> <td>Disp-1</td> <td></td> <td></td> <td>1200</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>												Sample #	Field ID / Point of Collection	Container	Time	Temp	Sample	Notes	# of Containers	TOPI	THOP	THOB	THOC	THOD	THOE	THOF	THOG	THOH	THOI	THOJ	THOK	THOL	1	SS-1	G	5-5-20	1045	PB	5m	5															2	SS-2			1100																		3	SS-3			1115																		4	SS-4			1130																		5	SS-5			1145																		6	SS-6			1215																		7	SS-7			1230																		8	SS-8			1245																		9	SS-9			1300																		10	Disp 3	G	5-6-20	1130																		11	Disp 2			1145																		12	Disp-1			1200																	
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- Turnaround Time (Business days)
- Standard 10 Business Days
 - 5 Business Days RUSH
 - 4 Business Days RUSH
 - 3 Business Days RUSH
 - 2 Business Days RUSH
 - 1 Business Day EMERGENCY
 - Other

Approved By (SGS PM) / Date: **PLATS VS**

Data Deliverable Information

<input type="checkbox"/> Commercial "A" (Level 1)	<input type="checkbox"/> TRRP
<input type="checkbox"/> Commercial "B" (Level 2)	<input type="checkbox"/> RECAP
<input type="checkbox"/> FULLT1 (Level 3+4)	<input type="checkbox"/> State Forms
<input type="checkbox"/> REDT1 (Level 3+4)	<input type="checkbox"/> EDC Format
<input type="checkbox"/> Commercial "C"	<input type="checkbox"/> Other

Commercial "A" = Results Only
 Commercial "B" = Results + QC Summary
 Commercial "C" = Results + QC Summary + Partial Raw Data

Comments / Special Instructions

Notes: Sample inventory is verified upon receipt in the Laboratory

TF Rates

PREN
Raleigh, NC
Service Center

Emergency & Rush TIA data available via Lablink. Approval needed for RUSH/Emergency IAT

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by: Maureen Jackson	Date / Time: 5/5/20 1135	Received By: TF	Relinquished By: TF	Date / Time: 5/5/20	Received By: Maureen Jackson
Relinquished by: Maureen Jackson	Date / Time: 5/7/20 830	Received By: TF	Relinquished By: TF	Date / Time: 5/7/20	Received By: Maureen Jackson
Relinquished by: Maureen Jackson	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:

On Ice Cooler Temp. **4.5**

Copy of ENBA-QAC-928 (01 FORM-Rev) - Standard CUC-FINAL

http://www.sgs.com/en/terms-en-3-cndn0100





CHAIN OF CUSTODY

SGS North America Inc. - Scott
 500 Ambassador Caffery Parkway, Scott, LA 70155
 TEL: 337.237.4775 FAX: 337.237.7836
 www.sgs.com/en/usa

LA63671

Client Reporting Information		Project Information		Requested Analysis (see TEST CODE sheet)		Matrix Codes	
Company Name ATC Group Services Circle K Store # 2725005		Project Name Circle K Store # 2725005		Requester LA63671		Matrix Codes	
Project Address 2725 E. m. Wilbrook Rd Raleigh, NC 27604		Billing Information (if different from Project to) Circle K Store # 2725005		SGS Order #		DW - Drinking Water EW - Effluent Water WW - Wastewater SW - Surface Water SO - Soil SI - Sludge EDS - Sediment OI - Oil LI - Other Liquid AIR - Air SO - Other Solid WP - Waste FB - Field Blank EB - Equipment Blank RB - River Blank TB - Trip Blank	
Project Contact Margaret Jackson		Project Manager Margaret Jackson		SGS Order #		LAB USE ONLY	
Phone # 919-871-0999		Attention		Number of Samples per Bottle 9260 IS TPH-600			
Sample ID / Point of Collection		Cont. Time	Date	Time	Sampled By	Matrix	# of LOTS
13	PL-1	C	5/6/20	12:15	FB	6.45	
14	PL-2			12:30			
15	PL-3			12:45			
16	PL-4			1:00			

Note: Sample inventory is verified upon receipt in the Laboratory

IF Rates

PREM
Raleigh, NC

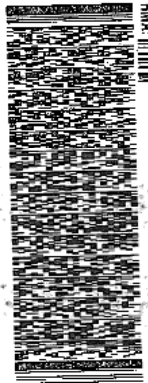
800 Service Center



(1-16) 5-
① 4001 10/11
② 4001 5/11/11
③ 4002 2/11
KX15
15

UNITED STATES
TO: SAMPLE RECEIVING
SGS ACCUTEST LA
109 COMMISSION BLVD
LAFAYETTE LA 70508

HOLD AT FEDEX LOCATION
LAFAYETTE LA 70508
(918) 208-7171
REF: CIRCLE K 272 3005



TRK: 4049 0201 4710

TRK: 4913 8691 4710

RETURNS MON - SAT
PRIORITY OVERNIGHT

THU - 07 MAY 10:30A
PRIORITY OVERNIGHT

XHLETA



70508
LA-15
LFT

FTD 335925 000000 1101 50023/2929/0000

SGS Sample Receipt Summary

Job Number: LA63671

Client: ATC

Project: CIRCLE K

Date / Time Received: 5/7/2020 8:30:00 AM

Delivery Method: FedEx

Airbill #'s: 1491386914710

Cooler Temps (Initial/Adjusted): #1: (4.5/4.5); #1: (4.5/4.5);

Cooler Security

- | | <u>Y or N</u> | | | <u>Y or N</u> | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. SmpI Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Cooler Temperature

- | | <u>Y or N</u> | |
|----------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Thermometer ID: | <u>DV462; DV462;</u> | |
| 3. Cooler media: | <u>Ice (direct contact)</u> | |
| 4. No. Coolers: | <u>1</u> | |

Quality Control Preservation

- | | <u>Y</u> | <u>or</u> | <u>N</u> | <u>N/A</u> |
|---------------------------------|-------------------------------------|--------------------------|-------------------------------------|------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2. Trip Blank listed on COC: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Samples preserved properly: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 4. VOCs headspace free: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |

Comments

Sample Integrity - Documentation

- | | <u>Y or N</u> | |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Sample Integrity - Condition

- | | <u>Y or N</u> | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample: | <u>Intact</u> | |

Sample Integrity - Instructions

- | | <u>Y</u> | <u>or</u> | <u>N</u> | <u>N/A</u> |
|---|-------------------------------------|-------------------------------------|----------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | | <input checked="" type="checkbox"/> |

4.1
4

LA63671: Chain of Custody

Page 4 of 4

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: LA63671
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2549-MB1	2H0064596.D	1	05/12/20	PJ	n/a	n/a	V2H2549

The QC reported here applies to the following samples: Method: SW846 8260D

LA63671-1, LA63671-2, LA63671-3, LA63671-4, LA63671-5, LA63671-6, LA63671-7, LA63671-8, LA63671-10, LA63671-11, LA63671-12, LA63671-13, LA63671-14, LA63671-15, LA63671-16

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	5.8	50	ug/kg	J
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	1.0	ug/kg	
75-27-4	Bromodichloromethane	ND	1.0	ug/kg	
75-25-2	Bromoform	ND	1.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.0	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	1.0	ug/kg	
75-00-3	Chloroethane	ND	1.0	ug/kg	
67-66-3	Chloroform	ND	1.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.0	ug/kg	
64-17-5	Ethyl Alcohol	ND	400	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	

5.1.1
5

Method Blank Summary

Job Number: LA63671
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2549-MB1	2H0064596.D	1	05/12/20	PJ	n/a	n/a	V2H2549

The QC reported here applies to the following samples:

Method: SW846 8260D

LA63671-1, LA63671-2, LA63671-3, LA63671-4, LA63671-5, LA63671-6, LA63671-7, LA63671-8, LA63671-10, LA63671-11, LA63671-12, LA63671-13, LA63671-14, LA63671-15, LA63671-16

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/kg	
74-83-9	Methyl Bromide	ND	10	ug/kg	
74-87-3	Methyl Chloride	ND	5.0	ug/kg	
74-95-3	Methylene Bromide	ND	1.0	ug/kg	
75-09-2	Methylene Chloride	0.68	5.0	ug/kg	J
78-93-3	Methyl Ethyl Ketone	ND	13	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	ug/kg	
100-42-5	Styrene	ND	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	0.45	5.0	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
108-05-4	Vinyl Acetate	ND	5.0	ug/kg	
75-01-4	Vinyl Chloride	ND	1.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	

5.1.1
5

Method Blank Summary

Job Number: LA63671
Account: ATCNCR ATC Group Services LLC
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2549-MB1	2H0064596.D	1	05/12/20	PJ	n/a	n/a	V2H2549

The QC reported here applies to the following samples:

Method: SW846 8260D

LA63671-1, LA63671-2, LA63671-3, LA63671-4, LA63671-5, LA63671-6, LA63671-7, LA63671-8, LA63671-10, LA63671-11, LA63671-12, LA63671-13, LA63671-14, LA63671-15, LA63671-16

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	96% 59-143%
2037-26-5	Toluene-D8	108% 52-159%
460-00-4	4-Bromofluorobenzene	101% 38-183%

5.1.1
5

Method Blank Summary

Job Number: LA63671
Account: ATCNCR ATC Group Services LLC
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1X4234-MB1	1X0103070.D	1	05/13/20	CP	n/a	n/a	V1X4234

The QC reported here applies to the following samples:

Method: SW846 8260D

LA63671-3, LA63671-4, LA63671-5

CAS No.	Compound	Result	RL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	250	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	250	ug/kg	

CAS No.	Surrogate Recoveries	Limits	
17060-07-0	1,2-Dichloroethane-D4	95%	59-143%
2037-26-5	Toluene-D8	99%	52-159%
460-00-4	4-Bromofluorobenzene	102%	38-183%

5.1.2
5

Method Blank Summary

Job Number: LA63671
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2550-MB1	2H0064707.D	1	05/13/20	CP	n/a	n/a	V2H2550

The QC reported here applies to the following samples:

Method: SW846 8260D

LA63671-9

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	26.6	50	ug/kg	J
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	1.0	ug/kg	
75-27-4	Bromodichloromethane	ND	1.0	ug/kg	
75-25-2	Bromoform	ND	1.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.0	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	1.0	ug/kg	
75-00-3	Chloroethane	ND	1.0	ug/kg	
67-66-3	Chloroform	ND	1.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.0	ug/kg	
64-17-5	Ethyl Alcohol	ND	400	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	

5.1.3
5

Method Blank Summary

Job Number: LA63671
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2550-MB1	2H0064707.D	1	05/13/20	CP	n/a	n/a	V2H2550

The QC reported here applies to the following samples:

Method: SW846 8260D

LA63671-9

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/kg	
74-83-9	Methyl Bromide	ND	10	ug/kg	
74-87-3	Methyl Chloride	ND	5.0	ug/kg	
74-95-3	Methylene Bromide	ND	1.0	ug/kg	
75-09-2	Methylene Chloride	0.60	5.0	ug/kg	J
78-93-3	Methyl Ethyl Ketone	ND	13	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	ug/kg	
100-42-5	Styrene	ND	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	0.26	5.0	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
108-05-4	Vinyl Acetate	ND	5.0	ug/kg	
75-01-4	Vinyl Chloride	ND	1.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	

5.1.3
5

Method Blank Summary

Job Number: LA63671
Account: ATCNCR ATC Group Services LLC
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2550-MB1	2H0064707.D	1	05/13/20	CP	n/a	n/a	V2H2550

The QC reported here applies to the following samples:

Method: SW846 8260D

LA63671-9

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	94%	59-143%
2037-26-5	Toluene-D8	104%	52-159%
460-00-4	4-Bromofluorobenzene	103%	38-183%

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA63671
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2549-BS1	2H0064593.D	1	05/12/20	PJ	n/a	n/a	V2H2549
V2H2549-BSD1	2H0064594.D	1	05/12/20	PJ	n/a	n/a	V2H2549

The QC reported here applies to the following samples: Method: SW846 8260D

LA63671-1, LA63671-2, LA63671-3, LA63671-4, LA63671-5, LA63671-6, LA63671-7, LA63671-8, LA63671-10, LA63671-11, LA63671-12, LA63671-13, LA63671-14, LA63671-15, LA63671-16

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	50	81.1	162* a	57.8	116	34*	40-153/30
71-43-2	Benzene	20	21.1	106	20.0	100	5	67-135/30
108-86-1	Bromobenzene	20	20.7	104	18.0	90	14	54-144/30
74-97-5	Bromochloromethane	20	21.3	107	21.9	110	3	50-147/30
75-27-4	Bromodichloromethane	20	21.2	106	20.0	100	6	54-146/30
75-25-2	Bromoform	20	17.0	85	16.0	80	6	49-145/30
104-51-8	n-Butylbenzene	20	18.9	95	17.5	88	8	47-160/30
135-98-8	sec-Butylbenzene	20	19.6	98	18.6	93	5	51-155/30
98-06-6	tert-Butylbenzene	20	20.7	104	19.2	96	8	53-152/30
56-23-5	Carbon Tetrachloride	20	20.7	104	19.7	99	5	50-152/30
108-90-7	Chlorobenzene	20	21.0	105	19.5	98	7	57-144/30
75-00-3	Chloroethane	20	16.7	84	15.6	78	7	38-176/30
67-66-3	Chloroform	20	20.4	102	20.8	104	2	53-147/30
95-49-8	o-Chlorotoluene	20	19.3	97	19.0	95	2	52-151/30
106-43-4	p-Chlorotoluene	20	18.7	94	17.9	90	4	52-150/30
124-48-1	Dibromochloromethane	20	18.6	93	17.3	87	7	54-146/30
96-12-8	1,2-Dibromo-3-chloropropane	20	17.7	89	19.8	99	11	51-145/30
106-93-4	1,2-Dibromoethane	20	22.3	112	20.7	104	7	55-145/30
75-71-8	Dichlorodifluoromethane	20	20.1	101	20.7	104	3	24-179/30
541-73-1	m-Dichlorobenzene	20	18.6	93	18.2	91	2	54-147/30
95-50-1	o-Dichlorobenzene	20	19.5	98	18.5	93	5	55-144/30
106-46-7	p-Dichlorobenzene	20	19.1	96	17.8	89	7	54-147/30
75-34-3	1,1-Dichloroethane	20	21.0	105	20.0	100	5	53-148/30
107-06-2	1,2-Dichloroethane	20	21.0	105	20.3	102	3	55-144/30
75-35-4	1,1-Dichloroethylene	20	20.2	101	20.6	103	2	49-153/30
156-59-2	cis-1,2-Dichloroethylene	20	22.0	110	21.4	107	3	52-147/30
156-60-5	trans-1,2-Dichloroethylene	20	20.8	104	20.1	101	3	51-152/30
78-87-5	1,2-Dichloropropane	20	21.2	106	21.0	105	1	56-145/30
142-28-9	1,3-Dichloropropane	20	21.2	106	19.9	100	6	53-145/30
594-20-7	2,2-Dichloropropane	20	20.4	102	19.7	99	3	35-176/30
563-58-6	1,1-Dichloropropene	20	20.6	103	20.2	101	2	49-157/30
10061-01-5	cis-1,3-Dichloropropene	20	20.8	104	19.9	100	4	54-148/30
10061-02-6	trans-1,3-Dichloropropene	20	18.7	94	17.5	88	7	53-151/30
108-20-3	Di-Isopropyl Ether	20	21.6	108	20.9	105	3	85-120/30
64-17-5	Ethyl Alcohol	400	454	114	330	83	32*	31-164/30
100-41-4	Ethylbenzene	20	21.2	106	19.4	97	9	69-136/30

* = Outside of Control Limits.

5.2.1
5

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA63671
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2549-BS1	2H0064593.D	1	05/12/20	PJ	n/a	n/a	V2H2549
V2H2549-BSD1	2H0064594.D	1	05/12/20	PJ	n/a	n/a	V2H2549

The QC reported here applies to the following samples: Method: SW846 8260D

LA63671-1, LA63671-2, LA63671-3, LA63671-4, LA63671-5, LA63671-6, LA63671-7, LA63671-8, LA63671-10, LA63671-11, LA63671-12, LA63671-13, LA63671-14, LA63671-15, LA63671-16

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	50	49.8	100	52.3	105	5	45-148/30
87-68-3	Hexachlorobutadiene	20	18.3	92	17.6	88	4	48-168/30
98-82-8	Isopropylbenzene	20	20.6	103	19.6	98	5	52-151/30
99-87-6	p-Isopropyltoluene	20	19.6	98	17.6	88	11	50-155/30
74-83-9	Methyl Bromide	20	23.7	119	22.7	114	4	40-170/30
74-87-3	Methyl Chloride	20	21.1	106	20.6	103	2	39-152/30
74-95-3	Methylene Bromide	20	20.8	104	21.3	107	2	53-147/30
75-09-2	Methylene Chloride	20	20.8	104	21.6	108	4	51-142/30
78-93-3	Methyl Ethyl Ketone	50	49.1	98	48.8	98	1	48-150/30
108-10-1	4-Methyl-2-pentanone	50	50.7	101	51.9	104	2	50-151/30
1634-04-4	Methyl Tert Butyl Ether	20	18.9	95	18.9	95	0	61-142/30
91-20-3	Naphthalene	20	20.6	103	19.8	99	4	58-147/30
103-65-1	n-Propylbenzene	20	18.8	94	19.2	96	2	50-154/30
100-42-5	Styrene	20	20.2	101	18.9	95	7	56-145/30
630-20-6	1,1,1,2-Tetrachloroethane	20	18.9	95	18.1	91	4	56-147/30
79-34-5	1,1,2,2-Tetrachloroethane	20	19.9	100	19.5	98	2	55-141/30
127-18-4	Tetrachloroethylene	20	20.7	104	18.8	94	10	54-156/30
108-88-3	Toluene	20	20.3	102	18.9	95	7	71-135/30
87-61-6	1,2,3-Trichlorobenzene	20	20.4	102	18.5	93	10	51-157/30
120-82-1	1,2,4-Trichlorobenzene	20	19.4	97	17.7	89	9	48-163/30
71-55-6	1,1,1-Trichloroethane	20	21.9	110	21.6	108	1	52-153/30
79-00-5	1,1,2-Trichloroethane	20	20.5	103	19.6	98	4	55-144/30
79-01-6	Trichloroethylene	20	21.7	109	19.8	99	9	56-151/30
75-69-4	Trichlorofluoromethane	20	19.4	97	19.8	99	2	36-171/30
96-18-4	1,2,3-Trichloropropane	20	20.3	102	19.0	95	7	45-139/30
95-63-6	1,2,4-Trimethylbenzene	20	20.4	102	18.4	92	10	50-153/30
108-67-8	1,3,5-Trimethylbenzene	20	20.4	102	18.7	94	9	51-153/30
108-05-4	Vinyl Acetate	20	16.5	83	16.4	82	1	23-188/30
75-01-4	Vinyl Chloride	20	20.8	104	21.1	106	1	42-155/30
	m,p-Xylene	40	39.6	99	37.1	93	7	70-140/30
95-47-6	o-Xylene	20	20.9	105	19.0	95	10	70-132/30
1330-20-7	Xylene (total)	60	60.5	101	56.1	94	8	69-138/30

* = Outside of Control Limits.

5.2.1
5

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA63671
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2549-BS1	2H0064593.D	1	05/12/20	PJ	n/a	n/a	V2H2549
V2H2549-BSD1	2H0064594.D	1	05/12/20	PJ	n/a	n/a	V2H2549

The QC reported here applies to the following samples: Method: SW846 8260D

LA63671-1, LA63671-2, LA63671-3, LA63671-4, LA63671-5, LA63671-6, LA63671-7, LA63671-8, LA63671-10, LA63671-11, LA63671-12, LA63671-13, LA63671-14, LA63671-15, LA63671-16

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	103%	104%	59-143%
2037-26-5	Toluene-D8	101%	100%	52-159%
460-00-4	4-Bromofluorobenzene	103%	103%	38-183%

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

5.2.1
5

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA63671

Account: ATCNCR ATC Group Services LLC

Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1X4234-BS1	1X0103066.D	1	05/13/20	CP	n/a	n/a	V1X4234
V1X4234-BSD1	1X0103068.D	1	05/13/20	CP	n/a	n/a	V1X4234

The QC reported here applies to the following samples:

Method: SW846 8260D

LA63671-3, LA63671-4, LA63671-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
95-63-6	1,2,4-Trimethylbenzene	1000	1040	104	1090	109	5	50-153/30
108-67-8	1,3,5-Trimethylbenzene	1000	1030	103	1090	109	6	51-153/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	104%	104%	59-143%
2037-26-5	Toluene-D8	99%	99%	52-159%
460-00-4	4-Bromofluorobenzene	104%	103%	38-183%

* = Outside of Control Limits.

5.2.2
5

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA63671
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2550-BS2	2H0064708.D	1	05/13/20	CP	n/a	n/a	V2H2550
V2H2550-BSD2	2H0064709.D	1	05/13/20	CP	n/a	n/a	V2H2550

The QC reported here applies to the following samples:

Method: SW846 8260D

LA63671-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	50	24.7	49	27.0	54	9	40-153/30
71-43-2	Benzene	20	21.6	108	21.5	108	0	67-135/30
108-86-1	Bromobenzene	20	22.7	114	23.1	116	2	54-144/30
74-97-5	Bromochloromethane	20	20.5	103	22.2	111	8	50-147/30
75-27-4	Bromodichloromethane	20	20.9	105	22.0	110	5	54-146/30
75-25-2	Bromoform	20	16.9	85	19.1	96	12	49-145/30
104-51-8	n-Butylbenzene	20	29.9	150	28.5	143	5	47-160/30
135-98-8	sec-Butylbenzene	20	28.1	141	26.4	132	6	51-155/30
98-06-6	tert-Butylbenzene	20	26.6	133	25.5	128	4	53-152/30
56-23-5	Carbon Tetrachloride	20	21.9	110	21.9	110	0	50-152/30
108-90-7	Chlorobenzene	20	23.4	117	23.5	118	0	57-144/30
75-00-3	Chloroethane	20	14.0	70	13.6	68	3	38-176/30
67-66-3	Chloroform	20	20.1	101	20.9	105	4	53-147/30
95-49-8	o-Chlorotoluene	20	25.5	128	23.7	119	7	52-151/30
106-43-4	p-Chlorotoluene	20	25.0	125	24.5	123	2	52-150/30
124-48-1	Dibromochloromethane	20	18.4	92	19.1	96	4	54-146/30
96-12-8	1,2-Dibromo-3-chloropropane	20	18.7	94	22.1	111	17	51-145/30
106-93-4	1,2-Dibromoethane	20	21.4	107	22.8	114	6	55-145/30
75-71-8	Dichlorodifluoromethane	20	17.7	89	16.0	80	10	24-179/30
541-73-1	m-Dichlorobenzene	20	24.1	121	23.4	117	3	54-147/30
95-50-1	o-Dichlorobenzene	20	22.8	114	21.9	110	4	55-144/30
106-46-7	p-Dichlorobenzene	20	24.4	122	23.6	118	3	54-147/30
75-34-3	1,1-Dichloroethane	20	20.6	103	20.8	104	1	53-148/30
107-06-2	1,2-Dichloroethane	20	21.2	106	20.9	105	1	55-144/30
75-35-4	1,1-Dichloroethylene	20	20.3	102	21.4	107	5	49-153/30
156-59-2	cis-1,2-Dichloroethylene	20	20.9	105	22.2	111	6	52-147/30
156-60-5	trans-1,2-Dichloroethylene	20	22.0	110	21.1	106	4	51-152/30
78-87-5	1,2-Dichloropropane	20	21.0	105	22.5	113	7	56-145/30
142-28-9	1,3-Dichloropropane	20	21.4	107	22.7	114	6	53-145/30
594-20-7	2,2-Dichloropropane	20	21.9	110	21.7	109	1	35-176/30
563-58-6	1,1-Dichloropropene	20	22.0	110	23.1	116	5	49-157/30
10061-01-5	cis-1,3-Dichloropropene	20	21.3	107	22.5	113	5	54-148/30
10061-02-6	trans-1,3-Dichloropropene	20	20.1	101	19.7	99	2	53-151/30
108-20-3	Di-Isopropyl Ether	20	19.7	99	21.5	108	9	85-120/30
64-17-5	Ethyl Alcohol	400	284	71	413	103	37*	31-164/30
100-41-4	Ethylbenzene	20	25.0	125	24.6	123	2	69-136/30

* = Outside of Control Limits.

5.2.3
5

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA63671
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2550-BS2	2H0064708.D	1	05/13/20	CP	n/a	n/a	V2H2550
V2H2550-BSD2	2H0064709.D	1	05/13/20	CP	n/a	n/a	V2H2550

The QC reported here applies to the following samples:

Method: SW846 8260D

LA63671-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	50	49.7	99	52.6	105	6	45-148/30
87-68-3	Hexachlorobutadiene	20	28.5	143	27.2	136	5	48-168/30
98-82-8	Isopropylbenzene	20	25.9	130	25.8	129	0	52-151/30
99-87-6	p-Isopropyltoluene	20	27.8	139	26.6	133	4	50-155/30
74-83-9	Methyl Bromide	20	18.9	95	19.6	98	4	40-170/30
74-87-3	Methyl Chloride	20	18.5	93	19.0	95	3	39-152/30
74-95-3	Methylene Bromide	20	20.2	101	22.4	112	10	53-147/30
75-09-2	Methylene Chloride	20	20.4	102	20.2	101	1	51-142/30
78-93-3	Methyl Ethyl Ketone	50	42.8	86	47.3	95	10	48-150/30
108-10-1	4-Methyl-2-pentanone	50	48.6	97	51.9	104	7	50-151/30
1634-04-4	Methyl Tert Butyl Ether	20	18.6	93	19.6	98	5	61-142/30
91-20-3	Naphthalene	20	21.5	108	22.6	113	5	58-147/30
103-65-1	n-Propylbenzene	20	26.7	134	26.2	131	2	50-154/30
100-42-5	Styrene	20	23.4	117	23.8	119	2	56-145/30
630-20-6	1,1,1,2-Tetrachloroethane	20	19.8	99	20.1	101	2	56-147/30
79-34-5	1,1,2,2-Tetrachloroethane	20	20.0	100	21.6	108	8	55-141/30
127-18-4	Tetrachloroethylene	20	23.9	120	23.6	118	1	54-156/30
108-88-3	Toluene	20	22.0	110	22.0	110	0	71-135/30
87-61-6	1,2,3-Trichlorobenzene	20	22.8	114	22.4	112	2	51-157/30
120-82-1	1,2,4-Trichlorobenzene	20	23.1	116	23.4	117	1	48-163/30
71-55-6	1,1,1-Trichloroethane	20	22.6	113	22.7	114	0	52-153/30
79-00-5	1,1,2-Trichloroethane	20	20.9	105	22.1	111	6	55-144/30
79-01-6	Trichloroethylene	20	22.3	112	22.0	110	1	56-151/30
75-69-4	Trichlorofluoromethane	20	18.9	95	18.5	93	2	36-171/30
96-18-4	1,2,3-Trichloropropane	20	20.2	101	21.5	108	6	45-139/30
95-63-6	1,2,4-Trimethylbenzene	20	25.8	129	25.2	126	2	50-153/30
108-67-8	1,3,5-Trimethylbenzene	20	26.8	134	26.1	131	3	51-153/30
108-05-4	Vinyl Acetate	20	26.5	133	28.4	142	7	23-188/30
75-01-4	Vinyl Chloride	20	19.6	98	19.5	98	1	42-155/30
	m,p-Xylene	40	49.0	123	48.7	122	1	70-140/30
95-47-6	o-Xylene	20	24.2	121	23.7	119	2	70-132/30
1330-20-7	Xylene (total)	60	73.1	122	72.4	121	1	69-138/30

* = Outside of Control Limits.

5.2.3
5

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA63671

Account: ATCNCR ATC Group Services LLC

Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2550-BS2	2H0064708.D	1	05/13/20	CP	n/a	n/a	V2H2550
V2H2550-BSD2	2H0064709.D	1	05/13/20	CP	n/a	n/a	V2H2550

The QC reported here applies to the following samples:

Method: SW846 8260D

LA63671-9

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	97%	104%	59-143%
2037-26-5	Toluene-D8	97%	97%	52-159%
460-00-4	4-Bromofluorobenzene	105%	107%	38-183%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: LA63671
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
LA63671-5MS	1X0103096.D	1	05/13/20	CP	n/a	n/a	V1X4234
LA63671-5MSD	1X0103098.D	1	05/13/20	CP	n/a	n/a	V1X4234
LA63671-5	1X0103086.D	1	05/13/20	CP	n/a	n/a	V1X4234

The QC reported here applies to the following samples:

Method: SW846 8260D

LA63671-3, LA63671-4, LA63671-5

CAS No.	Compound	LA63671-5 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-63-6	1,2,4-Trimethylbenzene	217	2400	2860	110	2400	2660	102	7	90-183/15
108-67-8	1,3,5-Trimethylbenzene	78.2	2400	2630	106	2400	2490	100	5	10-179/14

CAS No.	Surrogate Recoveries	MS	MSD	LA63671-5	Limits
17060-07-0	1,2-Dichloroethane-D4	97%	101%	97%	59-143%
2037-26-5	Toluene-D8	98%	101%	99%	52-159%
460-00-4	4-Bromofluorobenzene	102%	102%	101%	38-183%

* = Outside of Control Limits.

5.3.1
5

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: LA63671
Account: ATCNCR ATC Group Services LLC
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLA3008-MB1	LA380784.D	1	05/13/20	NN	n/a	n/a	GLA3008

The QC reported here applies to the following samples:

Method: SW846 8015C

LA63671-1, LA63671-2, LA63671-3, LA63671-4, LA63671-5, LA63671-6

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	92% 63-139%
540-36-3	1,4-Difluorobenzene	89% 52-140%

6.1.1
6

Method Blank Summary

Job Number: LA63671
Account: ATCNCR ATC Group Services LLC
Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLA3010-MB1	LA380884.D	1	05/14/20	NN	n/a	n/a	GLA3010

The QC reported here applies to the following samples: Method: SW846 8015C

LA63671-7, LA63671-8, LA63671-9, LA63671-10, LA63671-11, LA63671-12, LA63671-13, LA63671-14, LA63671-15, LA63671-16

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Limits	
460-00-4	4-Bromofluorobenzene	97%	63-139%
540-36-3	1,4-Difluorobenzene	89%	52-140%

6.1.2

6

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA63671
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLA3008-BS1	LA380780.D	1	05/13/20	NN	n/a	n/a	GLA3008
GLA3008-BSD1	LA380782.D	1	05/13/20	NN	n/a	n/a	GLA3008

The QC reported here applies to the following samples: Method: SW846 8015C

LA63671-1, LA63671-2, LA63671-3, LA63671-4, LA63671-5, LA63671-6

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	50	56.4	113	53.8	108	5	79-121/6

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	102%	98%	63-139%
540-36-3	1,4-Difluorobenzene	92%	90%	52-140%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA63671
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLA3010-BS1	LA380880.D	1	05/14/20	NN	n/a	n/a	GLA3010
GLA3010-BSD1	LA380882.D	1	05/14/20	NN	n/a	n/a	GLA3010

The QC reported here applies to the following samples: Method: SW846 8015C

LA63671-7, LA63671-8, LA63671-9, LA63671-10, LA63671-11, LA63671-12, LA63671-13, LA63671-14, LA63671-15, LA63671-16

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	50	48.0	96	46.0	92	4	79-121/6

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	96%	96%	63-139%
540-36-3	1,4-Difluorobenzene	91%	92%	52-140%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: LA63671
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
LA63648-6MS	LA380804.D	1	05/13/20	NN	n/a	n/a	GLA3008
LA63648-6MSD	LA380806.D	1	05/13/20	NN	n/a	n/a	GLA3008
LA63648-6	LA380800.D	1	05/13/20	NN	n/a	n/a	GLA3008

The QC reported here applies to the following samples: Method: SW846 8015C

LA63671-1, LA63671-2, LA63671-3, LA63671-4, LA63671-5, LA63671-6

CAS No.	Compound	LA63648-6 mg/kg	Spike Q	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND	100	94.0	94	100	88.5	89	6	79-121/6

CAS No.	Surrogate Recoveries	MS	MSD	LA63648-6	Limits
460-00-4	4-Bromofluorobenzene	96%	95%	97%	63-139%
540-36-3	1,4-Difluorobenzene	86%	87%	87%	52-140%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: LA63671
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
LA63720-1MS	LA380956.D	1	05/15/20	NN	n/a	n/a	GLA3010
LA63720-1MSD	LA380958.D	1	05/15/20	NN	n/a	n/a	GLA3010
LA63720-1	LA380924.D	1	05/14/20	NN	n/a	n/a	GLA3010

The QC reported here applies to the following samples: Method: SW846 8015C

LA63671-7, LA63671-8, LA63671-9, LA63671-10, LA63671-11, LA63671-12, LA63671-13, LA63671-14, LA63671-15, LA63671-16

CAS No.	Compound	LA63720-1 mg/kg	Spike Q	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND	86.2	64.0	74* a	86.2	62.8	73* a	2	79-121/6

CAS No.	Surrogate Recoveries	MS	MSD	LA63720-1	Limits
460-00-4	4-Bromofluorobenzene	101%	102%	101%	63-139%
540-36-3	1,4-Difluorobenzene	95%	95%	92%	52-140%

(a) Outside control limits due to matrix interference. Blank Spike meets acceptance criteria.

* = Outside of Control Limits.

November 1, 2019

Mr. James Brown
State of North Carolina
Department of Environment and Natural Resources
Fayetteville Regional Office
Division of Waste Management – UST Section
225 Green Street, Suite 714, Systel Building
Fayetteville, North Carolina 28301

Re: **UST Closure Report**
Circle K Store #2720481
3458 N. Main Street
Hope Mills, Cumberland County, North Carolina
NCDEQ Facility ID #00-0-0000012308

Dear Mr. Brown:

ATC Associates of North Carolina, P.C. (ATC), on behalf of Circle K Stores, Inc. is submitting this UST Closure Report for the referenced facility. Please feel free to contact me at (919) 561-3893 should you have any questions or comments.

Sincerely,
ATC Associates of North Carolina, P.C.



Maureen A. Jackson, P.G.
Senior Project Manager



**UST Closure Report
Circle K Store #2720481**

**3458 N. Main Street
Hope Mills, Cumberland County, North Carolina
ATC Project No. CIRK0481CL**

Prepared for:
Circle K Stores, Inc.
1100 Situs Court, Suite 100
Raleigh, NC 27606

Prepared by:
ATC Associates of North Carolina, P.C.
609A Piner Road, Suite 115
Wilmington, North Carolina 28409

TABLE OF CONTENTS

1.0	Executive Summary	1
2.0	Site Information.....	2
2.1	Site Identification.....	2
2.2	Contact Information.....	2
2.3	Release Information	2
3.0	History and Characterization	3
4.0	UST Closure	3
4.1	Preparations for UST Closure	4
4.2	Closure Activities.....	4
4.3	Initial Response Actions	4
4.4	Soil Excavation Activities.....	5
4.5	Soil Sampling Procedures	5
4.6	Quality Control Measures	5
4.7	Groundwater Sampling Procedures.....	5
4.8	Laboratory Analytical Results	5
5.0	Free Product Investigation.....	6
6.0	Summary and Conclusions	6

Tables

Table 1	UST Closure Analytical Results
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Figures

Figure 1	Topographic Map
Figure 2	Site Map

Appendices

Appendix A	UST-3, UST-2, and UST-61
Appendix B	Disposal Manifests
Appendix C	Laboratory Report and Chain-of-Custody Documents

1.0 EXECUTIVE SUMMARY

Three 10,000-gallon gasoline underground storage tanks (USTs) and their appurtenances were closed by removal on October 16 and 17, 2019. The UST and their appurtenances were owned by Circle K Stores of Raleigh, North Carolina.

The USTs were located into a single UST basin, located along the southwestern side of the property. Soil samples were subsequently collected from the bottom of the UST basin, beneath the dispensers, and along the product lines. Field screening measurements did not indicate petroleum impacted soils within the UST basin, underneath the dispenser islands, and along sections of the product lines.

The UST basin, product line, and dispenser island soil samples were collected and submitted for analysis by Environmental Protection Agency (EPA) Method 8015C for Total Petroleum Hydrocarbons (TPH) – Gasoline Range Organics (GRO) and EPA Method 8260B. The locations of the soil samples are provided in **Figure 2**.

Laboratory analytical results did not detect TPH-GRO concentrations above the laboratory method detection limits (MDLs) for any of the soil samples collected. Laboratory analytical results of soil samples T-1 and PL-2 detected benzene concentrations above the established Soil-to-Groundwater (STGW) Maximum Contaminant Concentrations (MSCC). Other compound concentrations were detected in the soil samples collected above laboratory MDLs but below established STGW-MSCCs.

It should be noted groundwater was not encountered during UST closure activities.

Based on the current soil analytical results, it appears a release has occurred from the former UST system and its appurtenances.

2.0 SITE INFORMATION

2.1 Site Identification

Date of Report: November 1, 2019
Facility I.D.: 00-0-0000012308 UST Incident Number (if known): N/A
Site Name: Circle K Store #2720481
Site Street Address: 3458 N. Main Street
City/Town: Hope Mills Zip Code: 28348 County: Cumberland
Description of Geographical Data Point (e.g., diesel fill port): UST basin
Location Method (GPS, topographical map, other): mapping software
Latitude (decimal degrees): 34°58'31.62" N, Longitude (decimal degrees): 78°57'04.45" W

2.2 Contact Information

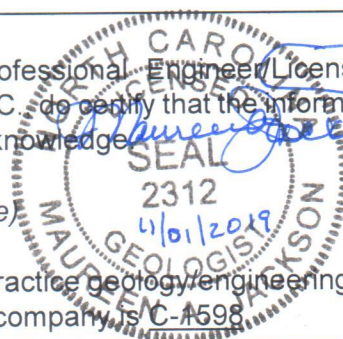
UST Owner: Circle K Stores, Inc.
Address: 1100 Situs Court, Suite 100, Raleigh, NC 27606 Tel.: 919-774-6700
UST Operator: Circle K Stores, Inc.
Address: 1100 Situs Court, Suite 100, Raleigh, NC 27606 Tel.: 919-774-6700
Property Owner: Circle K Stores, Inc.
Address: 1130 W. Warner Road, Building B Tempe, AZ 85284 Tel.: 919-774-6700
Property Occupant: Circle K Stores, Inc.
Address: 1100 Situs Court, Suite 100 Raleigh, NC 27606 Tel.: 919-774-6700
Consultant: ATC Associates of North Carolina, P.C.
Address: 609A Piner Road, Suite 115, Wilmington, NC 28409 Tel.: 919-561-3893
Contractor: Zebra Environmental and Industrial Services
Address: 901 East Springfield Road High Point, NC 27263 Tel.: 336-841-5276
Analytical Laboratory: SGS North America, Inc. State Certification No. 487
Address: 500 Ambassador Caffery, Scott, LA 70583 Tel.: 337-237-4775

2.3 Release Information

Date Discovered: November 1, 2019
Estimated Quantity of Release: Unknown
Cause of Release: UST system and its appurtenances
Source of Release (Dispenser/Piping/UST): UST and Product Line
Sizes and contents of UST system(s) from which the release occurred: Three 10,000-gallon gasoline USTs

I, Maureen A. Jackson, a Professional Engineer/Licensed Geologist (circle one) for ATC Associates of North Carolina, P.C. do certify that the information contained in this report is correct and accurate to the best of my knowledge.

(Please Affix Seal and Signature)



ATC Associates is licensed to practice geology/engineering (circle one or both) in North Carolina. The certification number of the company is C-1598

3.0 HISTORY AND CHARACTERIZATION

The Circle K Store #2720481 (Facility ID No. 0-12308) is currently an inactive retail fuel outlet and convenience store. The site is located at 3458 N. Main Street, Hope Mills, Cumberland County, North Carolina. The site consists of a single-story convenience store with one canopy. Three 10,000-gallon gasoline USTs and their appurtenances were removed from the facility. The cover at the site consists of asphalt and concrete. The site and surrounding areas are within the city limits of Hope Mills. The site is zoned for commercial purposes (C1(P)CZ). The surrounding areas are predominantly commercial and residential. A topographic map is presented as **Figure 1**, and a site map is presented as **Figure 2**. UST system information is summarized on the following table.

UST ID	PRODUCT	CAPACITY (gals.)	MATERIALS	INSTALLATION DATE	UST STATUS	RELEASE ASSOCIATED (Yes/No)
1	Gasoline	10,000	Tank: SW Fiberglass PL: DW Fiberglass	January 1985	Removed	Yes
2	Gasoline	10,000	Tank: SW Fiberglass PL: DW Fiberglass	January 1985	Removed	Yes
3	Gasoline	10,000	Tank: SW Fiberglass PL: DW Fiberglass	January 1985	Removed	Yes

On October 16 and 17, 2019 ATC supervised the removal of three 10,000-gallon gasoline USTs and their appurtenances. The UST and its appurtenances were owned by Circle K. Stores, Inc. of Raleigh, North Carolina. The UST closure activity details are presented below.

4.0 UST CLOSURE

This section presents information regarding the removal of the UST, associated piping, and dispenser.

4.1 Preparations for UST Closure

Prior to the UST closure activities, a Notice of Intent to permanently close the UST system was made to the North Carolina Department of Environmental Quality (NCDEQ) by ATC via a UST-3 form dated October 3, 2019 (**Appendix A**). Post closure information is included on the Site Investigation Report Form (UST-2), which is included in **Appendix A**. On November 1, 2019, upon receipt of the laboratory analytical data, ATC submitted a UST-61: 24-Hour Release and UST Leak Reporting Form via email to NCDEQ (**Appendix A**).

The UST owner removed as much of the remaining product from the USTs as possible prior to the closure activities. Prior to the removal of the USTs from the UST basin, Zebra Environmental and Industrial Services (Zebra), cleaned the tanks and liquid nitrogen was then used to purge the USTs prior to their removal from the ground. A copy of the liquid disposal manifest is provided in **Appendix B**.

4.2 Closure Activities

Closure activities at the Site were conducted on October 16 and 17, 2019. Zebra performed the UST closure activities. The three 10,000-gallon gasoline USTs were in a single UST basin, located along the southwestern property line. Additionally, three gasoline dispensers were located near the intersection of N. Main Street and Rockfish Road. **Figure 1** depicts the topographic map. **Figure 2** depicts the site map. Upon removal from the ground, the USTs were noted to be in fair condition with no noticeable holes.

The dispensers were disconnected from the associated piping, loaded onto a trailer, and transported off-site.

The three 10,000-gallon USTs were loaded onto a flat-bed trailer and hauled off for disposal. The USTs were disposed of at the Ann Street Landfill in Fayetteville, North Carolina. A copy of the disposal manifest is provided in **Appendix B**.

4.3 Initial Response Actions

Other than removal of the USTs, no other initial abatement response actions were performed.

4.4 Soil Excavation Activities

Other than removing overburden soil from the USTs and product lines, soil excavation activities were not conducted during UST closure activities.

4.5 Soil Sampling Procedures

Soil samples were collected from the bottom of the UST basin, under each dispenser, and along the associated product lines (**Figure 2**). Each soil sample collected was placed into zip-lock bags and screened using a PID (**Table 1**). Soil samples from the bottom of the UST basin, under each dispenser, and along the associated product lines were collected using a backhoe bucket.

Twenty (20) soil samples (T-1 through T-9, Disp-1 through Disp-3, and PL-1 through PL-8) were collected from the bottom of the UST basin, under the dispensers, and under the product lines to document environmental conditions. The bottom, product line, and dispenser island soil samples were collected and submitted for analysis by Environmental Protection Agency (EPA) Method 8015C for Total Petroleum Hydrocarbons (TPH) – Gasoline Range Organics (GRO) and EPA Method 8260B. The locations of the soil samples are provided in **Figure 2**.

4.6 Quality Control Measures

The soil samples selected for analyses were properly labeled and placed on ice in a cooler pending transport to SGS North America Inc. (SGS) (NC Certification No. 487). Strict chain-of-custody and sample preservation protocols were observed for shipping and delivering the samples.

4.7 Groundwater Sampling Procedures

Groundwater was not encountered during UST closure activities; therefore, groundwater assessment activities were not performed.

4.8 Laboratory Analytical Results

Laboratory analytical results did not detect TPH-GRO concentrations above the laboratory method detection limits (MDLs) for any of the soil samples collected. Laboratory analytical results of soil samples T-1 and PL-2 detected benzene concentrations above the established Soil-to-Groundwater (STGW) Maximum Contaminant Concentrations (MSCC). Other compound concentrations were

detected in the soil samples collected above laboratory MDLs but below established STGW-MSCCs. **Table 1** provides a summary of the soil analytical results. A copy of the laboratory report is included in **Appendix C**.

5.0 FREE PRODUCT INVESTIGATION

Free product was not identified in the UST basin during closure activities.

6.0 SUMMARY AND CONCLUSIONS

Three 10,000-gallon gasoline underground storage tanks (USTs) and their appurtenances were closed by removal on October 16 and 17, 2019. The UST and their appurtenances were owned by Circle K Stores of Raleigh, North Carolina.

Laboratory analytical results did not detect TPH-GRO concentrations above the laboratory method detection limits (MDLs) for any of the soil samples collected. Laboratory analytical results of soil samples T-1 and PL-2 detected benzene concentrations above the established Soil-to-Groundwater (STGW) Maximum Contaminant Concentrations (MSCC). Other compound concentrations were detected in the soil samples collected above laboratory MDLs but below established STGW-MSCCs.

It should be noted groundwater was not encountered during UST closure activities.

Based on the current soil analytical results, it appears a release has occurred from the former UST system and its appurtenances.

TABLE

**TABLE 1
UST CLOSURE ANALYTICAL RESULTS**

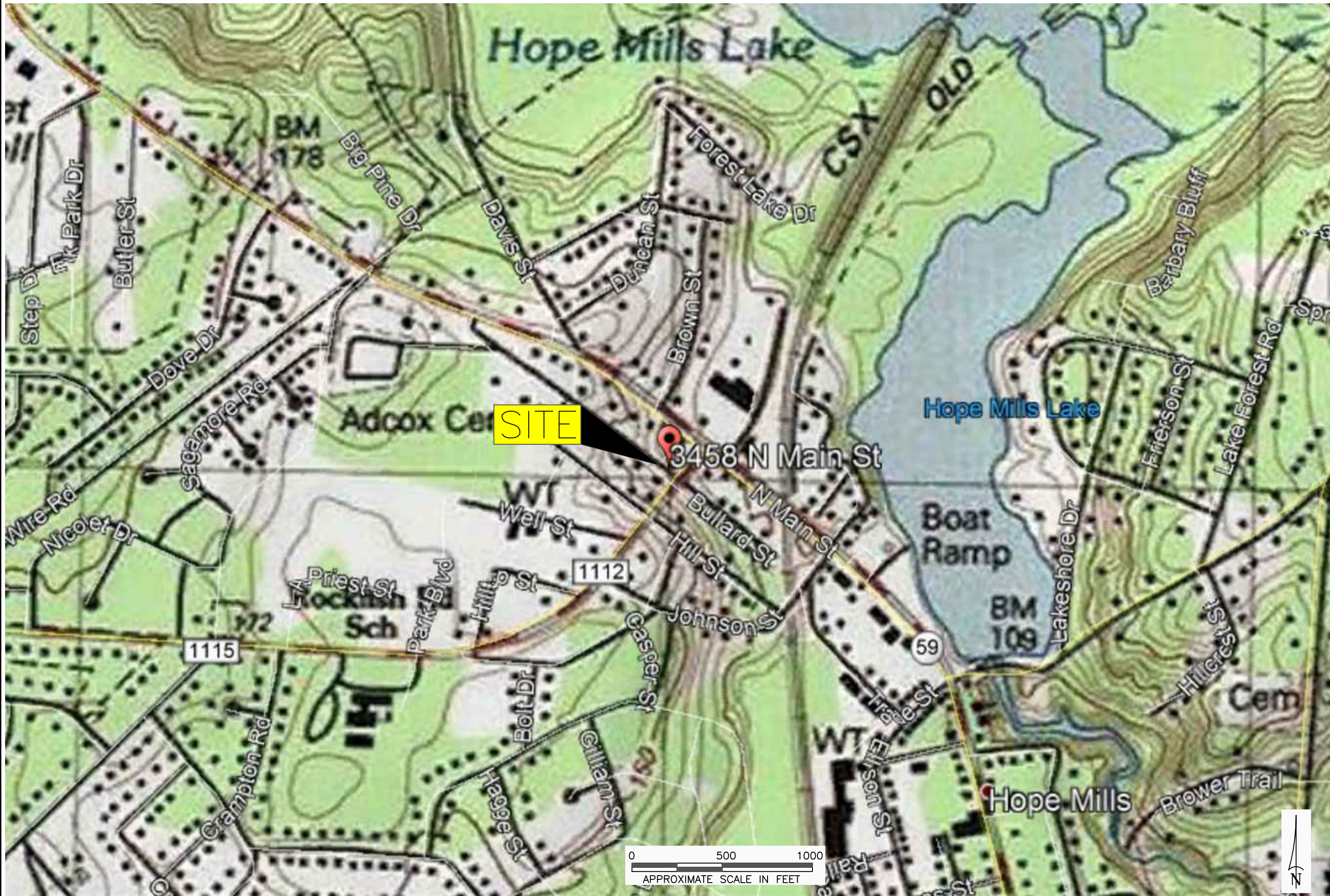
**CIRCLE K STORE #2720481
3458 N. MAIN STREET
HOPE MILLS, CUMBERLAND COUNTY, NORTH CAROLINA
FACILITY ID #00-0-0000012308**

ANALYTICAL METHOD					EPA Method 8015C	EPA METHOD 8260B						
Sample ID	Date Sampled	PID Reading (ppm)	Sample Location	Sample Depth (feet)	TPH-GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	1,2,4-Trimethylbenzene	Acetone	Methyl Ethyl Ketone
T-1	10/16/2019	0.7	UST basin	12	<6.4	0.0059	0.0055	<0.0010	0.0042	<0.0052	<0.052	<0.013
T-2	10/16/2019	2.6	UST basin	12	<8.9	0.0023	<0.0061	<0.0012	<0.0025	<0.0061	0.242	0.0447
T-3	10/16/2019	0.4	UST basin	12	<6.4	0.0010	<0.0054	<0.0011	<0.0022	<0.0054	0.131	0.0236
T-4	10/16/2019	1.8	UST basin	12	<6.1	<0.00053	<0.0053	<0.0011	<0.0021	<0.0053	0.0549	<0.013
T-5	10/16/2019	0.1	UST basin	12	<5.8	<0.00048	<0.0048	<0.00096	<0.0019	<0.0048	0.0513	<0.012
T-6	10/16/2019	4.1	UST basin	12	<5.3	<0.00049	<0.0049	<0.00098	<0.0020	<0.0049	<0.049	<0.012
T-7	10/16/2019	0.7	UST basin	12	<6.7	<0.00061	<0.0061	<0.0012	<0.0024	<0.0061	<0.061	<0.015
T-8	10/16/2019	3.1	UST basin	12	<6.2	<0.00056	<0.0056	<0.0011	<0.0022	<0.0056	0.0650	<0.014
T-9	10/16/2019	2.3	UST basin	12	<5.6	<0.00055	<0.0055	<0.0011	<0.0022	<0.0055	0.0772	<0.014
PL-1	10/16/2019	0.8	Product Line	4	<5.8	<0.00051	<0.0051	<0.0010	0.0026	<0.0051	<0.051	<0.013
PL-2	10/16/2019	4.3	Product Line	4	<11	0.0063	0.0366	0.0050	0.0271	0.0056	<0.054	<0.014
PL-3	10/16/2019	0.3	Product Line	4	<8.1	<0.00053	<0.0053	<0.0011	<0.0021	<0.0053	0.0925	<0.013
PL-4	10/16/2019	0.0	Product Line	4	<7.0	<0.00051	<0.0051	<0.0010	<0.0020	<0.0051	0.0751	<0.013
PL-5	10/16/2019	0.0	Product Line	4	<5.5	<0.00053	<0.0053	<0.0011	<0.0021	<0.0053	0.0587	<0.013
PL-6	10/16/2019	0.7	Product Line	4	<6.4	<0.00053	<0.0053	<0.0011	<0.0021	<0.0053	<0.053	<0.013
PL-7	10/16/2019	0.5	Product Line	4	<6.0	<0.00043	<0.0043	<0.00086	<0.0017	<0.0043	<0.043	<0.011
PL-8	10/16/2019	1.0	Product Line	4	<7.0	<0.00048	<0.0048	<0.00096	<0.0019	<0.0048	0.0509	<0.012
Disp-1	10/16/2019	8.4	Dispenser	4	<6.6	0.00060	<0.0048	<0.00097	0.0048	<0.0048	<0.048	<0.012
Disp-2	10/16/2019	0.2	Dispenser	4	<6.6	0.00092	<0.0055	<0.0011	0.0034	<0.0055	<0.055	<0.014
Disp-3	10/16/2019	0.1	Dispenser	4	<5.6	<0.00064	<0.0064	<0.0013	<0.0026	<0.0064	<0.064	<0.016
NCDEQ State Action Level (mg/kg)					50	--	--	--	--	--	--	--
Soil-to-Groundwater MSCC						0.0056	4.3	4.9	4.6	8.5	24	16
Residential MSCC						18	1,200	1,560	3,129	782	14,000	9,385
Industrial/Commerical MSCC						164	32,000	40,000	81,760	20,440	360,000	245,280

Notes:

1. Concentrations reported in milligrams per kilogram (mg/kg).
2. "<" = not detected at or above the laboratory detection limit.
3. -- denotes analyses not requested to be run on the respective sample.

FIGURES



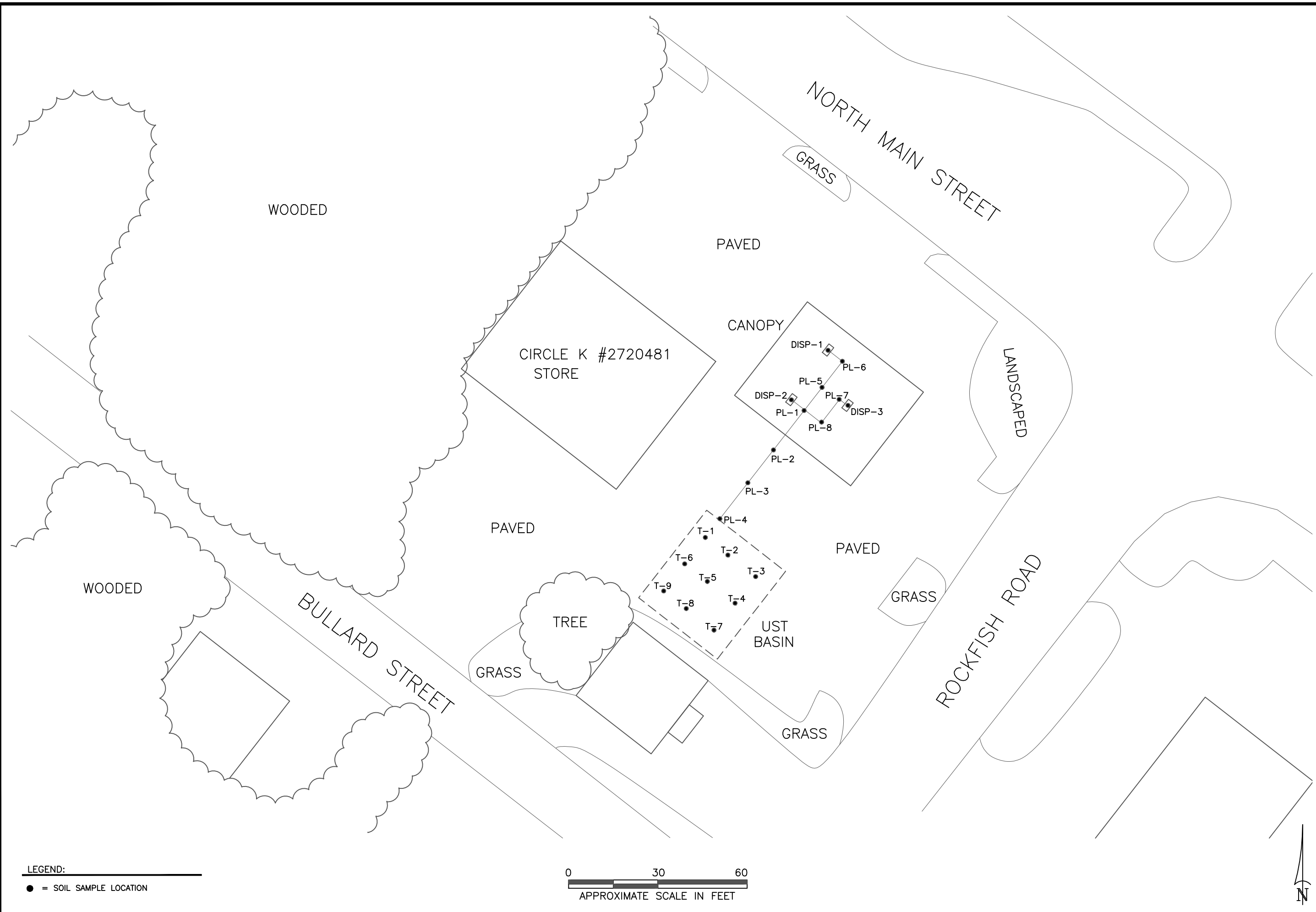
Project Number: CIRK0481CL	Dwn. By: LB
Drawing File:	Ckd. By:
Date: 10/03/19	App'd By: MU
Scale: AS SHOWN	FIGURE 1



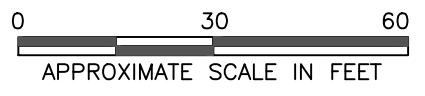
FIGURE 1
TOPOGRAPHIC MAP
 CIRCLE K #2720481
 3458 NORTH MAIN STREET
 HOPE MILLS, NORTH CAROLINA

NOTES:





LEGEND:
 ● = SOIL SAMPLE LOCATION



Project Number: CIRK0481CL	Drn. By: LB
Drawing File:	Chk. By:
Date: 10/25/19	App'd By: MU
Scale: AS SHOWN	FIGURE 2



FIGURE 2
SITE MAP
 CIRCLE K #2720481
 3458 NORTH MAIN STREET
 HOPE MILLS, NORTH CAROLINA

NOTES:

APPENDIX A
UST-3, UST-2, and UST-61

UST-3 Notice of Intent: UST Permanent Closure or Change-in-Service

Return completed form to:

The DWM Regional Office located in the area where the facility is located. Also send a copy to the Central Office in Raleigh. SEE MAP ON THE BACK OF THIS FORM FOR THE CENTRAL AND REGIONAL OFFICE ADDRESSES.

STATE USE ONLY

I.D. # _____

Date Received _____

INSTRUCTIONS (READ THIS FIRST)

Complete and return a UST-3 form at least **thirty (30) days** prior to closure or change-in-service activities.

Completed UST closure or change-in-service site assessment reports, along with a copy of the UST-2A and/or 2B forms, should be submitted to the appropriate Division of Waste Management (DWM) Regional Office within thirty (30) days following closure activities. The UST-2 form should also be submitted to the Central Office in Raleigh so that the status of the tanks may be changed to permanently closed and your tank fee account can be closed out. Note: Tank fees may be due for unregistered tanks.

UST closure and change-in-service site assessments must be completed in accordance with the latest version of the *Guidelines for Site Checks, Tank Closure and Initial Response*. The guidelines can be obtained at <https://deq.nc.gov/about/divisions/waste-management/ust>. Note: To close tanks in place you must obtain prior approval from the DWM Regional office located in the region where the facility is located.

You must make sure that USTs removed from your property are disposed of properly. When choosing a closure contractor, ask where the tank(s) will be taken for disposal. Usually, USTs are cleaned and cut up for scrap metal. This is dangerous work and must be performed by a qualified company. Tanks disposed of illegally in fields or other dumpsites can leak petroleum products and sludge into the environment. If your tanks are disposed of improperly, you could be held responsible for the cleanup of any environmental damage that occurs.

I. OWNERSHIP OF TANKS

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
Circle K Stores, Inc.

Street Address
1100 Situs Court, Suite 100

City Raleigh County Wake

State NC Zip Code 27606

Phone Number 9197746700 Email bpuzak@circlek.com

II. LOCATION

Facility Name or Company
Circle K Store #2720481

Facility ID # (If known)
00-0-0000012308

Street Address
3458 N. Main Street

City Hope Mills County Cumberland Zip Code 28348

Phone Number
N/A

III. CONTACT PERSONNEL

Name: Brent Puzak Company Name: Circle K Stores, Inc. Job Title: Environmental Director Phone Number: 91977467

IV. TANK REMOVAL, CLOSURE IN PLACE, CHANGE-IN SERVICE

- Contact local fire marshal.
- Plan entire closure event.
- Conduct Site Soil Assessment.
- If removing tanks or closing in place, refer to API Publication 2015 *Cleaning Petroleum Storage Tanks* and 1604 *Removal and Disposal of Used Underground Petroleum Storage Tanks*.
- Provide a sketch locating piping, tanks and soil sampling locations.
- Submit a closure report in the format of UST-12 (including the form UST-2) within thirty (30) days following the site investigation.
- If a release from the tanks has occurred, the site assessment portion of the tank closure must be conducted under the supervision of a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G. If a release has not occurred, the supervision, signature or seal of a P.E. or L.G. is not required.
- Keep closure records for three (3) years.

V. WORK TO BE PERFORMED BY

Contractor Name: Jerry Stanley Contractor Company Name: Zebra Environmental
Address: 901 E. Springfield Rd. High Point State: NC Zip Code: 272614 Phone No: 3368415276
Primary Consultant Name: Maureen A. Jackson, P.G. Primary Consultant Company Name: ATC Associates of NC Consultant Phone No: 9195613893

VI. TANKS SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE

Tank ID No.	Size in Gallons	Last Contents	Proposed Activity		
			Closure		Change-In-Service New Contents Stored
			Removal	Abandonment in Place *	
1	10000	Gasoline, Gas Mix	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2	10000	Gasoline, Gas Mix	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3	10000	Gasoline, Gas Mix	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	

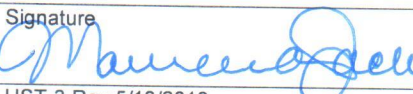
* Prior written approval to abandon a tank in place must be received from a DWM Regional Office.

VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

Has a release from a UST system occurred at this location? Yes No Unknown

I understand that I can be held responsible for environmental damage resulting from the improper disposal of my USTs.

Print name and official title: Maureen A. Jackson, P.G. Sr. Project Manager ATC on behalf of Circle K Stores, Inc.

Signature:  Date Signed: 10/03/2019 SCHEDULED REMOVAL DATE: Week of October 21, 2019 Notify your DWM Regional Office 48 hours before this date if scheduled removal date changes

UST-2A

Site Investigation Report for Permanent Closure or Change-in-Service of REGISTERED UST



Return completed form to:

NC DEQ / DWM / UST SECTION
1646 MAIL SERVICE CENTER
RALEIGH, NC 27699-1646
ATTN: REGISTRATION & PERMITTING

phone (919) 707-8171 fax (919) 715-1117 <http://www.wastenotnc.org/>

Facility ID #

STATE USE ONLY:

Date Received

INSTRUCTIONS (READ THIS FIRST)

- UST permanent closure or change in service must be completed in accordance with the latest version of the *Guidelines for Site Checks, Tank Closure and Initial Response and Abatement*. The guidelines can be obtained at <http://deq.nc.gov/about/divisions/waste-management/waste-management-permit-guidance/underground-storage-tanks-section>.
- Permanent closure:** Complete all sections of this form.
- Change-in-service:** Where a UST system will be converted from storing a regulated substance to a non-regulated substance, complete sections I, II, III, IV, and VI
- For more than 5 registered UST systems, attach additional forms as needed
- Tank Fee Refund:** An annual tank fee may be refunded for a tank for which a tank fee was not required. An owner or operator must submit a written request and include: (1) contact information, (2) federal identification # or SSN, and (3) a copy of UST-2 form. The annual tank fee will be prorated based on the date of permanent closure.
- UNREGISTERED USTs use Form UST-2B

I. OWNERSHIP OF TANKS

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
Circle K Stores, Inc.

Street Address
1100 Situs Court, Suite 100

City Raleigh County Wake

State NC Zip Code 27606

Phone Number
919-774-6700

II. LOCATION OF TANKS

Facility Name or Company
Circle K Store #2720481

Facility ID # (If known)
00-0-0000012308

Street Address
3458 N. Main Street

City Hope Mills County Cumberland Zip Code 28348

Phone Number
N/A

III. CONTACT PERSONNEL

Contact for Facility:
Brent Puzak

Job Title:
Envir. Director

Phone #:
919-774-6700

Closure Contractor Name:
Jerry Stanley

Closure Contractor Company:
Zebra Environmental

Address: 901 E. Springfield Rd
High Point, NC

Phone #
336-841-5276

Primary Consultant Name:
Maureen Jackson

Primary Consultant Company:
ATC Associates

Address: 609A Piner Rd Ste 115
Wilmington, NC

Phone #
919-561-3893

IV. UST INFORMATION FOR REGISTERED UST SYSTEMS UNREGISTERED USTs use Form UST-2B

Tank ID No.	Size in Gallons	Last Contents	Last Use Date	Permanent Close Date	Method of Permanent Closure: Indicate REMOVED or enter fill material, such as foam/ concrete/ sand	Change-in-Service Date	Water in excavation		Free product		Notable odor or visible soil contamination	
							Yes	No	Yes	No	Yes	No
1	10,000	Gasoline	10/11/19	10/16/19	Removed		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	10,000	Gasoline	10/11/19	10/16/19	Removed		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	10,000	Gasoline	10/11/19	10/16/19	Removed		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

V. EXCAVATION CONDITION

VI. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true accurate and complete.

Print name and official title of owner or owner's authorized representative

Maureen A. Jackson, PG Sr. Project Manager ATC on behalf of Circle K Stores

Signature

Date Signed

10/17/2019

UST-61

24-Hour Release and UST Leak Reporting Form.

For Releases in NC

This form should be completed and submitted to the UST Section's regional office following a known or suspected release from an underground storage tank (UST) system. This form is required to be submitted within 24 hours of discovery of a known or suspected release

(DWM USE ONLY)
Incident # _____ Risk (H,I,L,U) _____
Received On _____ Received By _____
Reported by (circle one): Phone, Fax or Report
Region _____

Suspected Contamination? (Y/N) N
Confirmed GW Contamination? (Y/N) N
Confirmed Soil Contamination? (Y/N) Y
Samples Taken? (Y/N) Y
Free Product? (Y/N) N If Yes, State Greatest
Thickness _____

Facility ID Number 00-0-0000012308
Date Leak Discovered 11/1/2019
Comm/Non-Commercial? Comm
Reg/Non-regulated? Reg

INCIDENT DESCRIPTION

Incident Name: Circle K Store #2720481

Address: 3458 N. Main Street

County: Cumberland

City/Town: Hope Mills

Zip Code: 28348

Regional Office (circle one): Asheville, Mooresville, Fayetteville, Raleigh, Washington, Wilmington, Winston-Salem

Latitude (decimal degrees): 34° 58' 31.62" N

Longitude (decimal degrees): 78° 57' 04.45" W

Obtained by:

Briefly describe suspected or confirmed release: (including but not limited to: nature of release, date of release, amount of release, amount of free product present and recovery efforts, initial responses conducted, impacts to receptors)

GPS

Topographic map

GIS Address matching

Other

Unknown

Describe location:

Laboratory analytical results of two soil samples (T-1 and PL-2) collected during UST closure activities detected benzene concentrations slightly above the established Soil-to-Groundwater MSCC. It should be noted TPH-GRO concentrations for these two samples were non-detect and PID readings collected during UST closure activities did not indicate petroleum-related impacts to soil.

HOW RELEASE WAS DISCOVERED (Release Code)

(Check one)

Release Detection Equipment or Methods

During UST Closure/Removal

Property Transfer

Visual/Odor

Water in Tank

Water Supply Well Contamination

Groundwater Contamination

Surface Water Contamination

Other (specify) _____

SOURCE OF CONTAMINATION

Source of Release (Check primary source)

- Tank
- Piping
- Dispenser
- Submersible Turbine Pump
- Delivery Problem
- Spill Bucket
- Other
- Unknown

Cause of Release (Check primary cause)

- Spill
- Overfill
- Corrosion
- Physical/Mechanical Damage
- Install Problem
- Other
- Unknown

Type of Release (Check one)

- Petroleum
- Non-Petroleum
- Both

Location (Check one)

- Facility
- Residence
- Other

Product Type Released (Check primary product type released)

- Gasoline/ Diesel/ Kerosene
- Heating Oil
- Other Petroleum Products
- Metals
- Other Inorganics
- Other Organics
- Diesel/Veg. Oil Blend
- Vegetable Oil 100%
- E10 - E20
- E21 - E84
- E85 - E99
- Ethanol 100%
- E01 - E09

Definitions presented on reverse

Definitions presented on reverse

Ownership

1. Municipal 2. Military 3. Unknown 4. Private 5. Federal 6. County 7. State

Operation Type

1. Public Service 2. Agricultural 3. Residential 4. Education/Relig. 5. Industrial 6. Commercial 7. Mining

IMPACT ON DRINKING WATER SUPPLIES

Water Supply Wells Affected? 1. Yes **2. No** 3. Unknown

Number of Water Supply Wells Affected _____

Water Supply Wells Contaminated: *(Include Users Names, Addresses and Phone Numbers. Attach additional sheet if necessary)*

- 1.
- 2.
- 3.

UST SYSTEM OWNER

UST Owner/Company

Circle K Stores, Inc.

Point of Contact

Brent Puzak, Environmental Director

Address

1100 Situs Court, Suite 100

City

Raleigh

State

NC

Zip Code

27606

Telephone Number

(919) 774-6700

UST SYSTEM OPERATOR

UST Operator/Company

Circle K Stores, Inc.

Address

1100 Situs Court, Suite 100

City

Raleigh

State

NC

Zip Code

27606

Telephone Number

(919) 774-6700

LANDOWNER AT LOCATION OF UST INCIDENT

Landowner

Circle K Stores, Inc.

Address

1130 W. Warner Road, Building B

City

tempe

State

AZ

Zip Code

85284

Telephone Number

(919) 774-6700

Draw Sketch of Area (showing two major road intersections) or Attach Map

Site Map Attached

Person Reporting Incident M. Jackson	Company ATC Associates of NC on behalf of Circle K Stores, Inc.	Telephone Number (919) 561-3893
Title Sr. Project Manager	Address 609A Piner Road, Suite 115 Wilmington, NC 28409	Date November 1, 2019

UST Form 61 (02/19)

Page 2 of 2

Definitions of Sources

Tank: means the tank that stores the product and is part of the underground storage tank system

Piping: means the piping and connectors running from the tank or submersible turbine pump to the dispenser or other end-use equipment (Vent, vapor recovery, or fill lines are excluded.)

Dispenser: includes the dispenser and the equipment used to connect the dispenser to the piping (e.g., a release from a suction pump or from components located above the shear valve)

Submersible Turbine Pump (STP) Area includes the submersible turbine pump head (typically located in the tank sump), the line leak detector, and the piping that connects the submersible turbine pump to the tank

Delivery Problem: identifies releases that occurred during product delivery to the tank. (Typical causes associated with this source are spills and overfills.)

Other: serves as the option to use when the release source is known but does not fit into one of the preceding categories (e.g., for releases from vent lines, vapor recovery lines, and fill lines)

Unknown: identifies releases for which the source has not been determined

Definitions of Causes

Spill: use this cause when a spill occurs (e.g., when the delivery hose is disconnected from the tank fill pipe or when the nozzle is removed from the dispenser)

Overfill: use when an overfill occurs (e.g., overfills may occur from the fill pipe at the tank or when the nozzle fails to shut off at the dispenser)

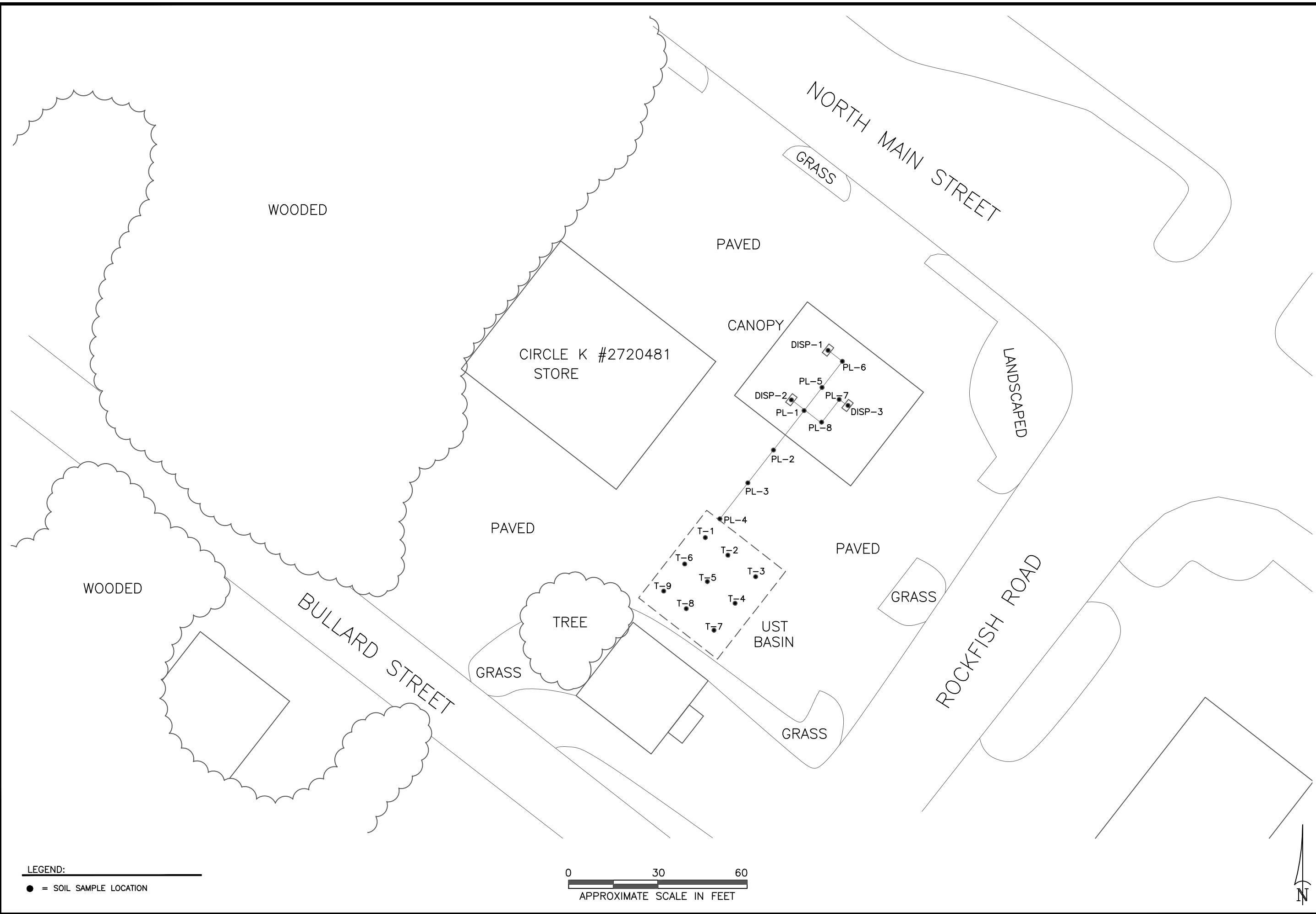
Physical or Mechanical Damage: use for all types of physical or mechanical damage, except corrosion (e.g., puncture of tank or piping, loose fittings, broken components, and components that have changed dimension)

Corrosion: use when a metal tank, piping, or other component has a release due to corrosion (e.g., for steel, corrosion takes the form of rust)

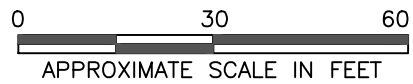
Installation Problem: use when the problem is determined to have occurred specifically because the UST system was not installed properly

Other: use this option when the cause is known but does not fit into one of the preceding categories (e.g., putting regulated substances into monitoring wells)

Unknown: use when the cause has not been determined



LEGEND:
 ● = SOIL SAMPLE LOCATION



Project Number: CIRK0481CL	Drn. By: LB
Drawing File:	Ckd. By:
Date: 10/25/19	App'd By: MU
Scale: AS SHOWN	FIGURE 2



FIGURE 2
SITE MAP
 CIRCLE K #2720481
 3458 NORTH MAIN STREET
 HOPE MILLS, NORTH CAROLINA

NOTES:

APPENDIX B
Disposal Manifests

MATERIAL MANIFEST



EMERGENCY PHONE NO.
(336) 841-5276

POST OFFICE BOX 357
HIGH POINT, NC 27261

TEL (336) 841-5276
FAX (336) 841-5509

Manifest Document No.	001
Page	1 of 1
Zebra Job No.	92498

GENERATOR INFORMATION

Name	Circle K	US EPA ID No.	
Street Address	3458 N. Main St. Hope Mills, NC	Mailing Address	
		Phone No.	919-720-3724
		Contact	Dennis Patterson

DESCRIPTION OF MATERIALS

HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div	UN / NA ID No.	Packing Group	Containers Qty.	Containers Type	Total Quantity	Unit Wt./Vol.
a.	NON HAZARDOUS LIQUIDS NOS.	N/A	N/A	N/A	1	TT	882	C
b.								
c.								

ADDITIONAL INFORMATION	ERG No.	Zebra Profile Code	Facility Use
a. Tank Bottom Liquids for			
b.			
c.			

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name	Signature	Mo. / Day / Yr.
		10-16-19

TRANSPORTER INFORMATION

Transporter	Zebra Environmental & Industrial Services Inc	I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.	
Address	901 East Springfield Road High Point, NC 27263	Signature	10-16-19 Shipment Date
Transporter or EPA ID No.	NCO991302669	Unit No.	UT-3
Phone	(336) 841-5276	Signature	10/16/19 Delivery Date

FACILITY INFORMATION

Facility	Zebra Environmental & Industrial Services, Inc.	I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.	
Address	901 East Springfield Road High Point, NC 27263	Signature	10/16/19 Receipt Date
Facility or EPA ID No.	NCO991302669	Discrepancies / Routing Codes / Handling Methods	
Phone	(336) 841-5276	a.	
Contact	Bill Hunter	b.	
		c.	



Environmental & Industrial Services Inc.

901 East Springfield Road High Point, NC 27263 Phone: 1-336-841-5276 Fax: 1-336-841-5509

Tank Disposal Manifest

Tank Owner/Authorized Representative: Name and Mailing address

CIRCLE K
3458 N. MAIN ST. HOPE MILLS NC

Tank Owner/Authorized Representative: Contact: _____
Phone: _____

Description of Tanks:

<u>Tank No.</u>	<u>Capacity</u>	<u>Previous Contents</u>	<u>Comments</u>
<u>1</u>	<u>10K</u>	<u>PETROLEUM</u>	
<u>2</u>	<u>10K</u>	<u>"</u>	
<u>3</u>	<u>10K</u>	<u>"</u>	

Tank Owner/Authorized Representative Certification: The undersigned certifies that the above listed storage tanks have been removed from the premises of the tank owner.

Signature Printed Name Month/Day/Year

Transporter: The under signed certifies that the above listed storage tanks have been transported to Zebra Environmental & industrial Services Inc, 901 East Springfield Road High Point, NC 27263

Daniel Mehall ^{FOR} DANIEL MEHALLE 10/17/19
Signature Printed Name Month/Day/Year

Disposal Certification: The undersigned certifies that the above-named storage tank(s) have been accepted by the metal recycling facility.

Recycling Facility: ANN ST. LANDFILL FAYETTEVILLE, NC
Daniel Mehall DANIEL MEHALLE 10/17/19
Signature Printed Name Month/Day/Year

APPENDIX C
Laboratory Report and
Chain-of-Custody Documents

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

ATC Group Services LLC

Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

CIRK0481C1

SGS Job Number: LA58706

Sampling Dates: 10/16/19 - 10/17/19



Report to:

ATC Group Services LLC.
2725 East Millbrook Road Suite 121
Raleigh, NC 27604
maureen.jackson@atcgs.com

ATTN: Maureen Jackson

Total number of pages in report: 119



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Ron Benjamin
Ron Benjamin
Lab Director

Client Service contact: Amy Jackson 337-237-4775

Certifications: LDEQ(2048), LDHH(LA150012), AR(14-045-04), AZ(AZ0805), FL(E87657), IL(200082), KY(#31), NC(487), SC(73004001), NJ(LA007), TX(T104704186-18-16), WV(257)

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	5
Section 3: Sample Results	8
3.1: LA58706-1: T-1	9
3.2: LA58706-2: T-2	13
3.3: LA58706-3: T-3	17
3.4: LA58706-4: T-4	21
3.5: LA58706-5: T-5	25
3.6: LA58706-6: T-6	29
3.7: LA58706-7: T-7	33
3.8: LA58706-8: T-8	37
3.9: LA58706-9: T-9	41
3.10: LA58706-10: DISP-1	45
3.11: LA58706-11: PL-1	49
3.12: LA58706-12: PL-2	53
3.13: LA58706-13: PL-3	57
3.14: LA58706-14: PL-4	61
3.15: LA58706-15: PL-5	65
3.16: LA58706-16: PL-6	69
3.17: LA58706-17: DISP-2	73
3.18: LA58706-18: DISP-3	77
3.19: LA58706-19: PL-7	81
3.20: LA58706-20: PL-8	85
Section 4: Misc. Forms	89
4.1: Chain of Custody	90
Section 5: MS Volatiles - QC Data Summaries	94
5.1: Method Blank Summary	95
5.2: Blank Spike/Blank Spike Duplicate Summary	104
5.3: Matrix Spike/Matrix Spike Duplicate Summary	113
Section 6: GC Volatiles - QC Data Summaries	116
6.1: Method Blank Summary	117
6.2: Blank Spike/Blank Spike Duplicate Summary	118
6.3: Matrix Spike/Matrix Spike Duplicate Summary	119



Sample Summary

ATC Group Services LLC

Job No: LA58706

Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Project No: CIRK0481C1

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
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This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the RL

LA58706-1	10/16/19	14:00	FB	10/22/19	SO	Soil	T-1
LA58706-2	10/16/19	14:30	FB	10/22/19	SO	Soil	T-2
LA58706-3	10/16/19	14:40	FB	10/22/19	SO	Soil	T-3
LA58706-4	10/16/19	14:50	FB	10/22/19	SO	Soil	T-4
LA58706-5	10/16/19	14:55	FB	10/22/19	SO	Soil	T-5
LA58706-6	10/16/19	15:00	FB	10/22/19	SO	Soil	T-6
LA58706-7	10/16/19	15:15	FB	10/22/19	SO	Soil	T-7
LA58706-8	10/16/19	15:30	FB	10/22/19	SO	Soil	T-8
LA58706-9	10/16/19	15:45	FB	10/22/19	SO	Soil	T-9
LA58706-10	10/17/19	10:30	FB	10/22/19	SO	Soil	DISP-1
LA58706-11	10/17/19	10:45	FB	10/22/19	SO	Soil	PL-1
LA58706-12	10/17/19	11:00	FB	10/22/19	SO	Soil	PL-2

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



Sample Summary (continued)

ATC Group Services LLC

Job No: LA58706

Circle K#2720481, 3458 N. Main Street, Hope Mills, NC
Project No: CIRK0481C1

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
LA58706-13	10/17/19	11:30	FB	10/22/19	SO Soil	PL-3
LA58706-14	10/17/19	12:00	FB	10/22/19	SO Soil	PL-4
LA58706-15	10/17/19	13:00	FB	10/22/19	SO Soil	PL-5
LA58706-16	10/17/19	13:30	FB	10/22/19	SO Soil	PL-6
LA58706-17	10/17/19	14:00	FB	10/22/19	SO Soil	DISP-2
LA58706-18	10/17/19	15:00	FB	10/22/19	SO Soil	DISP-3
LA58706-19	10/17/19	15:15	FB	10/22/19	SO Soil	PL-7
LA58706-20	10/17/19	15:30	FB	10/22/19	SO Soil	PL-8

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: LA58706
Account: ATC Group Services LLC
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC
Collected: 10/16/19 thru 10/17/19

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
LA58706-1	T-1					
Benzene		5.9	0.52		ug/kg	SW846 8260D
Toluene		5.5	5.2		ug/kg	SW846 8260D
m,p-Xylene		3.1	2.1		ug/kg	SW846 8260D
o-Xylene		1.2	1.0		ug/kg	SW846 8260D
Xylene (total)		4.2	2.1		ug/kg	SW846 8260D
LA58706-2	T-2					
Acetone		242	61		ug/kg	SW846 8260D
Benzene		2.3	0.61		ug/kg	SW846 8260D
Methyl Ethyl Ketone		44.7	15		ug/kg	SW846 8260D
LA58706-3	T-3					
Acetone		131	54		ug/kg	SW846 8260D
Benzene		1.0	0.54		ug/kg	SW846 8260D
Methyl Ethyl Ketone		23.6	13		ug/kg	SW846 8260D
LA58706-4	T-4					
Acetone		54.9	53		ug/kg	SW846 8260D
LA58706-5	T-5					
Acetone		51.3	48		ug/kg	SW846 8260D
LA58706-6	T-6					
No hits reported in this sample.						
LA58706-7	T-7					
No hits reported in this sample.						
LA58706-8	T-8					
Acetone		65.0	56		ug/kg	SW846 8260D
LA58706-9	T-9					
Acetone		77.2	55		ug/kg	SW846 8260D

Summary of Hits

Job Number: LA58706
Account: ATC Group Services LLC
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC
Collected: 10/16/19 thru 10/17/19

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
LA58706-10	DISP-1					
Benzene		0.60	0.48		ug/kg	SW846 8260D
m,p-Xylene		2.8	1.9		ug/kg	SW846 8260D
o-Xylene		1.9	0.97		ug/kg	SW846 8260D
Xylene (total)		4.8	1.9		ug/kg	SW846 8260D
LA58706-11	PL-1					
Xylene (total)		2.6	2.0		ug/kg	SW846 8260D
LA58706-12	PL-2					
Benzene		6.3	0.54		ug/kg	SW846 8260D
Ethylbenzene		5.0	1.1		ug/kg	SW846 8260D
Toluene		36.6	5.4		ug/kg	SW846 8260D
1,2,4-Trimethylbenzene		5.6	5.4		ug/kg	SW846 8260D
m,p-Xylene		19.5	2.2		ug/kg	SW846 8260D
o-Xylene		7.6	1.1		ug/kg	SW846 8260D
Xylene (total)		27.1	2.2		ug/kg	SW846 8260D
LA58706-13	PL-3					
Acetone		92.5	53		ug/kg	SW846 8260D
LA58706-14	PL-4					
Acetone		75.1	51		ug/kg	SW846 8260D
LA58706-15	PL-5					
Acetone		58.7	53		ug/kg	SW846 8260D
LA58706-16	PL-6					
No hits reported in this sample.						
LA58706-17	DISP-2					
Benzene		0.92	0.55		ug/kg	SW846 8260D
m,p-Xylene		2.2	2.2		ug/kg	SW846 8260D
o-Xylene		1.2	1.1		ug/kg	SW846 8260D
Xylene (total)		3.4	2.2		ug/kg	SW846 8260D

Summary of Hits

Job Number: LA58706
Account: ATC Group Services LLC
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC
Collected: 10/16/19 thru 10/17/19

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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LA58706-18 DISP-3

No hits reported in this sample.

LA58706-19 PL-7

No hits reported in this sample.

LA58706-20 PL-8

Acetone	50.9	48			ug/kg	SW846 8260D
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Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: T-1		
Lab Sample ID: LA58706-1		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D		Percent Solids: 82.0
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059418.D	1	10/28/19 20:53	PJ	n/a	n/a	V2H2366
Run #2							

Run #	Initial Weight
Run #1	5.9 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	52	ug/kg	
71-43-2	Benzene	5.9	0.52	ug/kg	
108-86-1	Bromobenzene	ND	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	1.0	ug/kg	
75-27-4	Bromodichloromethane	ND	1.0	ug/kg	
75-25-2	Bromoform	ND	1.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.0	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	1.0	ug/kg	
75-00-3	Chloroethane	ND	1.0	ug/kg	
67-66-3	Chloroform	ND	1.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.2	ug/kg	
124-48-1	Dibromochloromethane	ND	1.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.2	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-1		
Lab Sample ID: LA58706-1		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D		Percent Solids: 82.0
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.0	ug/kg	
64-17-5	Ethyl Alcohol	ND	410	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
591-78-6	2-Hexanone	ND	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.2	ug/kg	
98-82-8	Isopropylbenzene	ND	5.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.2	ug/kg	
74-83-9	Methyl Bromide	ND	10	ug/kg	
74-87-3	Methyl Chloride	ND	5.2	ug/kg	
74-95-3	Methylene Bromide	ND	1.0	ug/kg	
75-09-2	Methylene Chloride	ND	5.2	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	13	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.2	ug/kg	
103-65-1	n-Propylbenzene	ND	5.2	ug/kg	
100-42-5	Styrene	ND	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.0	ug/kg	
108-88-3	Toluene	5.5	5.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.2	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.2	ug/kg	
108-05-4	Vinyl Acetate	ND	5.2	ug/kg	
75-01-4	Vinyl Chloride	ND	1.0	ug/kg	
	m,p-Xylene	3.1	2.1	ug/kg	
95-47-6	o-Xylene	1.2	1.0	ug/kg	
1330-20-7	Xylene (total)	4.2	2.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		59-143%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-1		
Lab Sample ID: LA58706-1		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D		Percent Solids: 82.0
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	104%		52-159%
460-00-4	4-Bromofluorobenzene	99%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

3.1
3

Client Sample ID: T-1 Lab Sample ID: LA58706-1 Matrix: SO - Soil Method: SW846 8015C Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC	Date Sampled: 10/16/19 Date Received: 10/22/19 Percent Solids: 82.0
--	--

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA347973.D	1	10/23/19 14:04	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.80 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.4	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	94%		63-139%	
540-36-3	1,4-Difluorobenzene	87%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-2		
Lab Sample ID: LA58706-2		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D		Percent Solids: 83.1
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059419.D	1	10/28/19 21:18	PJ	n/a	n/a	V2H2366
Run #2							

Run #	Initial Weight
Run #1	4.9 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	242	61	ug/kg	
71-43-2	Benzene	2.3	0.61	ug/kg	
108-86-1	Bromobenzene	ND	1.2	ug/kg	
74-97-5	Bromochloromethane	ND	1.2	ug/kg	
75-27-4	Bromodichloromethane	ND	1.2	ug/kg	
75-25-2	Bromoform	ND	1.2	ug/kg	
104-51-8	n-Butylbenzene	ND	6.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.2	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	1.2	ug/kg	
75-00-3	Chloroethane	ND	1.2	ug/kg	
67-66-3	Chloroform	ND	1.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.1	ug/kg	
124-48-1	Dibromochloromethane	ND	1.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.2	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.2	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.2	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.2	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-2		
Lab Sample ID: LA58706-2		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D		Percent Solids: 83.1
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.2	ug/kg	
64-17-5	Ethyl Alcohol	ND	490	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	ug/kg	
591-78-6	2-Hexanone	ND	15	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.1	ug/kg	
98-82-8	Isopropylbenzene	ND	6.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.1	ug/kg	
74-83-9	Methyl Bromide	ND	12	ug/kg	
74-87-3	Methyl Chloride	ND	6.1	ug/kg	
74-95-3	Methylene Bromide	ND	1.2	ug/kg	
75-09-2	Methylene Chloride	ND	6.1	ug/kg	
78-93-3	Methyl Ethyl Ketone	44.7	15	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	15	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	ug/kg	
91-20-3	Naphthalene	ND	6.1	ug/kg	
103-65-1	n-Propylbenzene	ND	6.1	ug/kg	
100-42-5	Styrene	ND	1.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.2	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.2	ug/kg	
108-88-3	Toluene	ND	6.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.2	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.2	ug/kg	
79-01-6	Trichloroethylene	ND	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.1	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.1	ug/kg	
108-05-4	Vinyl Acetate	ND	6.1	ug/kg	
75-01-4	Vinyl Chloride	ND	1.2	ug/kg	
	m,p-Xylene	ND	2.5	ug/kg	
95-47-6	o-Xylene	ND	1.2	ug/kg	
1330-20-7	Xylene (total)	ND	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	95%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-2		
Lab Sample ID: LA58706-2		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D		Percent Solids: 83.1
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	103%		52-159%
460-00-4	4-Bromofluorobenzene	99%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

32
3

Client Sample ID: T-2	
Lab Sample ID: LA58706-2	Date Sampled: 10/16/19
Matrix: SO - Soil	Date Received: 10/22/19
Method: SW846 8015C	Percent Solids: 83.1
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA347975.D	1	10/23/19 14:27	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	3.80 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	8.9	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	92%		63-139%	
540-36-3	1,4-Difluorobenzene	86%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-3		
Lab Sample ID: LA58706-3		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D		Percent Solids: 92.7
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059420.D	1	10/28/19 21:44	PJ	n/a	n/a	V2H2366
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	131	54	ug/kg	
71-43-2	Benzene	1.0	0.54	ug/kg	
108-86-1	Bromobenzene	ND	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	1.1	ug/kg	
75-27-4	Bromodichloromethane	ND	1.1	ug/kg	
75-25-2	Bromoform	ND	1.1	ug/kg	
104-51-8	n-Butylbenzene	ND	5.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.1	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.1	ug/kg	
75-00-3	Chloroethane	ND	1.1	ug/kg	
67-66-3	Chloroform	ND	1.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.4	ug/kg	
124-48-1	Dibromochloromethane	ND	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.1	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-3		
Lab Sample ID: LA58706-3		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D		Percent Solids: 92.7
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.1	ug/kg	
64-17-5	Ethyl Alcohol	ND	430	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	ug/kg	
591-78-6	2-Hexanone	ND	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.4	ug/kg	
98-82-8	Isopropylbenzene	ND	5.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.4	ug/kg	
74-83-9	Methyl Bromide	ND	11	ug/kg	
74-87-3	Methyl Chloride	ND	5.4	ug/kg	
74-95-3	Methylene Bromide	ND	1.1	ug/kg	
75-09-2	Methylene Chloride	ND	5.4	ug/kg	
78-93-3	Methyl Ethyl Ketone	23.6	13	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	ug/kg	
91-20-3	Naphthalene	ND	5.4	ug/kg	
103-65-1	n-Propylbenzene	ND	5.4	ug/kg	
100-42-5	Styrene	ND	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.1	ug/kg	
108-88-3	Toluene	ND	5.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.4	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.4	ug/kg	
108-05-4	Vinyl Acetate	ND	5.4	ug/kg	
75-01-4	Vinyl Chloride	ND	1.1	ug/kg	
	m,p-Xylene	ND	2.2	ug/kg	
95-47-6	o-Xylene	ND	1.1	ug/kg	
1330-20-7	Xylene (total)	ND	2.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	94%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-3		
Lab Sample ID: LA58706-3		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D		Percent Solids: 92.7
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	103%		52-159%
460-00-4	4-Bromofluorobenzene	99%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-3	Date Sampled: 10/16/19
Lab Sample ID: LA58706-3	Date Received: 10/22/19
Matrix: SO - Soil	Percent Solids: 92.7
Method: SW846 8015C	
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA347977.D	1	10/23/19 14:51	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.50 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.4	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	94%		63-139%	
540-36-3	1,4-Difluorobenzene	86%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-4		
Lab Sample ID: LA58706-4		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 81.8
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059441.D	1	10/29/19 12:38	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	5.8 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	54.9	53	ug/kg	
71-43-2	Benzene	ND	0.53	ug/kg	
108-86-1	Bromobenzene	ND	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	1.1	ug/kg	
75-27-4	Bromodichloromethane	ND	1.1	ug/kg	
75-25-2	Bromoform	ND	1.1	ug/kg	
104-51-8	n-Butylbenzene	ND	5.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.1	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.1	ug/kg	
75-00-3	Chloroethane	ND	1.1	ug/kg	
67-66-3	Chloroform	ND	1.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.3	ug/kg	
124-48-1	Dibromochloromethane	ND	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.1	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-4		
Lab Sample ID: LA58706-4		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 81.8
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.1	ug/kg	
64-17-5	Ethyl Alcohol	ND	420	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	ug/kg	
591-78-6	2-Hexanone	ND	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.3	ug/kg	
98-82-8	Isopropylbenzene	ND	5.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.3	ug/kg	
74-83-9	Methyl Bromide	ND	11	ug/kg	
74-87-3	Methyl Chloride	ND	5.3	ug/kg	
74-95-3	Methylene Bromide	ND	1.1	ug/kg	
75-09-2	Methylene Chloride	ND	5.3	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	13	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	ug/kg	
91-20-3	Naphthalene	ND	5.3	ug/kg	
103-65-1	n-Propylbenzene	ND	5.3	ug/kg	
100-42-5	Styrene	ND	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.1	ug/kg	
108-88-3	Toluene	ND	5.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.3	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.3	ug/kg	
108-05-4	Vinyl Acetate	ND	5.3	ug/kg	
75-01-4	Vinyl Chloride	ND	1.1	ug/kg	
	m,p-Xylene	ND	2.1	ug/kg	
95-47-6	o-Xylene	ND	1.1	ug/kg	
1330-20-7	Xylene (total)	ND	2.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	109%		59-143%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-4		
Lab Sample ID: LA58706-4		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 81.8
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	102%		52-159%
460-00-4	4-Bromofluorobenzene	102%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

3.4
3

Client Sample ID: T-4	Date Sampled: 10/16/19
Lab Sample ID: LA58706-4	Date Received: 10/22/19
Matrix: SO - Soil	Percent Solids: 81.8
Method: SW846 8015C	
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA347979.D	1	10/23/19 15:14	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.10 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.1	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	92%		63-139%	
540-36-3	1,4-Difluorobenzene	85%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-5		
Lab Sample ID: LA58706-5		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 81.8
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059522.D	1	10/30/19 15:39	LS	10/22/19 17:00	n/a	V2H2369
Run #2							

Run #	Initial Weight
Run #1	6.4 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	51.3	48	ug/kg	
71-43-2	Benzene	ND	0.48	ug/kg	
108-86-1	Bromobenzene	ND	0.96	ug/kg	
74-97-5	Bromochloromethane	ND	0.96	ug/kg	
75-27-4	Bromodichloromethane	ND	0.96	ug/kg	
75-25-2	Bromoform	ND	0.96	ug/kg	
104-51-8	n-Butylbenzene	ND	4.8	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.8	ug/kg	
98-06-6	tert-Butylbenzene	ND	0.96	ug/kg	
56-23-5	Carbon Tetrachloride	ND	0.96	ug/kg	
108-90-7	Chlorobenzene	ND	0.96	ug/kg	
75-00-3	Chloroethane	ND	0.96	ug/kg	
67-66-3	Chloroform	ND	0.96	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.8	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.8	ug/kg	
124-48-1	Dibromochloromethane	ND	0.96	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.96	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	0.96	ug/kg	
541-73-1	m-Dichlorobenzene	ND	0.96	ug/kg	
95-50-1	o-Dichlorobenzene	ND	0.96	ug/kg	
106-46-7	p-Dichlorobenzene	ND	0.96	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.96	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.96	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	0.96	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.96	ug/kg	
78-87-5	1,2-Dichloropropane	ND	0.96	ug/kg	
142-28-9	1,3-Dichloropropane	ND	0.96	ug/kg	
594-20-7	2,2-Dichloropropane	ND	0.96	ug/kg	
563-58-6	1,1-Dichloropropene	ND	0.96	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.96	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-5		
Lab Sample ID: LA58706-5		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 81.8
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.96	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	0.96	ug/kg	
64-17-5	Ethyl Alcohol	ND	380	ug/kg	
100-41-4	Ethylbenzene	ND	0.96	ug/kg	
591-78-6	2-Hexanone	ND	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.8	ug/kg	
98-82-8	Isopropylbenzene	ND	4.8	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.8	ug/kg	
74-83-9	Methyl Bromide	ND	9.6	ug/kg	
74-87-3	Methyl Chloride	ND	4.8	ug/kg	
74-95-3	Methylene Bromide	ND	0.96	ug/kg	
75-09-2	Methylene Chloride	ND	4.8	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	12	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.96	ug/kg	
91-20-3	Naphthalene	ND	4.8	ug/kg	
103-65-1	n-Propylbenzene	ND	4.8	ug/kg	
100-42-5	Styrene	ND	0.96	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.96	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.96	ug/kg	
127-18-4	Tetrachloroethylene	ND	0.96	ug/kg	
108-88-3	Toluene	ND	4.8	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.96	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.96	ug/kg	
79-01-6	Trichloroethylene	ND	0.96	ug/kg	
75-69-4	Trichlorofluoromethane	ND	0.96	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.8	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	4.8	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.8	ug/kg	
108-05-4	Vinyl Acetate	ND	4.8	ug/kg	
75-01-4	Vinyl Chloride	ND	0.96	ug/kg	
	m,p-Xylene	ND	1.9	ug/kg	
95-47-6	o-Xylene	ND	0.96	ug/kg	
1330-20-7	Xylene (total)	ND	1.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-5		
Lab Sample ID: LA58706-5		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 81.8
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	102%		52-159%
460-00-4	4-Bromofluorobenzene	101%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

3.5
3

Client Sample ID: T-5	
Lab Sample ID: LA58706-5	Date Sampled: 10/16/19
Matrix: SO - Soil	Date Received: 10/22/19
Method: SW846 8015C	Percent Solids: 81.8
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA347981.D	1	10/23/19 15:37	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.50 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.8	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	94%		63-139%	
540-36-3	1,4-Difluorobenzene	87%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-6		
Lab Sample ID: LA58706-6		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 89.3
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059443.D	1	10/29/19 13:28	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	5.7 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	49	ug/kg	
71-43-2	Benzene	ND	0.49	ug/kg	
108-86-1	Bromobenzene	ND	0.98	ug/kg	
74-97-5	Bromochloromethane	ND	0.98	ug/kg	
75-27-4	Bromodichloromethane	ND	0.98	ug/kg	
75-25-2	Bromoform	ND	0.98	ug/kg	
104-51-8	n-Butylbenzene	ND	4.9	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.9	ug/kg	
98-06-6	tert-Butylbenzene	ND	0.98	ug/kg	
56-23-5	Carbon Tetrachloride	ND	0.98	ug/kg	
108-90-7	Chlorobenzene	ND	0.98	ug/kg	
75-00-3	Chloroethane	ND	0.98	ug/kg	
67-66-3	Chloroform	ND	0.98	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.9	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.9	ug/kg	
124-48-1	Dibromochloromethane	ND	0.98	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.98	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	0.98	ug/kg	
541-73-1	m-Dichlorobenzene	ND	0.98	ug/kg	
95-50-1	o-Dichlorobenzene	ND	0.98	ug/kg	
106-46-7	p-Dichlorobenzene	ND	0.98	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.98	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.98	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	0.98	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.98	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.98	ug/kg	
78-87-5	1,2-Dichloropropane	ND	0.98	ug/kg	
142-28-9	1,3-Dichloropropane	ND	0.98	ug/kg	
594-20-7	2,2-Dichloropropane	ND	0.98	ug/kg	
563-58-6	1,1-Dichloropropene	ND	0.98	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.98	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T-6	Date Sampled:	10/16/19
Lab Sample ID:	LA58706-6	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	89.3
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.98	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	0.98	ug/kg	
64-17-5	Ethyl Alcohol	ND	390	ug/kg	
100-41-4	Ethylbenzene	ND	0.98	ug/kg	
591-78-6	2-Hexanone	ND	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.9	ug/kg	
98-82-8	Isopropylbenzene	ND	4.9	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.9	ug/kg	
74-83-9	Methyl Bromide	ND	9.8	ug/kg	
74-87-3	Methyl Chloride	ND	4.9	ug/kg	
74-95-3	Methylene Bromide	ND	0.98	ug/kg	
75-09-2	Methylene Chloride	ND	4.9	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	12	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.98	ug/kg	
91-20-3	Naphthalene	ND	4.9	ug/kg	
103-65-1	n-Propylbenzene	ND	4.9	ug/kg	
100-42-5	Styrene	ND	0.98	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.98	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.98	ug/kg	
127-18-4	Tetrachloroethylene	ND	0.98	ug/kg	
108-88-3	Toluene	ND	4.9	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.98	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.98	ug/kg	
79-01-6	Trichloroethylene	ND	0.98	ug/kg	
75-69-4	Trichlorofluoromethane	ND	0.98	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.9	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	4.9	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.9	ug/kg	
108-05-4	Vinyl Acetate	ND	4.9	ug/kg	
75-01-4	Vinyl Chloride	ND	0.98	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	0.98	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	110%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-6		
Lab Sample ID: LA58706-6		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 89.3
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	100%		52-159%
460-00-4	4-Bromofluorobenzene	99%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

3.6
3

Client Sample ID: T-6	Date Sampled: 10/16/19
Lab Sample ID: LA58706-6	Date Received: 10/22/19
Matrix: SO - Soil	Percent Solids: 89.3
Method: SW846 8015C	
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA347983.D	1	10/23/19 16:00	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.00 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.3	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	93%		63-139%	
540-36-3	1,4-Difluorobenzene	86%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-7		
Lab Sample ID: LA58706-7		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 87.1
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059444.D	1	10/29/19 13:52	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	4.7 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	61	ug/kg	
71-43-2	Benzene	ND	0.61	ug/kg	
108-86-1	Bromobenzene	ND	1.2	ug/kg	
74-97-5	Bromochloromethane	ND	1.2	ug/kg	
75-27-4	Bromodichloromethane	ND	1.2	ug/kg	
75-25-2	Bromoform	ND	1.2	ug/kg	
104-51-8	n-Butylbenzene	ND	6.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.2	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	1.2	ug/kg	
75-00-3	Chloroethane	ND	1.2	ug/kg	
67-66-3	Chloroform	ND	1.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.1	ug/kg	
124-48-1	Dibromochloromethane	ND	1.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.2	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.2	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.2	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.2	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-7		
Lab Sample ID: LA58706-7		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 87.1
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.2	ug/kg	
64-17-5	Ethyl Alcohol	ND	490	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	ug/kg	
591-78-6	2-Hexanone	ND	15	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.1	ug/kg	
98-82-8	Isopropylbenzene	ND	6.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.1	ug/kg	
74-83-9	Methyl Bromide	ND	12	ug/kg	
74-87-3	Methyl Chloride	ND	6.1	ug/kg	
74-95-3	Methylene Bromide	ND	1.2	ug/kg	
75-09-2	Methylene Chloride	ND	6.1	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	15	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	15	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	ug/kg	
91-20-3	Naphthalene	ND	6.1	ug/kg	
103-65-1	n-Propylbenzene	ND	6.1	ug/kg	
100-42-5	Styrene	ND	1.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.2	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.2	ug/kg	
108-88-3	Toluene	ND	6.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.2	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.2	ug/kg	
79-01-6	Trichloroethylene	ND	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.1	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.1	ug/kg	
108-05-4	Vinyl Acetate	ND	6.1	ug/kg	
75-01-4	Vinyl Chloride	ND	1.2	ug/kg	
	m,p-Xylene	ND	2.4	ug/kg	
95-47-6	o-Xylene	ND	1.2	ug/kg	
1330-20-7	Xylene (total)	ND	2.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	110%		59-143%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-7	
Lab Sample ID: LA58706-7	Date Sampled: 10/16/19
Matrix: SO - Soil	Date Received: 10/22/19
Method: SW846 8260D SW846 5035	Percent Solids: 87.1
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC	

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	102%		52-159%
460-00-4	4-Bromofluorobenzene	99%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

37
3

Client Sample ID: T-7	Date Sampled: 10/16/19
Lab Sample ID: LA58706-7	Date Received: 10/22/19
Matrix: SO - Soil	Percent Solids: 87.1
Method: SW846 8015C	
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA347985.D	1	10/23/19 16:22	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.80 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.7	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	94%		63-139%	
540-36-3	1,4-Difluorobenzene	86%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-8		
Lab Sample ID: LA58706-8		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 89.8
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059445.D	1	10/29/19 14:17	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	65.0	56	ug/kg	
71-43-2	Benzene	ND	0.56	ug/kg	
108-86-1	Bromobenzene	ND	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	1.1	ug/kg	
75-27-4	Bromodichloromethane	ND	1.1	ug/kg	
75-25-2	Bromoform	ND	1.1	ug/kg	
104-51-8	n-Butylbenzene	ND	5.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.6	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.1	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.1	ug/kg	
75-00-3	Chloroethane	ND	1.1	ug/kg	
67-66-3	Chloroform	ND	1.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.6	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.6	ug/kg	
124-48-1	Dibromochloromethane	ND	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.1	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-8		
Lab Sample ID: LA58706-8		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 89.8
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.1	ug/kg	
64-17-5	Ethyl Alcohol	ND	450	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	ug/kg	
591-78-6	2-Hexanone	ND	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.6	ug/kg	
98-82-8	Isopropylbenzene	ND	5.6	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.6	ug/kg	
74-83-9	Methyl Bromide	ND	11	ug/kg	
74-87-3	Methyl Chloride	ND	5.6	ug/kg	
74-95-3	Methylene Bromide	ND	1.1	ug/kg	
75-09-2	Methylene Chloride	ND	5.6	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	14	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	ug/kg	
91-20-3	Naphthalene	ND	5.6	ug/kg	
103-65-1	n-Propylbenzene	ND	5.6	ug/kg	
100-42-5	Styrene	ND	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.1	ug/kg	
108-88-3	Toluene	ND	5.6	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.6	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.6	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.6	ug/kg	
108-05-4	Vinyl Acetate	ND	5.6	ug/kg	
75-01-4	Vinyl Chloride	ND	1.1	ug/kg	
	m,p-Xylene	ND	2.2	ug/kg	
95-47-6	o-Xylene	ND	1.1	ug/kg	
1330-20-7	Xylene (total)	ND	2.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	112%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-8		
Lab Sample ID: LA58706-8		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 89.8
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	99%		52-159%
460-00-4	4-Bromofluorobenzene	96%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound



Report of Analysis



Client Sample ID: T-8		Date Sampled: 10/16/19
Lab Sample ID: LA58706-8		Date Received: 10/22/19
Matrix: SO - Soil		Percent Solids: 89.8
Method: SW846 8015C		
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA347993.D	1	10/23/19 17:54	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.90 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.2	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	94%		63-139%	
540-36-3	1,4-Difluorobenzene	86%		52-140%	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T-9	Date Sampled:	10/16/19
Lab Sample ID:	LA58706-9	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	91.6
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059446.D	1	10/29/19 14:42	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	77.2	55	ug/kg	
71-43-2	Benzene	ND	0.55	ug/kg	
108-86-1	Bromobenzene	ND	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	1.1	ug/kg	
75-27-4	Bromodichloromethane	ND	1.1	ug/kg	
75-25-2	Bromoform	ND	1.1	ug/kg	
104-51-8	n-Butylbenzene	ND	5.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.1	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.1	ug/kg	
75-00-3	Chloroethane	ND	1.1	ug/kg	
67-66-3	Chloroform	ND	1.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.5	ug/kg	
124-48-1	Dibromochloromethane	ND	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.1	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-9		
Lab Sample ID: LA58706-9		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 91.6
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.1	ug/kg	
64-17-5	Ethyl Alcohol	ND	440	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	ug/kg	
591-78-6	2-Hexanone	ND	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.5	ug/kg	
98-82-8	Isopropylbenzene	ND	5.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.5	ug/kg	
74-83-9	Methyl Bromide	ND	11	ug/kg	
74-87-3	Methyl Chloride	ND	5.5	ug/kg	
74-95-3	Methylene Bromide	ND	1.1	ug/kg	
75-09-2	Methylene Chloride	ND	5.5	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	14	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	ug/kg	
91-20-3	Naphthalene	ND	5.5	ug/kg	
103-65-1	n-Propylbenzene	ND	5.5	ug/kg	
100-42-5	Styrene	ND	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.1	ug/kg	
108-88-3	Toluene	ND	5.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.5	ug/kg	
108-05-4	Vinyl Acetate	ND	5.5	ug/kg	
75-01-4	Vinyl Chloride	ND	1.1	ug/kg	
	m,p-Xylene	ND	2.2	ug/kg	
95-47-6	o-Xylene	ND	1.1	ug/kg	
1330-20-7	Xylene (total)	ND	2.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	111%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: T-9		
Lab Sample ID: LA58706-9		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 91.6
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	103%		52-159%
460-00-4	4-Bromofluorobenzene	99%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

3.9
3

Client Sample ID: T-9		
Lab Sample ID: LA58706-9		Date Sampled: 10/16/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8015C		Percent Solids: 91.6
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA347995.D	1	10/23/19 18:17	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.30 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.6	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	93%		63-139%	
540-36-3	1,4-Difluorobenzene	85%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DISP-1	Date Sampled:	10/17/19
Lab Sample ID:	LA58706-10	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	81.9
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059447.D	1	10/29/19 15:07	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	6.3 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	48	ug/kg	
71-43-2	Benzene	0.60	0.48	ug/kg	
108-86-1	Bromobenzene	ND	0.97	ug/kg	
74-97-5	Bromochloromethane	ND	0.97	ug/kg	
75-27-4	Bromodichloromethane	ND	0.97	ug/kg	
75-25-2	Bromoform	ND	0.97	ug/kg	
104-51-8	n-Butylbenzene	ND	4.8	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.8	ug/kg	
98-06-6	tert-Butylbenzene	ND	0.97	ug/kg	
56-23-5	Carbon Tetrachloride	ND	0.97	ug/kg	
108-90-7	Chlorobenzene	ND	0.97	ug/kg	
75-00-3	Chloroethane	ND	0.97	ug/kg	
67-66-3	Chloroform	ND	0.97	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.8	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.8	ug/kg	
124-48-1	Dibromochloromethane	ND	0.97	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.97	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	0.97	ug/kg	
541-73-1	m-Dichlorobenzene	ND	0.97	ug/kg	
95-50-1	o-Dichlorobenzene	ND	0.97	ug/kg	
106-46-7	p-Dichlorobenzene	ND	0.97	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.97	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.97	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	0.97	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.97	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.97	ug/kg	
78-87-5	1,2-Dichloropropane	ND	0.97	ug/kg	
142-28-9	1,3-Dichloropropane	ND	0.97	ug/kg	
594-20-7	2,2-Dichloropropane	ND	0.97	ug/kg	
563-58-6	1,1-Dichloropropene	ND	0.97	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.97	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DISP-1	Date Sampled:	10/17/19
Lab Sample ID:	LA58706-10	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	81.9
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.97	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	0.97	ug/kg	
64-17-5	Ethyl Alcohol	ND	390	ug/kg	
100-41-4	Ethylbenzene	ND	0.97	ug/kg	
591-78-6	2-Hexanone	ND	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.8	ug/kg	
98-82-8	Isopropylbenzene	ND	4.8	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.8	ug/kg	
74-83-9	Methyl Bromide	ND	9.7	ug/kg	
74-87-3	Methyl Chloride	ND	4.8	ug/kg	
74-95-3	Methylene Bromide	ND	0.97	ug/kg	
75-09-2	Methylene Chloride	ND	4.8	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	12	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.97	ug/kg	
91-20-3	Naphthalene	ND	4.8	ug/kg	
103-65-1	n-Propylbenzene	ND	4.8	ug/kg	
100-42-5	Styrene	ND	0.97	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.97	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.97	ug/kg	
127-18-4	Tetrachloroethylene	ND	0.97	ug/kg	
108-88-3	Toluene	ND	4.8	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.97	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.97	ug/kg	
79-01-6	Trichloroethylene	ND	0.97	ug/kg	
75-69-4	Trichlorofluoromethane	ND	0.97	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.8	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	4.8	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.8	ug/kg	
108-05-4	Vinyl Acetate	ND	4.8	ug/kg	
75-01-4	Vinyl Chloride	ND	0.97	ug/kg	
	m,p-Xylene	2.8	1.9	ug/kg	
95-47-6	o-Xylene	1.9	0.97	ug/kg	
1330-20-7	Xylene (total)	4.8	1.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DISP-1		
Lab Sample ID: LA58706-10		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 81.9
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	100%		52-159%
460-00-4	4-Bromofluorobenzene	100%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DISP-1	Date Sampled: 10/17/19
Lab Sample ID: LA58706-10	Date Received: 10/22/19
Matrix: SO - Soil	Percent Solids: 81.9
Method: SW846 8015C	
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA347997.D	1	10/23/19 18:40	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.60 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.6	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	94%		63-139%	
540-36-3	1,4-Difluorobenzene	86%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PL-1	Date Sampled:	10/17/19
Lab Sample ID:	LA58706-11	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	83.7
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059448.D	1	10/29/19 15:32	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	5.9 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	51	ug/kg	
71-43-2	Benzene	ND	0.51	ug/kg	
108-86-1	Bromobenzene	ND	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	1.0	ug/kg	
75-27-4	Bromodichloromethane	ND	1.0	ug/kg	
75-25-2	Bromoform	ND	1.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.0	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	1.0	ug/kg	
75-00-3	Chloroethane	ND	1.0	ug/kg	
67-66-3	Chloroform	ND	1.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.1	ug/kg	
124-48-1	Dibromochloromethane	ND	1.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PL-1	Date Sampled:	10/17/19
Lab Sample ID:	LA58706-11	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	83.7
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.0	ug/kg	
64-17-5	Ethyl Alcohol	ND	400	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
591-78-6	2-Hexanone	ND	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.1	ug/kg	
98-82-8	Isopropylbenzene	ND	5.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.1	ug/kg	
74-83-9	Methyl Bromide	ND	10	ug/kg	
74-87-3	Methyl Chloride	ND	5.1	ug/kg	
74-95-3	Methylene Bromide	ND	1.0	ug/kg	
75-09-2	Methylene Chloride	ND	5.1	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	13	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.1	ug/kg	
103-65-1	n-Propylbenzene	ND	5.1	ug/kg	
100-42-5	Styrene	ND	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.0	ug/kg	
108-88-3	Toluene	ND	5.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.1	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.1	ug/kg	
108-05-4	Vinyl Acetate	ND	5.1	ug/kg	
75-01-4	Vinyl Chloride	ND	1.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	2.6	2.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	111%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-1		
Lab Sample ID: LA58706-11		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 83.7
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	102%		52-159%
460-00-4	4-Bromofluorobenzene	96%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-1		
Lab Sample ID: LA58706-11		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8015C		Percent Solids: 83.7
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA347999.D	1	10/23/19 19:03	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.20 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.8	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	92%		63-139%	
540-36-3	1,4-Difluorobenzene	85%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PL-2	Date Sampled:	10/17/19
Lab Sample ID:	LA58706-12	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	84.1
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059449.D	1	10/29/19 15:57	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	5.5 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	54	ug/kg	
71-43-2	Benzene	6.3	0.54	ug/kg	
108-86-1	Bromobenzene	ND	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	1.1	ug/kg	
75-27-4	Bromodichloromethane	ND	1.1	ug/kg	
75-25-2	Bromoform	ND	1.1	ug/kg	
104-51-8	n-Butylbenzene	ND	5.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.1	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.1	ug/kg	
75-00-3	Chloroethane	ND	1.1	ug/kg	
67-66-3	Chloroform	ND	1.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.4	ug/kg	
124-48-1	Dibromochloromethane	ND	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.1	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PL-2	Date Sampled:	10/17/19
Lab Sample ID:	LA58706-12	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	84.1
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.1	ug/kg	
64-17-5	Ethyl Alcohol	ND	430	ug/kg	
100-41-4	Ethylbenzene	5.0	1.1	ug/kg	
591-78-6	2-Hexanone	ND	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.4	ug/kg	
98-82-8	Isopropylbenzene	ND	5.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.4	ug/kg	
74-83-9	Methyl Bromide	ND	11	ug/kg	
74-87-3	Methyl Chloride	ND	5.4	ug/kg	
74-95-3	Methylene Bromide	ND	1.1	ug/kg	
75-09-2	Methylene Chloride	ND	5.4	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	14	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	ug/kg	
91-20-3	Naphthalene	ND	5.4	ug/kg	
103-65-1	n-Propylbenzene	ND	5.4	ug/kg	
100-42-5	Styrene	ND	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.1	ug/kg	
108-88-3	Toluene	36.6	5.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.4	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	5.6	5.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.4	ug/kg	
108-05-4	Vinyl Acetate	ND	5.4	ug/kg	
75-01-4	Vinyl Chloride	ND	1.1	ug/kg	
	m,p-Xylene	19.5	2.2	ug/kg	
95-47-6	o-Xylene	7.6	1.1	ug/kg	
1330-20-7	Xylene (total)	27.1	2.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	109%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-2		
Lab Sample ID: LA58706-12		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 84.1
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	103%		52-159%
460-00-4	4-Bromofluorobenzene	99%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-2		
Lab Sample ID: LA58706-12		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8015C		Percent Solids: 84.1
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA348001.D	1	10/23/19 19:26	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	3.10 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	11	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	93%		63-139%	
540-36-3	1,4-Difluorobenzene	86%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PL-3	Date Sampled:	10/17/19
Lab Sample ID:	LA58706-13	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	92.6
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059450.D	1	10/29/19 16:21	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	5.1 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	92.5	53	ug/kg	
71-43-2	Benzene	ND	0.53	ug/kg	
108-86-1	Bromobenzene	ND	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	1.1	ug/kg	
75-27-4	Bromodichloromethane	ND	1.1	ug/kg	
75-25-2	Bromoform	ND	1.1	ug/kg	
104-51-8	n-Butylbenzene	ND	5.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.1	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.1	ug/kg	
75-00-3	Chloroethane	ND	1.1	ug/kg	
67-66-3	Chloroform	ND	1.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.3	ug/kg	
124-48-1	Dibromochloromethane	ND	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.1	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-3		
Lab Sample ID: LA58706-13		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 92.6
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.1	ug/kg	
64-17-5	Ethyl Alcohol	ND	420	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	ug/kg	
591-78-6	2-Hexanone	ND	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.3	ug/kg	
98-82-8	Isopropylbenzene	ND	5.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.3	ug/kg	
74-83-9	Methyl Bromide	ND	11	ug/kg	
74-87-3	Methyl Chloride	ND	5.3	ug/kg	
74-95-3	Methylene Bromide	ND	1.1	ug/kg	
75-09-2	Methylene Chloride	ND	5.3	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	13	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	ug/kg	
91-20-3	Naphthalene	ND	5.3	ug/kg	
103-65-1	n-Propylbenzene	ND	5.3	ug/kg	
100-42-5	Styrene	ND	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.1	ug/kg	
108-88-3	Toluene	ND	5.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.3	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.3	ug/kg	
108-05-4	Vinyl Acetate	ND	5.3	ug/kg	
75-01-4	Vinyl Chloride	ND	1.1	ug/kg	
	m,p-Xylene	ND	2.1	ug/kg	
95-47-6	o-Xylene	ND	1.1	ug/kg	
1330-20-7	Xylene (total)	ND	2.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	113%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-3		
Lab Sample ID: LA58706-13		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 92.6
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	102%		52-159%
460-00-4	4-Bromofluorobenzene	96%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-3		
Lab Sample ID: LA58706-13		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8015C		Percent Solids: 92.6
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA348003.D	1	10/23/19 19:48	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	3.50 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	8.1	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	94%		63-139%	
540-36-3	1,4-Difluorobenzene	86%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PL-4	Date Sampled:	10/17/19
Lab Sample ID:	LA58706-14	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	89.0
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059451.D	1	10/29/19 16:47	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	5.5 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	75.1	51	ug/kg	
71-43-2	Benzene	ND	0.51	ug/kg	
108-86-1	Bromobenzene	ND	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	1.0	ug/kg	
75-27-4	Bromodichloromethane	ND	1.0	ug/kg	
75-25-2	Bromoform	ND	1.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.0	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	1.0	ug/kg	
75-00-3	Chloroethane	ND	1.0	ug/kg	
67-66-3	Chloroform	ND	1.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.1	ug/kg	
124-48-1	Dibromochloromethane	ND	1.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-4		
Lab Sample ID: LA58706-14		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 89.0
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.0	ug/kg	
64-17-5	Ethyl Alcohol	ND	410	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
591-78-6	2-Hexanone	ND	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.1	ug/kg	
98-82-8	Isopropylbenzene	ND	5.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.1	ug/kg	
74-83-9	Methyl Bromide	ND	10	ug/kg	
74-87-3	Methyl Chloride	ND	5.1	ug/kg	
74-95-3	Methylene Bromide	ND	1.0	ug/kg	
75-09-2	Methylene Chloride	ND	5.1	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	13	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.1	ug/kg	
103-65-1	n-Propylbenzene	ND	5.1	ug/kg	
100-42-5	Styrene	ND	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.0	ug/kg	
108-88-3	Toluene	ND	5.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.1	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.1	ug/kg	
108-05-4	Vinyl Acetate	ND	5.1	ug/kg	
75-01-4	Vinyl Chloride	ND	1.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	113%		59-143%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-4		
Lab Sample ID: LA58706-14		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 89.0
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	101%		52-159%
460-00-4	4-Bromofluorobenzene	93%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-4	Date Sampled: 10/17/19
Lab Sample ID: LA58706-14	Date Received: 10/22/19
Matrix: SO - Soil	Percent Solids: 89.0
Method: SW846 8015C	
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA348005.D	1	10/23/19 20:11	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.40 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	7.0	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	93%		63-139%	
540-36-3	1,4-Difluorobenzene	85%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-5		
Lab Sample ID: LA58706-15		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 90.7
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059452.D	1	10/29/19 17:11	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	5.2 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	58.7	53	ug/kg	
71-43-2	Benzene	ND	0.53	ug/kg	
108-86-1	Bromobenzene	ND	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	1.1	ug/kg	
75-27-4	Bromodichloromethane	ND	1.1	ug/kg	
75-25-2	Bromoform	ND	1.1	ug/kg	
104-51-8	n-Butylbenzene	ND	5.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.1	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.1	ug/kg	
75-00-3	Chloroethane	ND	1.1	ug/kg	
67-66-3	Chloroform	ND	1.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.3	ug/kg	
124-48-1	Dibromochloromethane	ND	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.1	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-5		Date Sampled: 10/17/19
Lab Sample ID: LA58706-15		Date Received: 10/22/19
Matrix: SO - Soil		Percent Solids: 90.7
Method: SW846 8260D SW846 5035		
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.1	ug/kg	
64-17-5	Ethyl Alcohol	ND	420	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	ug/kg	
591-78-6	2-Hexanone	ND	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.3	ug/kg	
98-82-8	Isopropylbenzene	ND	5.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.3	ug/kg	
74-83-9	Methyl Bromide	ND	11	ug/kg	
74-87-3	Methyl Chloride	ND	5.3	ug/kg	
74-95-3	Methylene Bromide	ND	1.1	ug/kg	
75-09-2	Methylene Chloride	ND	5.3	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	13	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	ug/kg	
91-20-3	Naphthalene	ND	5.3	ug/kg	
103-65-1	n-Propylbenzene	ND	5.3	ug/kg	
100-42-5	Styrene	ND	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.1	ug/kg	
108-88-3	Toluene	ND	5.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.3	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.3	ug/kg	
108-05-4	Vinyl Acetate	ND	5.3	ug/kg	
75-01-4	Vinyl Chloride	ND	1.1	ug/kg	
	m,p-Xylene	ND	2.1	ug/kg	
95-47-6	o-Xylene	ND	1.1	ug/kg	
1330-20-7	Xylene (total)	ND	2.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	109%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-5		
Lab Sample ID: LA58706-15		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 90.7
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	103%		52-159%
460-00-4	4-Bromofluorobenzene	96%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-5 Lab Sample ID: LA58706-15 Matrix: SO - Soil Method: SW846 8015C Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC	Date Sampled: 10/17/19 Date Received: 10/22/19 Percent Solids: 90.7
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA348013.D	1	10/23/19 21:42	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.50 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.5	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	94%		63-139%	
540-36-3	1,4-Difluorobenzene	86%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-6		
Lab Sample ID: LA58706-16		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 88.3
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059453.D	1	10/29/19 17:36	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	5.3 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	53	ug/kg	
71-43-2	Benzene	ND	0.53	ug/kg	
108-86-1	Bromobenzene	ND	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	1.1	ug/kg	
75-27-4	Bromodichloromethane	ND	1.1	ug/kg	
75-25-2	Bromoform	ND	1.1	ug/kg	
104-51-8	n-Butylbenzene	ND	5.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.1	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.1	ug/kg	
75-00-3	Chloroethane	ND	1.1	ug/kg	
67-66-3	Chloroform	ND	1.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.3	ug/kg	
124-48-1	Dibromochloromethane	ND	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.1	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PL-6	Date Sampled:	10/17/19
Lab Sample ID:	LA58706-16	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	88.3
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.1	ug/kg	
64-17-5	Ethyl Alcohol	ND	430	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	ug/kg	
591-78-6	2-Hexanone	ND	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.3	ug/kg	
98-82-8	Isopropylbenzene	ND	5.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.3	ug/kg	
74-83-9	Methyl Bromide	ND	11	ug/kg	
74-87-3	Methyl Chloride	ND	5.3	ug/kg	
74-95-3	Methylene Bromide	ND	1.1	ug/kg	
75-09-2	Methylene Chloride	ND	5.3	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	13	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	ug/kg	
91-20-3	Naphthalene	ND	5.3	ug/kg	
103-65-1	n-Propylbenzene	ND	5.3	ug/kg	
100-42-5	Styrene	ND	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.1	ug/kg	
108-88-3	Toluene	ND	5.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.3	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.3	ug/kg	
108-05-4	Vinyl Acetate	ND	5.3	ug/kg	
75-01-4	Vinyl Chloride	ND	1.1	ug/kg	
	m,p-Xylene	ND	2.1	ug/kg	
95-47-6	o-Xylene	ND	1.1	ug/kg	
1330-20-7	Xylene (total)	ND	2.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	113%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-6		
Lab Sample ID: LA58706-16		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 88.3
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	101%		52-159%
460-00-4	4-Bromofluorobenzene	97%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-6		
Lab Sample ID: LA58706-16		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8015C		Percent Solids: 88.3
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA348015.D	1	10/23/19 22:05	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.90 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.4	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	94%		63-139%	
540-36-3	1,4-Difluorobenzene	86%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DISP-2	Date Sampled:	10/17/19
Lab Sample ID:	LA58706-17	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	77.8
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059454.D	1	10/29/19 18:01	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	5.8 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	55	ug/kg	
71-43-2	Benzene	0.92	0.55	ug/kg	
108-86-1	Bromobenzene	ND	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	1.1	ug/kg	
75-27-4	Bromodichloromethane	ND	1.1	ug/kg	
75-25-2	Bromoform	ND	1.1	ug/kg	
104-51-8	n-Butylbenzene	ND	5.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.1	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.1	ug/kg	
75-00-3	Chloroethane	ND	1.1	ug/kg	
67-66-3	Chloroform	ND	1.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.5	ug/kg	
124-48-1	Dibromochloromethane	ND	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.1	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DISP-2	Date Sampled:	10/17/19
Lab Sample ID:	LA58706-17	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	77.8
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.1	ug/kg	
64-17-5	Ethyl Alcohol	ND	440	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	ug/kg	
591-78-6	2-Hexanone	ND	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.5	ug/kg	
98-82-8	Isopropylbenzene	ND	5.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.5	ug/kg	
74-83-9	Methyl Bromide	ND	11	ug/kg	
74-87-3	Methyl Chloride	ND	5.5	ug/kg	
74-95-3	Methylene Bromide	ND	1.1	ug/kg	
75-09-2	Methylene Chloride	ND	5.5	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	14	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	ug/kg	
91-20-3	Naphthalene	ND	5.5	ug/kg	
103-65-1	n-Propylbenzene	ND	5.5	ug/kg	
100-42-5	Styrene	ND	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.1	ug/kg	
108-88-3	Toluene	ND	5.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.5	ug/kg	
108-05-4	Vinyl Acetate	ND	5.5	ug/kg	
75-01-4	Vinyl Chloride	ND	1.1	ug/kg	
	m,p-Xylene	2.2	2.2	ug/kg	
95-47-6	o-Xylene	1.2	1.1	ug/kg	
1330-20-7	Xylene (total)	3.4	2.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	116%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DISP-2	Date Sampled:	10/17/19
Lab Sample ID:	LA58706-17	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	77.8
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	103%		52-159%
460-00-4	4-Bromofluorobenzene	99%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DISP-2	Date Sampled: 10/17/19
Lab Sample ID: LA58706-17	Date Received: 10/22/19
Matrix: SO - Soil	Percent Solids: 77.8
Method: SW846 8015C	
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA348017.D	1	10/23/19 22:28	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.20 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.6	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	95%		63-139%	
540-36-3	1,4-Difluorobenzene	86%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DISP-3	Date Sampled:	10/17/19
Lab Sample ID:	LA58706-18	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	87.0
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059455.D	1	10/29/19 18:26	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	4.5 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	64	ug/kg	
71-43-2	Benzene	ND	0.64	ug/kg	
108-86-1	Bromobenzene	ND	1.3	ug/kg	
74-97-5	Bromochloromethane	ND	1.3	ug/kg	
75-27-4	Bromodichloromethane	ND	1.3	ug/kg	
75-25-2	Bromoform	ND	1.3	ug/kg	
104-51-8	n-Butylbenzene	ND	6.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.3	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	1.3	ug/kg	
75-00-3	Chloroethane	ND	1.3	ug/kg	
67-66-3	Chloroform	ND	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.4	ug/kg	
124-48-1	Dibromochloromethane	ND	1.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.3	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.3	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.3	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.3	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.3	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DISP-3	Date Sampled:	10/17/19
Lab Sample ID:	LA58706-18	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	87.0
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.3	ug/kg	
64-17-5	Ethyl Alcohol	ND	510	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	ug/kg	
591-78-6	2-Hexanone	ND	16	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.4	ug/kg	
98-82-8	Isopropylbenzene	ND	6.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.4	ug/kg	
74-83-9	Methyl Bromide	ND	13	ug/kg	
74-87-3	Methyl Chloride	ND	6.4	ug/kg	
74-95-3	Methylene Bromide	ND	1.3	ug/kg	
75-09-2	Methylene Chloride	ND	6.4	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	16	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	ug/kg	
91-20-3	Naphthalene	ND	6.4	ug/kg	
103-65-1	n-Propylbenzene	ND	6.4	ug/kg	
100-42-5	Styrene	ND	1.3	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.3	ug/kg	
108-88-3	Toluene	ND	6.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.3	ug/kg	
79-01-6	Trichloroethylene	ND	1.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.4	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.4	ug/kg	
108-05-4	Vinyl Acetate	ND	6.4	ug/kg	
75-01-4	Vinyl Chloride	ND	1.3	ug/kg	
	m,p-Xylene	ND	2.6	ug/kg	
95-47-6	o-Xylene	ND	1.3	ug/kg	
1330-20-7	Xylene (total)	ND	2.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DISP-3		
Lab Sample ID: LA58706-18		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 87.0
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	104%		52-159%
460-00-4	4-Bromofluorobenzene	96%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DISP-3		Date Sampled: 10/17/19
Lab Sample ID: LA58706-18		Date Received: 10/22/19
Matrix: SO - Soil		Percent Solids: 87.0
Method: SW846 8015C		
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA348019.D	1	10/23/19 22:51	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.90 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.6	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	93%		63-139%	
540-36-3	1,4-Difluorobenzene	85%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-7		
Lab Sample ID: LA58706-19		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 88.1
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059456.D	1	10/29/19 18:51	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	6.6 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	43	ug/kg	
71-43-2	Benzene	ND	0.43	ug/kg	
108-86-1	Bromobenzene	ND	0.86	ug/kg	
74-97-5	Bromochloromethane	ND	0.86	ug/kg	
75-27-4	Bromodichloromethane	ND	0.86	ug/kg	
75-25-2	Bromoform	ND	0.86	ug/kg	
104-51-8	n-Butylbenzene	ND	4.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	0.86	ug/kg	
56-23-5	Carbon Tetrachloride	ND	0.86	ug/kg	
108-90-7	Chlorobenzene	ND	0.86	ug/kg	
75-00-3	Chloroethane	ND	0.86	ug/kg	
67-66-3	Chloroform	ND	0.86	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.3	ug/kg	
124-48-1	Dibromochloromethane	ND	0.86	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.86	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	0.86	ug/kg	
541-73-1	m-Dichlorobenzene	ND	0.86	ug/kg	
95-50-1	o-Dichlorobenzene	ND	0.86	ug/kg	
106-46-7	p-Dichlorobenzene	ND	0.86	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.86	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.86	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	0.86	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.86	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.86	ug/kg	
78-87-5	1,2-Dichloropropane	ND	0.86	ug/kg	
142-28-9	1,3-Dichloropropane	ND	0.86	ug/kg	
594-20-7	2,2-Dichloropropane	ND	0.86	ug/kg	
563-58-6	1,1-Dichloropropene	ND	0.86	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.86	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-7		Date Sampled: 10/17/19
Lab Sample ID: LA58706-19		Date Received: 10/22/19
Matrix: SO - Soil		Percent Solids: 88.1
Method: SW846 8260D SW846 5035		
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.86	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	0.86	ug/kg	
64-17-5	Ethyl Alcohol	ND	340	ug/kg	
100-41-4	Ethylbenzene	ND	0.86	ug/kg	
591-78-6	2-Hexanone	ND	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.3	ug/kg	
98-82-8	Isopropylbenzene	ND	4.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.3	ug/kg	
74-83-9	Methyl Bromide	ND	8.6	ug/kg	
74-87-3	Methyl Chloride	ND	4.3	ug/kg	
74-95-3	Methylene Bromide	ND	0.86	ug/kg	
75-09-2	Methylene Chloride	ND	4.3	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	11	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	11	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.86	ug/kg	
91-20-3	Naphthalene	ND	4.3	ug/kg	
103-65-1	n-Propylbenzene	ND	4.3	ug/kg	
100-42-5	Styrene	ND	0.86	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.86	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.86	ug/kg	
127-18-4	Tetrachloroethylene	ND	0.86	ug/kg	
108-88-3	Toluene	ND	4.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.86	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.86	ug/kg	
79-01-6	Trichloroethylene	ND	0.86	ug/kg	
75-69-4	Trichlorofluoromethane	ND	0.86	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.3	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	4.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.3	ug/kg	
108-05-4	Vinyl Acetate	ND	4.3	ug/kg	
75-01-4	Vinyl Chloride	ND	0.86	ug/kg	
	m,p-Xylene	ND	1.7	ug/kg	
95-47-6	o-Xylene	ND	0.86	ug/kg	
1330-20-7	Xylene (total)	ND	1.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-7		
Lab Sample ID: LA58706-19		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 88.1
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	101%		52-159%
460-00-4	4-Bromofluorobenzene	98%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-7		
Lab Sample ID: LA58706-19		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8015C		Percent Solids: 88.1
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA348021.D	1	10/23/19 23:14	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.30 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	6.0	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	93%		63-139%	
540-36-3	1,4-Difluorobenzene	86%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PL-8	Date Sampled:	10/17/19
Lab Sample ID:	LA58706-20	Date Received:	10/22/19
Matrix:	SO - Soil	Percent Solids:	86.9
Method:	SW846 8260D SW846 5035		
Project:	Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0059457.D	1	10/29/19 19:16	PJ	10/22/19 17:00	n/a	V2H2367
Run #2							

Run #	Initial Weight
Run #1	6.0 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	50.9	48	ug/kg	
71-43-2	Benzene	ND	0.48	ug/kg	
108-86-1	Bromobenzene	ND	0.96	ug/kg	
74-97-5	Bromochloromethane	ND	0.96	ug/kg	
75-27-4	Bromodichloromethane	ND	0.96	ug/kg	
75-25-2	Bromoform	ND	0.96	ug/kg	
104-51-8	n-Butylbenzene	ND	4.8	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.8	ug/kg	
98-06-6	tert-Butylbenzene	ND	0.96	ug/kg	
56-23-5	Carbon Tetrachloride	ND	0.96	ug/kg	
108-90-7	Chlorobenzene	ND	0.96	ug/kg	
75-00-3	Chloroethane	ND	0.96	ug/kg	
67-66-3	Chloroform	ND	0.96	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.8	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.8	ug/kg	
124-48-1	Dibromochloromethane	ND	0.96	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.96	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	0.96	ug/kg	
541-73-1	m-Dichlorobenzene	ND	0.96	ug/kg	
95-50-1	o-Dichlorobenzene	ND	0.96	ug/kg	
106-46-7	p-Dichlorobenzene	ND	0.96	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.96	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.96	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	0.96	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.96	ug/kg	
78-87-5	1,2-Dichloropropane	ND	0.96	ug/kg	
142-28-9	1,3-Dichloropropane	ND	0.96	ug/kg	
594-20-7	2,2-Dichloropropane	ND	0.96	ug/kg	
563-58-6	1,1-Dichloropropene	ND	0.96	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.96	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-8		Date Sampled: 10/17/19
Lab Sample ID: LA58706-20		Date Received: 10/22/19
Matrix: SO - Soil		Percent Solids: 86.9
Method: SW846 8260D SW846 5035		
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.96	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	0.96	ug/kg	
64-17-5	Ethyl Alcohol	ND	380	ug/kg	
100-41-4	Ethylbenzene	ND	0.96	ug/kg	
591-78-6	2-Hexanone	ND	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.8	ug/kg	
98-82-8	Isopropylbenzene	ND	4.8	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.8	ug/kg	
74-83-9	Methyl Bromide	ND	9.6	ug/kg	
74-87-3	Methyl Chloride	ND	4.8	ug/kg	
74-95-3	Methylene Bromide	ND	0.96	ug/kg	
75-09-2	Methylene Chloride	ND	4.8	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	12	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.96	ug/kg	
91-20-3	Naphthalene	ND	4.8	ug/kg	
103-65-1	n-Propylbenzene	ND	4.8	ug/kg	
100-42-5	Styrene	ND	0.96	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.96	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.96	ug/kg	
127-18-4	Tetrachloroethylene	ND	0.96	ug/kg	
108-88-3	Toluene	ND	4.8	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.96	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.96	ug/kg	
79-01-6	Trichloroethylene	ND	0.96	ug/kg	
75-69-4	Trichlorofluoromethane	ND	0.96	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.8	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	4.8	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.8	ug/kg	
108-05-4	Vinyl Acetate	ND	4.8	ug/kg	
75-01-4	Vinyl Chloride	ND	0.96	ug/kg	
	m,p-Xylene	ND	1.9	ug/kg	
95-47-6	o-Xylene	ND	0.96	ug/kg	
1330-20-7	Xylene (total)	ND	1.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	108%		59-143%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-8		
Lab Sample ID: LA58706-20		Date Sampled: 10/17/19
Matrix: SO - Soil		Date Received: 10/22/19
Method: SW846 8260D SW846 5035		Percent Solids: 86.9
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC		

VOA List for NC

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	100%		52-159%
460-00-4	4-Bromofluorobenzene	96%		38-183%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PL-8	
Lab Sample ID: LA58706-20	Date Sampled: 10/17/19
Matrix: SO - Soil	Date Received: 10/22/19
Method: SW846 8015C	Percent Solids: 86.9
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LA348023.D	1	10/23/19 23:37	NN	n/a	n/a	GLA2740
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.60 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	7.0	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
460-00-4	4-Bromofluorobenzene	94%		63-139%	
540-36-3	1,4-Difluorobenzene	86%		52-140%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

SGS North America Inc. - Scott
500 Ambassador Caffery Parkway, Scott, LA 70583
TEL: 337.237.4775 FAX: 337.237.7838
www.sgs.com/ehsusa

PREM

Bottle Order Control #
SGS Job # LA58706

Client / Reporting Information, Project Information, Requested Analysis, Matrix Codes, Collection table, Turnaround Time, Data Deliverable Information, Sample Custody, Relinquished/Received by, Date/Time, Custody Seal, Preserved where applicable, Therm ID.

4.1
4

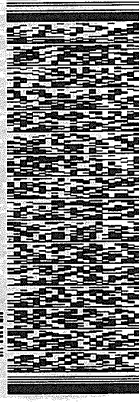
DURH

Part # 56297-435, PROB EXP 09/19

SHIP DATE: OCT 19 10:00 AM
SHIP TO: CA 95N
CD: 0323210/CAF3211

ORIGIN: D REZA (810) 998-0489
ATC: LA FEDEX
318 BRIGHTON RD
WILMINGTON, NC 284094002
UNITED STATES US

TO
SAMPLE RECEIVING
SGS ACCUTEST LA
109 COMMISSION BLVD
HOLD AT FEDEX LOCATION
LAFAYETTE LA 70508
(810) 288-7171
REF: CIRCLE K 272 0481



TUE - 22 OCT HOLD
PRIORITY OVERNIGHT
HLD
70508
LA
LEFT

FedEx
TK# 4913 8690 7190
0721
XHLETA



FD 7824 21OCT19 11PM 58637130/650

SGS Sample Receipt Summary

Job Number: LA58706

Client: ATC

Project: CIRCLE K #2720481

Date / Time Received: 10/22/2019 8:30:00 AM

Delivery Method: FedEx

Airbill #'s: 491386997190

Cooler Temps (Initial/Adjusted): #1: (1/1):

<u>Cooler Security</u>	<u>Y or N</u>		<u>Y or N</u>	
1. Custody Seals Present:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. COC Present:	<input checked="" type="checkbox"/> <input type="checkbox"/>
2. Custody Seals Intact:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Smpl Dates/Time OK	<input checked="" type="checkbox"/> <input type="checkbox"/>

<u>Cooler Temperature</u>	<u>Y or N</u>	
1. Temp criteria achieved:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Cooler temp verification:	<u>DV440</u>	
3. Cooler media:	<u>Ice (direct contact)</u>	
4. No. Coolers:	<u>1</u>	

<u>Quality Control Preservation</u>	<u>Y</u>	<u>or</u>	<u>N</u>	<u>N/A</u>
1. Trip Blank present / cooler:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Trip Blank listed on COC:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Samples preserved properly:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
4. VOCs headspace free:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

<u>Sample Integrity - Documentation</u>	<u>Y or N</u>	
1. Sample labels present on bottles:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Container labeling complete:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Sample container label / COC agree:	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<u>Sample Integrity - Condition</u>	<u>Y or N</u>	
1. Sample recvd within HT:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. All containers accounted for:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Condition of sample:	<u>Intact</u>	

<u>Sample Integrity - Instructions</u>	<u>Y</u>	<u>or</u>	<u>N</u>	<u>N/A</u>
1. Analysis requested is clear:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2. Bottles received for unspecified tests	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
3. Sufficient volume recvd for analysis:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
4. Compositing instructions clear:	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
5. Filtering instructions clear:	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>

Comments

Received 1 40ml MEQH broken in cooler for T-7, & PL-3.

4.1
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LA58706: Chain of Custody

Page 4 of 4

MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2366-MB1	2H0059396.D	1	10/28/19	PJ	n/a	n/a	V2H2366

The QC reported here applies to the following samples:

Method: SW846 8260D

LA58706-1, LA58706-2, LA58706-3

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	3.3	50	ug/kg	J
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	1.0	ug/kg	
75-27-4	Bromodichloromethane	ND	1.0	ug/kg	
75-25-2	Bromoform	ND	1.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.0	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	1.0	ug/kg	
75-00-3	Chloroethane	ND	1.0	ug/kg	
67-66-3	Chloroform	ND	1.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.0	ug/kg	
64-17-5	Ethyl Alcohol	ND	400	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	

5.1.1
5

Method Blank Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2366-MB1	2H0059396.D	1	10/28/19	PJ	n/a	n/a	V2H2366

The QC reported here applies to the following samples:

Method: SW846 8260D

LA58706-1, LA58706-2, LA58706-3

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/kg	
74-83-9	Methyl Bromide	ND	10	ug/kg	
74-87-3	Methyl Chloride	ND	5.0	ug/kg	
74-95-3	Methylene Bromide	ND	1.0	ug/kg	
75-09-2	Methylene Chloride	ND	5.0	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	13	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	ug/kg	
100-42-5	Styrene	ND	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	0.30	5.0	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
108-05-4	Vinyl Acetate	ND	5.0	ug/kg	
75-01-4	Vinyl Chloride	ND	1.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	

5.1.1
5

Method Blank Summary

Job Number: LA58706
Account: ATCNCR ATC Group Services LLC
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2366-MB1	2H0059396.D	1	10/28/19	PJ	n/a	n/a	V2H2366

The QC reported here applies to the following samples:

Method: SW846 8260D

LA58706-1, LA58706-2, LA58706-3

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	104% 59-143%
2037-26-5	Toluene-D8	104% 52-159%
460-00-4	4-Bromofluorobenzene	102% 38-183%

Method Blank Summary

Job Number: LA58706
Account: ATCNCR ATC Group Services LLC
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2367-MB1	2H0059440.D	1	10/29/19	PJ	n/a	n/a	V2H2367

The QC reported here applies to the following samples:

Method: SW846 8260D

LA58706-4, LA58706-6, LA58706-7, LA58706-8, LA58706-9, LA58706-10, LA58706-11, LA58706-12, LA58706-13, LA58706-14, LA58706-15, LA58706-16, LA58706-17, LA58706-18, LA58706-19, LA58706-20

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	4.3	50	ug/kg	J
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	1.0	ug/kg	
75-27-4	Bromodichloromethane	ND	1.0	ug/kg	
75-25-2	Bromoform	ND	1.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.0	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	1.0	ug/kg	
75-00-3	Chloroethane	ND	1.0	ug/kg	
67-66-3	Chloroform	ND	1.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.0	ug/kg	
64-17-5	Ethyl Alcohol	ND	400	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	

Method Blank Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2367-MB1	2H0059440.D	1	10/29/19	PJ	n/a	n/a	V2H2367

The QC reported here applies to the following samples: Method: SW846 8260D

LA58706-4, LA58706-6, LA58706-7, LA58706-8, LA58706-9, LA58706-10, LA58706-11, LA58706-12, LA58706-13, LA58706-14, LA58706-15, LA58706-16, LA58706-17, LA58706-18, LA58706-19, LA58706-20

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/kg	
74-83-9	Methyl Bromide	ND	10	ug/kg	
74-87-3	Methyl Chloride	ND	5.0	ug/kg	
74-95-3	Methylene Bromide	ND	1.0	ug/kg	
75-09-2	Methylene Chloride	ND	5.0	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	13	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	ug/kg	
100-42-5	Styrene	ND	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
108-05-4	Vinyl Acetate	ND	5.0	ug/kg	
75-01-4	Vinyl Chloride	ND	1.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	

5.1.2
5

Method Blank Summary

Job Number: LA58706
Account: ATCNCR ATC Group Services LLC
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2367-MB1	2H0059440.D	1	10/29/19	PJ	n/a	n/a	V2H2367

The QC reported here applies to the following samples:

Method: SW846 8260D

LA58706-4, LA58706-6, LA58706-7, LA58706-8, LA58706-9, LA58706-10, LA58706-11, LA58706-12, LA58706-13, LA58706-14, LA58706-15, LA58706-16, LA58706-17, LA58706-18, LA58706-19, LA58706-20

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	107% 59-143%
2037-26-5	Toluene-D8	101% 52-159%
460-00-4	4-Bromofluorobenzene	99% 38-183%

5.1.2
5

Method Blank Summary

Job Number: LA58706
Account: ATCNCR ATC Group Services LLC
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2369-MB1	2H0059521.D	1	10/30/19	LS	n/a	n/a	V2H2369

The QC reported here applies to the following samples:

Method: SW846 8260D

LA58706-5

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	50	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	1.0	ug/kg	
75-27-4	Bromodichloromethane	ND	1.0	ug/kg	
75-25-2	Bromoform	ND	1.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.0	ug/kg	
56-23-5	Carbon Tetrachloride	ND	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	1.0	ug/kg	
75-00-3	Chloroethane	ND	1.0	ug/kg	
67-66-3	Chloroform	ND	1.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/kg	
108-20-3	Di-Isopropyl Ether	ND	1.0	ug/kg	
64-17-5	Ethyl Alcohol	ND	400	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	

Method Blank Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2369-MB1	2H0059521.D	1	10/30/19	LS	n/a	n/a	V2H2369

The QC reported here applies to the following samples:

Method: SW846 8260D

LA58706-5

CAS No.	Compound	Result	RL	Units	Q
591-78-6	2-Hexanone	ND	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/kg	
74-83-9	Methyl Bromide	ND	10	ug/kg	
74-87-3	Methyl Chloride	ND	5.0	ug/kg	
74-95-3	Methylene Bromide	ND	1.0	ug/kg	
75-09-2	Methylene Chloride	ND	5.0	ug/kg	
78-93-3	Methyl Ethyl Ketone	ND	13	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	ug/kg	
100-42-5	Styrene	ND	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
108-05-4	Vinyl Acetate	ND	5.0	ug/kg	
75-01-4	Vinyl Chloride	ND	1.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	

5.1.3
5

Method Blank Summary

Job Number: LA58706
Account: ATCNCR ATC Group Services LLC
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2369-MB1	2H0059521.D	1	10/30/19	LS	n/a	n/a	V2H2369

The QC reported here applies to the following samples:

Method: SW846 8260D

LA58706-5

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	106% 59-143%
2037-26-5	Toluene-D8	102% 52-159%
460-00-4	4-Bromofluorobenzene	103% 38-183%

5.1.3
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Blank Spike/Blank Spike Duplicate Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2366-BS1	2H0059401.D	1	10/28/19	PJ	n/a	n/a	V2H2366
V2H2366-BSD1	2H0059402.D	1	10/28/19	PJ	n/a	n/a	V2H2366

The QC reported here applies to the following samples:

Method: SW846 8260D

LA58706-1, LA58706-2, LA58706-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	50	46.4	93	48.7	97	5	40-153/30
71-43-2	Benzene	20	21.3	107	19.0	95	11	67-135/30
108-86-1	Bromobenzene	20	20.7	104	18.4	92	12	54-144/30
74-97-5	Bromochloromethane	20	21.5	108	20.4	102	5	50-147/30
75-27-4	Bromodichloromethane	20	21.6	108	19.6	98	10	54-146/30
75-25-2	Bromoform	20	18.2	91	17.8	89	2	49-145/30
104-51-8	n-Butylbenzene	20	21.2	106	18.4	92	14	47-160/30
135-98-8	sec-Butylbenzene	20	21.8	109	19.0	95	14	51-155/30
98-06-6	tert-Butylbenzene	20	21.9	110	19.3	97	13	53-152/30
56-23-5	Carbon Tetrachloride	20	20.9	105	19.8	99	5	50-152/30
108-90-7	Chlorobenzene	20	21.0	105	19.3	97	8	57-144/30
75-00-3	Chloroethane	20	24.4	122	20.5	103	17	38-176/30
67-66-3	Chloroform	20	22.2	111	19.6	98	12	53-147/30
95-49-8	o-Chlorotoluene	20	20.4	102	17.8	89	14	52-151/30
106-43-4	p-Chlorotoluene	20	21.5	108	19.5	98	10	52-150/30
124-48-1	Dibromochloromethane	20	21.1	106	19.2	96	9	54-146/30
96-12-8	1,2-Dibromo-3-chloropropane	20	19.6	98	18.5	93	6	51-145/30
106-93-4	1,2-Dibromoethane	20	22.0	110	21.3	107	3	55-145/30
75-71-8	Dichlorodifluoromethane	20	33.1	166	33.3	167	1	24-179/30
541-73-1	m-Dichlorobenzene	20	21.7	109	18.4	92	16	54-147/30
95-50-1	o-Dichlorobenzene	20	21.5	108	18.6	93	14	55-144/30
106-46-7	p-Dichlorobenzene	20	20.3	102	17.8	89	13	54-147/30
75-34-3	1,1-Dichloroethane	20	22.8	114	20.2	101	12	53-148/30
107-06-2	1,2-Dichloroethane	20	20.7	104	18.8	94	10	55-144/30
75-35-4	1,1-Dichloroethylene	20	21.5	108	19.8	99	8	49-153/30
156-59-2	cis-1,2-Dichloroethylene	20	22.1	111	20.4	102	8	52-147/30
156-60-5	trans-1,2-Dichloroethylene	20	20.9	105	19.7	99	6	51-152/30
78-87-5	1,2-Dichloropropane	20	21.4	107	19.0	95	12	56-145/30
142-28-9	1,3-Dichloropropane	20	20.5	103	18.7	94	9	53-145/30
594-20-7	2,2-Dichloropropane	20	22.7	114	20.8	104	9	35-176/30
563-58-6	1,1-Dichloropropene	20	22.0	110	19.9	100	10	49-157/30
10061-01-5	cis-1,3-Dichloropropene	20	22.0	110	19.7	99	11	54-148/30
10061-02-6	trans-1,3-Dichloropropene	20	22.1	111	20.3	102	8	53-151/30
108-20-3	Di-Isopropyl Ether	20	21.8	109	19.1	96	13	85-120/30
64-17-5	Ethyl Alcohol	400	441	110	409	102	8	31-164/30
100-41-4	Ethylbenzene	20	20.9	105	18.6	93	12	69-136/30

* = Outside of Control Limits.

5.2.1
5

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2366-BS1	2H0059401.D	1	10/28/19	PJ	n/a	n/a	V2H2366
V2H2366-BSD1	2H0059402.D	1	10/28/19	PJ	n/a	n/a	V2H2366

The QC reported here applies to the following samples:

Method: SW846 8260D

LA58706-1, LA58706-2, LA58706-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	50	43.8	88	44.2	88	1	45-148/30
87-68-3	Hexachlorobutadiene	20	21.6	108	18.6	93	15	48-168/30
98-82-8	Isopropylbenzene	20	21.7	109	19.4	97	11	52-151/30
99-87-6	p-Isopropyltoluene	20	21.7	109	18.5	93	16	50-155/30
74-83-9	Methyl Bromide	20	23.7	119	22.0	110	7	40-170/30
74-87-3	Methyl Chloride	20	26.0	130	24.4	122	6	39-152/30
74-95-3	Methylene Bromide	20	20.8	104	18.9	95	10	53-147/30
75-09-2	Methylene Chloride	20	23.3	117	20.5	103	13	51-142/30
78-93-3	Methyl Ethyl Ketone	50	47.0	94	47.9	96	2	48-150/30
108-10-1	4-Methyl-2-pentanone	50	50.4	101	46.1	92	9	50-151/30
1634-04-4	Methyl Tert Butyl Ether	20	21.6	108	20.0	100	8	61-142/30
91-20-3	Naphthalene	20	19.9	100	18.7	94	6	58-147/30
103-65-1	n-Propylbenzene	20	21.6	108	18.5	93	15	50-154/30
100-42-5	Styrene	20	22.0	110	19.2	96	14	56-145/30
630-20-6	1,1,1,2-Tetrachloroethane	20	22.1	111	19.5	98	13	56-147/30
79-34-5	1,1,2,2-Tetrachloroethane	20	19.9	100	18.7	94	6	55-141/30
127-18-4	Tetrachloroethylene	20	21.9	110	20.1	101	9	54-156/30
108-88-3	Toluene	20	20.9	105	19.2	96	8	71-135/30
87-61-6	1,2,3-Trichlorobenzene	20	20.2	101	19.0	95	6	51-157/30
120-82-1	1,2,4-Trichlorobenzene	20	21.3	107	18.1	91	16	48-163/30
71-55-6	1,1,1-Trichloroethane	20	21.8	109	20.6	103	6	52-153/30
79-00-5	1,1,2-Trichloroethane	20	21.0	105	19.1	96	9	55-144/30
79-01-6	Trichloroethylene	20	20.3	102	19.0	95	7	56-151/30
75-69-4	Trichlorofluoromethane	20	23.9	120	22.8	114	5	36-171/30
96-18-4	1,2,3-Trichloropropane	20	20.3	102	18.6	93	9	45-139/30
95-63-6	1,2,4-Trimethylbenzene	20	21.7	109	19.2	96	12	50-153/30
108-67-8	1,3,5-Trimethylbenzene	20	21.3	107	18.2	91	16	51-153/30
108-05-4	Vinyl Acetate	20	21.7	109	18.6	93	15	23-188/30
75-01-4	Vinyl Chloride	20	24.2	121	23.7	119	2	42-155/30
	m,p-Xylene	40	47.7	119	42.3	106	12	70-140/30
95-47-6	o-Xylene	20	22.5	113	20.1	101	11	70-132/30
1330-20-7	Xylene (total)	60	70.2	117	62.4	104	12	69-138/30

* = Outside of Control Limits.

5.2.1
5

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2366-BS1	2H0059401.D	1	10/28/19	PJ	n/a	n/a	V2H2366
V2H2366-BSD1	2H0059402.D	1	10/28/19	PJ	n/a	n/a	V2H2366

The QC reported here applies to the following samples:

Method: SW846 8260D

LA58706-1, LA58706-2, LA58706-3

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	102%	104%	59-143%
2037-26-5	Toluene-D8	102%	99%	52-159%
460-00-4	4-Bromofluorobenzene	101%	103%	38-183%

* = Outside of Control Limits.

5.2.1
5

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2367-BS1	2H0059437.D	1	10/29/19	PJ	n/a	n/a	V2H2367
V2H2367-BSD1	2H0059438.D	1	10/29/19	PJ	n/a	n/a	V2H2367

The QC reported here applies to the following samples: Method: SW846 8260D

LA58706-4, LA58706-6, LA58706-7, LA58706-8, LA58706-9, LA58706-10, LA58706-11, LA58706-12, LA58706-13, LA58706-14, LA58706-15, LA58706-16, LA58706-17, LA58706-18, LA58706-19, LA58706-20

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	50	44.9	90	50.4	101	12	40-153/30
71-43-2	Benzene	20	18.9	95	20.1	101	6	67-135/30
108-86-1	Bromobenzene	20	18.8	94	18.9	95	1	54-144/30
74-97-5	Bromochloromethane	20	20.5	103	20.9	105	2	50-147/30
75-27-4	Bromodichloromethane	20	18.7	94	20.0	100	7	54-146/30
75-25-2	Bromoform	20	16.1	81	16.4	82	2	49-145/30
104-51-8	n-Butylbenzene	20	20.3	102	20.1	101	1	47-160/30
135-98-8	sec-Butylbenzene	20	20.8	104	20.3	102	2	51-155/30
98-06-6	tert-Butylbenzene	20	20.1	101	20.3	102	1	53-152/30
56-23-5	Carbon Tetrachloride	20	19.9	100	20.3	102	2	50-152/30
108-90-7	Chlorobenzene	20	19.0	95	20.5	103	8	57-144/30
75-00-3	Chloroethane	20	26.0	130	24.2	121	7	38-176/30
67-66-3	Chloroform	20	19.6	98	20.1	101	3	53-147/30
95-49-8	o-Chlorotoluene	20	18.4	92	18.1	91	2	52-151/30
106-43-4	p-Chlorotoluene	20	20.2	101	20.7	104	2	52-150/30
124-48-1	Dibromochloromethane	20	18.2	91	18.8	94	3	54-146/30
96-12-8	1,2-Dibromo-3-chloropropane	20	16.2	81	16.8	84	4	51-145/30
106-93-4	1,2-Dibromoethane	20	18.6	93	20.1	101	8	55-145/30
75-71-8	Dichlorodifluoromethane	20	29.3	147	28.5	143	3	24-179/30
541-73-1	m-Dichlorobenzene	20	19.4	97	19.9	100	3	54-147/30
95-50-1	o-Dichlorobenzene	20	18.9	95	19.9	100	5	55-144/30
106-46-7	p-Dichlorobenzene	20	18.4	92	19.2	96	4	54-147/30
75-34-3	1,1-Dichloroethane	20	20.8	104	21.6	108	4	53-148/30
107-06-2	1,2-Dichloroethane	20	18.8	94	19.7	99	5	55-144/30
75-35-4	1,1-Dichloroethylene	20	21.6	108	19.9	100	8	49-153/30
156-59-2	cis-1,2-Dichloroethylene	20	19.7	99	20.3	102	3	52-147/30
156-60-5	trans-1,2-Dichloroethylene	20	18.9	95	19.2	96	2	51-152/30
78-87-5	1,2-Dichloropropane	20	19.1	96	20.0	100	5	56-145/30
142-28-9	1,3-Dichloropropane	20	18.3	92	19.4	97	6	53-145/30
594-20-7	2,2-Dichloropropane	20	20.6	103	20.3	102	1	35-176/30
563-58-6	1,1-Dichloropropene	20	20.5	103	20.2	101	1	49-157/30
10061-01-5	cis-1,3-Dichloropropene	20	19.2	96	19.7	99	3	54-148/30
10061-02-6	trans-1,3-Dichloropropene	20	19.3	97	19.9	100	3	53-151/30
108-20-3	Di-Isopropyl Ether	20	20.1	101	20.3	102	1	85-120/30
64-17-5	Ethyl Alcohol	400	396	99	374	94	6	31-164/30
100-41-4	Ethylbenzene	20	19.0	95	19.0	95	0	69-136/30

* = Outside of Control Limits.

5.2.2
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Blank Spike/Blank Spike Duplicate Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2367-BS1	2H0059437.D	1	10/29/19	PJ	n/a	n/a	V2H2367
V2H2367-BSD1	2H0059438.D	1	10/29/19	PJ	n/a	n/a	V2H2367

The QC reported here applies to the following samples: Method: SW846 8260D

LA58706-4, LA58706-6, LA58706-7, LA58706-8, LA58706-9, LA58706-10, LA58706-11, LA58706-12, LA58706-13, LA58706-14, LA58706-15, LA58706-16, LA58706-17, LA58706-18, LA58706-19, LA58706-20

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	50	49.1	98	48.0	96	2	45-148/30
87-68-3	Hexachlorobutadiene	20	20.5	103	19.3	97	6	48-168/30
98-82-8	Isopropylbenzene	20	19.3	97	20.1	101	4	52-151/30
99-87-6	p-Isopropyltoluene	20	20.3	102	20.3	102	0	50-155/30
74-83-9	Methyl Bromide	20	24.7	124	24.4	122	1	40-170/30
74-87-3	Methyl Chloride	20	25.0	125	24.0	120	4	39-152/30
74-95-3	Methylene Bromide	20	18.2	91	19.0	95	4	53-147/30
75-09-2	Methylene Chloride	20	21.4	107	20.5	103	4	51-142/30
78-93-3	Methyl Ethyl Ketone	50	46.1	92	45.6	91	1	48-150/30
108-10-1	4-Methyl-2-pentanone	50	48.2	96	50.1	100	4	50-151/30
1634-04-4	Methyl Tert Butyl Ether	20	19.2	96	19.3	97	1	61-142/30
91-20-3	Naphthalene	20	18.3	92	18.7	94	2	58-147/30
103-65-1	n-Propylbenzene	20	20.3	102	20.0	100	1	50-154/30
100-42-5	Styrene	20	19.0	95	19.2	96	1	56-145/30
630-20-6	1,1,1,2-Tetrachloroethane	20	18.0	90	19.7	99	9	56-147/30
79-34-5	1,1,2,2-Tetrachloroethane	20	17.9	90	19.1	96	6	55-141/30
127-18-4	Tetrachloroethylene	20	19.8	99	20.3	102	2	54-156/30
108-88-3	Toluene	20	18.1	91	19.7	99	8	71-135/30
87-61-6	1,2,3-Trichlorobenzene	20	19.6	98	19.4	97	1	51-157/30
120-82-1	1,2,4-Trichlorobenzene	20	19.0	95	19.0	95	0	48-163/30
71-55-6	1,1,1-Trichloroethane	20	20.0	100	19.7	99	2	52-153/30
79-00-5	1,1,2-Trichloroethane	20	18.7	94	19.1	96	2	55-144/30
79-01-6	Trichloroethylene	20	19.2	96	19.2	96	0	56-151/30
75-69-4	Trichlorofluoromethane	20	25.1	126	25.1	126	0	36-171/30
96-18-4	1,2,3-Trichloropropane	20	18.7	94	18.2	91	3	45-139/30
95-63-6	1,2,4-Trimethylbenzene	20	19.5	98	20.0	100	3	50-153/30
108-67-8	1,3,5-Trimethylbenzene	20	19.1	96	19.8	99	4	51-153/30
108-05-4	Vinyl Acetate	20	21.2	106	21.3	107	0	23-188/30
75-01-4	Vinyl Chloride	20	24.0	120	24.4	122	2	42-155/30
	m,p-Xylene	40	42.3	106	44.2	111	4	70-140/30
95-47-6	o-Xylene	20	19.8	99	20.6	103	4	70-132/30
1330-20-7	Xylene (total)	60	62.1	104	64.8	108	4	69-138/30

* = Outside of Control Limits.

5.2.2
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Blank Spike/Blank Spike Duplicate Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2367-BS1	2H0059437.D	1	10/29/19	PJ	n/a	n/a	V2H2367
V2H2367-BSD1	2H0059438.D	1	10/29/19	PJ	n/a	n/a	V2H2367

The QC reported here applies to the following samples:

Method: SW846 8260D

LA58706-4, LA58706-6, LA58706-7, LA58706-8, LA58706-9, LA58706-10, LA58706-11, LA58706-12, LA58706-13, LA58706-14, LA58706-15, LA58706-16, LA58706-17, LA58706-18, LA58706-19, LA58706-20

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	105%	59-143%
2037-26-5	Toluene-D8	98%	101%	52-159%
460-00-4	4-Bromofluorobenzene	97%	99%	38-183%

* = Outside of Control Limits.

5.2.2
5

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2369-BS1	2H0059518.D	1	10/30/19	LS	n/a	n/a	V2H2369
V2H2369-BSD1	2H0059519.D	1	10/30/19	LS	n/a	n/a	V2H2369

The QC reported here applies to the following samples:

Method: SW846 8260D

LA58706-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	50	53.1	106	54.4	109	2	40-153/30
71-43-2	Benzene	20	22.1	111	21.8	109	1	67-135/30
108-86-1	Bromobenzene	20	21.4	107	22.7	114	6	54-144/30
74-97-5	Bromochloromethane	20	19.6	98	19.6	98	0	50-147/30
75-27-4	Bromodichloromethane	20	22.1	111	23.3	117	5	54-146/30
75-25-2	Bromoform	20	23.4	117	23.7	119	1	49-145/30
104-51-8	n-Butylbenzene	20	26.2	131	24.7	124	6	47-160/30
135-98-8	sec-Butylbenzene	20	24.5	123	23.9	120	2	51-155/30
98-06-6	tert-Butylbenzene	20	24.0	120	24.5	123	2	53-152/30
56-23-5	Carbon Tetrachloride	20	22.5	113	21.2	106	6	50-152/30
108-90-7	Chlorobenzene	20	21.8	109	21.9	110	0	57-144/30
75-00-3	Chloroethane	20	18.6	93	18.8	94	1	38-176/30
67-66-3	Chloroform	20	21.6	108	20.8	104	4	53-147/30
95-49-8	o-Chlorotoluene	20	22.9	115	23.2	116	1	52-151/30
106-43-4	p-Chlorotoluene	20	24.3	122	24.8	124	2	52-150/30
124-48-1	Dibromochloromethane	20	23.0	115	23.2	116	1	54-146/30
96-12-8	1,2-Dibromo-3-chloropropane	20	22.4	112	24.0	120	7	51-145/30
106-93-4	1,2-Dibromoethane	20	22.9	115	22.5	113	2	55-145/30
75-71-8	Dichlorodifluoromethane	20	23.7	119	22.8	114	4	24-179/30
541-73-1	m-Dichlorobenzene	20	22.9	115	23.5	118	3	54-147/30
95-50-1	o-Dichlorobenzene	20	22.2	111	22.3	112	0	55-144/30
106-46-7	p-Dichlorobenzene	20	23.7	119	23.1	116	3	54-147/30
75-34-3	1,1-Dichloroethane	20	21.6	108	20.7	104	4	53-148/30
107-06-2	1,2-Dichloroethane	20	21.1	106	22.2	111	5	55-144/30
75-35-4	1,1-Dichloroethylene	20	21.3	107	20.4	102	4	49-153/30
156-59-2	cis-1,2-Dichloroethylene	20	21.6	108	21.6	108	0	52-147/30
156-60-5	trans-1,2-Dichloroethylene	20	21.4	107	21.5	108	0	51-152/30
78-87-5	1,2-Dichloropropane	20	23.3	117	23.3	117	0	56-145/30
142-28-9	1,3-Dichloropropane	20	21.4	107	21.4	107	0	53-145/30
594-20-7	2,2-Dichloropropane	20	23.7	119	22.4	112	6	35-176/30
563-58-6	1,1-Dichloropropene	20	24.3	122	22.8	114	6	49-157/30
10061-01-5	cis-1,3-Dichloropropene	20	23.7	119	24.2	121	2	54-148/30
10061-02-6	trans-1,3-Dichloropropene	20	22.9	115	23.9	120	4	53-151/30
108-20-3	Di-Isopropyl Ether	20	21.2	106	20.9	105	1	85-120/30
64-17-5	Ethyl Alcohol	400	422	106	392	98	7	31-164/30
100-41-4	Ethylbenzene	20	23.0	115	21.2	106	8	69-136/30

* = Outside of Control Limits.

5.2.3
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Blank Spike/Blank Spike Duplicate Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2369-BS1	2H0059518.D	1	10/30/19	LS	n/a	n/a	V2H2369
V2H2369-BSD1	2H0059519.D	1	10/30/19	LS	n/a	n/a	V2H2369

The QC reported here applies to the following samples:

Method: SW846 8260D

LA58706-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	50	61.9	124	54.5	109	13	45-148/30
87-68-3	Hexachlorobutadiene	20	34.7	174*	30.0	150	15	48-168/30
98-82-8	Isopropylbenzene	20	25.0	125	23.7	119	5	52-151/30
99-87-6	p-Isopropyltoluene	20	26.3	132	25.5	128	3	50-155/30
74-83-9	Methyl Bromide	20	24.6	123	22.7	114	8	40-170/30
74-87-3	Methyl Chloride	20	21.0	105	20.2	101	4	39-152/30
74-95-3	Methylene Bromide	20	20.4	102	20.9	105	2	53-147/30
75-09-2	Methylene Chloride	20	21.6	108	20.9	105	3	51-142/30
78-93-3	Methyl Ethyl Ketone	50	50.1	100	47.9	96	4	48-150/30
108-10-1	4-Methyl-2-pentanone	50	55.4	111	54.0	108	3	50-151/30
1634-04-4	Methyl Tert Butyl Ether	20	23.5	118	22.9	115	3	61-142/30
91-20-3	Naphthalene	20	24.2	121	25.2	126	4	58-147/30
103-65-1	n-Propylbenzene	20	24.3	122	23.5	118	3	50-154/30
100-42-5	Styrene	20	24.8	124	23.5	118	5	56-145/30
630-20-6	1,1,1,2-Tetrachloroethane	20	23.6	118	22.5	113	5	56-147/30
79-34-5	1,1,2,2-Tetrachloroethane	20	20.6	103	21.7	109	5	55-141/30
127-18-4	Tetrachloroethylene	20	22.5	113	21.8	109	3	54-156/30
108-88-3	Toluene	20	21.5	108	22.0	110	2	71-135/30
87-61-6	1,2,3-Trichlorobenzene	20	25.4	127	25.0	125	2	51-157/30
120-82-1	1,2,4-Trichlorobenzene	20	25.1	126	25.1	126	0	48-163/30
71-55-6	1,1,1-Trichloroethane	20	23.2	116	20.5	103	12	52-153/30
79-00-5	1,1,2-Trichloroethane	20	20.7	104	21.1	106	2	55-144/30
79-01-6	Trichloroethylene	20	21.7	109	21.6	108	0	56-151/30
75-69-4	Trichlorofluoromethane	20	18.3	92	17.7	89	3	36-171/30
96-18-4	1,2,3-Trichloropropane	20	20.4	102	22.2	111	8	45-139/30
95-63-6	1,2,4-Trimethylbenzene	20	24.4	122	24.1	121	1	50-153/30
108-67-8	1,3,5-Trimethylbenzene	20	23.6	118	23.1	116	2	51-153/30
108-05-4	Vinyl Acetate	20	27.4	137	26.5	133	3	23-188/30
75-01-4	Vinyl Chloride	20	19.3	97	18.4	92	5	42-155/30
	m,p-Xylene	40	52.6	132	51.0	128	3	70-140/30
95-47-6	o-Xylene	20	25.4	127	25.8	129	2	70-132/30
1330-20-7	Xylene (total)	60	78.0	130	76.8	128	2	69-138/30

* = Outside of Control Limits.

5.2.3
5

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA58706

Account: ATCNCR ATC Group Services LLC

Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2H2369-BS1	2H0059518.D	1	10/30/19	LS	n/a	n/a	V2H2369
V2H2369-BSD1	2H0059519.D	1	10/30/19	LS	n/a	n/a	V2H2369

The QC reported here applies to the following samples:

Method: SW846 8260D

LA58706-5

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	99%	98%	59-143%
2037-26-5	Toluene-D8	102%	101%	52-159%
460-00-4	4-Bromofluorobenzene	99%	102%	38-183%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
LA58837-5MS	2H0059542.D	1	10/30/19	LS	n/a	n/a	V2H2369
LA58837-5MSD	2H0059543.D	1	10/31/19	LS	n/a	n/a	V2H2369
LA58837-5	2H0059536.D	1	10/30/19	LS	n/a	n/a	V2H2369

The QC reported here applies to the following samples:

Method: SW846 8260B

LA58706-5

CAS No.	Compound	LA58837-5 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	21.3	41.7	37.3	38	50	36.3	30	3	19-170/34
71-43-2	Benzene	ND	16.7	10.8	65	20	11.9	60	10	15-162/33
108-86-1	Bromobenzene	ND	16.7	8.5	51	20	8.9	45	5	28-151/33
74-97-5	Bromochloromethane	ND	16.7	10.3	62	20	12.7	64	21*	9-176/15
75-27-4	Bromodichloromethane	ND	16.7	10.2	61	20	12.7	64	22*	48-124/14
75-25-2	Bromoform	ND	16.7	10.3	62	20	12.3	62	18*	20-128/16
104-51-8	n-Butylbenzene	ND	16.7	7.9	47	20	4.7	24	51*	1-199/21
135-98-8	sec-Butylbenzene	ND	16.7	8.4	50	20	6.8	34	21*	16-172/16
98-06-6	tert-Butylbenzene	ND	16.7	8.6	52	20	7.9	40	8	27-150/16
56-23-5	Carbon Tetrachloride	ND	16.7	10.6	64	20	12.6	63	17	25-136/17
108-90-7	Chlorobenzene	ND	16.7	9.2	55	20	10.0	50	8	31-153/12
75-00-3	Chloroethane	ND	16.7	9.9	59	20	13.2	66	29	1-171/64
67-66-3	Chloroform	ND	16.7	11.0	66	20	12.7	64	14	26-153/42
95-49-8	o-Chlorotoluene	ND	16.7	8.0	48	20	8.6	43*	7	47-138/16
106-43-4	p-Chlorotoluene	ND	16.7	9.2	55	20	8.3	42	10	11-159/14
124-48-1	Dibromochloromethane	ND	16.7	9.5	57	20	11.7	59	21*	26-131/14
96-12-8	1,2-Dibromo-3-chloropropane	ND	16.7	8.8	53	20	9.8	49	11	18-141/68
106-93-4	1,2-Dibromoethane	ND	16.7	10.0	60	20	11.9	60	17*	39-143/14
75-71-8	Dichlorodifluoromethane	ND	16.7	11.0	66	20	15.3	77	33*	1-149/18
541-73-1	m-Dichlorobenzene	ND	16.7	8.7	52	20	8.3	42	5	22-152/15
95-50-1	o-Dichlorobenzene	ND	16.7	8.8	53	20	9.2	46	4	27-150/12
106-46-7	p-Dichlorobenzene	ND	16.7	8.5	51	20	7.9	40	7	19-154/12
75-34-3	1,1-Dichloroethane	ND	16.7	10.2	61	20	13.6	68	29*	31-147/13
107-06-2	1,2-Dichloroethane	ND	16.7	10.6	64	20	12.1	61	13	31-147/13
75-35-4	1,1-Dichloroethylene	ND	16.7	10.6	64	20	12.5	63	16	22-148/19
156-59-2	cis-1,2-Dichloroethylene	ND	16.7	10.3	62	20	12.4	62	19*	25-145/15
156-60-5	trans-1,2-Dichloroethylene	ND	16.7	10.6	64	20	12.6	63	17	24-145/17
78-87-5	1,2-Dichloropropane	ND	16.7	11.8	71	20	12.7	64	7	36-141/13
142-28-9	1,3-Dichloropropane	ND	16.7	9.9	59	20	11.5	58	15*	35-147/12
594-20-7	2,2-Dichloropropane	ND	16.7	9.4	56	20	12.3	62	27*	45-150/18
563-58-6	1,1-Dichloropropene	ND	16.7	10.9	65	20	13.6	68	22*	28-146/16
10061-01-5	cis-1,3-Dichloropropene	ND	16.7	9.2	55	20	11.2	56	20*	27-143/12
10061-02-6	trans-1,3-Dichloropropene	ND	16.7	8.9	53	20	11.4	57	25*	46-130/14
108-20-3	Di-Isopropyl Ether	ND	16.7	11.2	67	20	13.3	67	17*	34-149/13
64-17-5	Ethyl Alcohol	ND	333	235	71	400	175	44	29	1-159/146
100-41-4	Ethylbenzene	ND	16.7	8.7	52	20	8.9	45	2	14-168/13

* = Outside of Control Limits.

5.3.1
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
LA58837-5MS	2H0059542.D	1	10/30/19	LS	n/a	n/a	V2H2369
LA58837-5MSD	2H0059543.D	1	10/31/19	LS	n/a	n/a	V2H2369
LA58837-5	2H0059536.D	1	10/30/19	LS	n/a	n/a	V2H2369

The QC reported here applies to the following samples:

Method: SW846 8260B

LA58706-5

CAS No.	Compound	LA58837-5 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	ND	41.7	19.2	46	50	25.2	50	27*	16-169/26
87-68-3	Hexachlorobutadiene	ND	16.7	10.5	63	20	6.2	31	51	8-154/68
98-82-8	Isopropylbenzene	ND	16.7	8.8	53	20	8.5	43	3	12-186/18
99-87-6	p-Isopropyltoluene	ND	16.7	8.8	53	20	6.1	31	36*	15-171/18
74-83-9	Methyl Bromide	ND	16.7	9.5	57	20	12.5	63	27	1-178/40
74-87-3	Methyl Chloride	ND	16.7	10.6	64	20	13.7	69	26	1-151/37
74-95-3	Methylene Bromide	ND	16.7	10.4	62	20	13.2	66	24*	39-143/14
75-09-2	Methylene Chloride	1.2	16.7	12.1	65	20	12.7	58	5	27-147/18
78-93-3	Methyl Ethyl Ketone	ND	41.7	23.6	57	50	27.7	55	16	29-156/32
108-10-1	4-Methyl-2-pentanone	ND	41.7	22.3	54	50	26.8	54	18	33-160/23
1634-04-4	Methyl Tert Butyl Ether	ND	16.7	10.7	64	20	13.5	68	23*	37-145/14
91-20-3	Naphthalene	ND	16.7	8.0	48	20	8.4	42	5	1-192/73
103-65-1	n-Propylbenzene	ND	16.7	9.4	56	20	7.3	37	25*	8-170/17
100-42-5	Styrene	ND	16.7	8.8	53	20	9.1	46	3	24-165/13
630-20-6	1,1,1,2-Tetrachloroethane	ND	16.7	9.8	59	20	11.6	58	17*	33-140/13
79-34-5	1,1,2,2-Tetrachloroethane	ND	16.7	9.2	55	20	11.1	56	19	33-146/48
127-18-4	Tetrachloroethylene	ND	16.7	9.2	55	20	10.4	52	12	21-149/18
108-88-3	Toluene	ND	16.7	9.6	58	20	10.2	51	6	11-173/43
87-61-6	1,2,3-Trichlorobenzene	ND	16.7	8.3	50	20	7.3	37	13	17-154/66
120-82-1	1,2,4-Trichlorobenzene	ND	16.7	8.0	48	20	6.8	34	16	15-155/65
71-55-6	1,1,1-Trichloroethane	ND	16.7	10.3	62	20	12.2	61	17*	31-142/16
79-00-5	1,1,2-Trichloroethane	ND	16.7	9.7	58	20	11.8	59	20*	11-185/16
79-01-6	Trichloroethylene	ND	16.7	10.2	61	20	11.7	59	14	21-154/15
75-69-4	Trichlorofluoromethane	ND	16.7	9.7	58	20	12.2	61	23	1-163/27
96-18-4	1,2,3-Trichloropropane	ND	16.7	9.0	54	20	10.5	53	15	33-157/18
95-63-6	1,2,4-Trimethylbenzene	ND	16.7	8.3	50*	20	7.3	37*	13	90-183/15
108-67-8	1,3,5-Trimethylbenzene	ND	16.7	8.2	49	20	7.2	36	13	10-179/14
108-05-4	Vinyl Acetate	ND	16.7	10.1	61	20	11.6	58	14	14-146/16
75-01-4	Vinyl Chloride	ND	16.7	9.7	58	20	12.6	63	26*	32-153/15
	m,p-Xylene	ND	33.3	20.1	60	40	20.2	51	0	14-175/12
95-47-6	o-Xylene	ND	16.7	9.7	58	20	10.2	51	5	19-167/13
1330-20-7	Xylene (total)	ND	50	29.8	60	60	30.3	51	2	14-172/12

* = Outside of Control Limits.

5.3.1
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
LA58837-5MS	2H0059542.D	1	10/30/19	LS	n/a	n/a	V2H2369
LA58837-5MSD	2H0059543.D	1	10/31/19	LS	n/a	n/a	V2H2369
LA58837-5	2H0059536.D	1	10/30/19	LS	n/a	n/a	V2H2369

The QC reported here applies to the following samples:

Method: SW846 8260B

LA58706-5

CAS No.	Surrogate Recoveries	MS	MSD	LA58837-5	Limits
17060-07-0	1,2-Dichloroethane-D4	97%	96%	109%	59-143%
2037-26-5	Toluene-D8	104%	101%	104%	52-159%
460-00-4	4-Bromofluorobenzene	97%	103%	99%	38-183%

* = Outside of Control Limits.

5.3.1
5

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: LA58706
Account: ATCNCR ATC Group Services LLC
Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLA2740-MB1	LA347959.D	1	10/23/19	NN	n/a	n/a	GLA2740

The QC reported here applies to the following samples:

Method: SW846 8015C

LA58706-1, LA58706-2, LA58706-3, LA58706-4, LA58706-5, LA58706-6, LA58706-7, LA58706-8, LA58706-9, LA58706-10, LA58706-11, LA58706-12, LA58706-13, LA58706-14, LA58706-15, LA58706-16, LA58706-17, LA58706-18, LA58706-19, LA58706-20

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	93%	63-139%
540-36-3	1,4-Difluorobenzene	88%	52-140%

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLA2740-BS1	LA347955.D	1	10/23/19	NN	n/a	n/a	GLA2740
GLA2740-BSD1	LA347957.D	1	10/23/19	NN	n/a	n/a	GLA2740

The QC reported here applies to the following samples:

Method: SW846 8015C

LA58706-1, LA58706-2, LA58706-3, LA58706-4, LA58706-5, LA58706-6, LA58706-7, LA58706-8, LA58706-9, LA58706-10, LA58706-11, LA58706-12, LA58706-13, LA58706-14, LA58706-15, LA58706-16, LA58706-17, LA58706-18, LA58706-19, LA58706-20

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	50	49.7	99	49.0	98	1	79-121/6

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	91%	92%	63-139%
540-36-3	1,4-Difluorobenzene	86%	87%	52-140%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: LA58706
 Account: ATCNCR ATC Group Services LLC
 Project: Circle K#2720481, 3458 N. Main Street, Hope Mills, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
LA58706-20MS	LA348025.D	1	10/24/19	NN	n/a	n/a	GLA2740
LA58706-20MSD	LA348027.D	1	10/24/19	NN	n/a	n/a	GLA2740
LA58706-20	LA348023.D	1	10/23/19	NN	n/a	n/a	GLA2740

The QC reported here applies to the following samples: Method: SW846 8015C

LA58706-1, LA58706-2, LA58706-3, LA58706-4, LA58706-5, LA58706-6, LA58706-7, LA58706-8, LA58706-9, LA58706-10, LA58706-11, LA58706-12, LA58706-13, LA58706-14, LA58706-15, LA58706-16, LA58706-17, LA58706-18, LA58706-19, LA58706-20

CAS No.	Compound	LA58706-20 Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND	701	534	76*	701	546	2	79-121/6

CAS No.	Surrogate Recoveries	MS	MSD	LA58706-20	Limits
460-00-4	4-Bromofluorobenzene	91%	92%	94%	63-139%
540-36-3	1,4-Difluorobenzene	84%	86%	86%	52-140%

(a) Outside control limits due to matrix interference. Blank Spike meets acceptance criteria.

* = Outside of Control Limits.