

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

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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

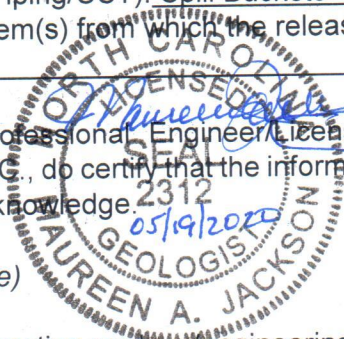
Cause of Release: Regular and Mid-Grade Gasoline Spill Buckets Failed Hydrostatic Tests

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**

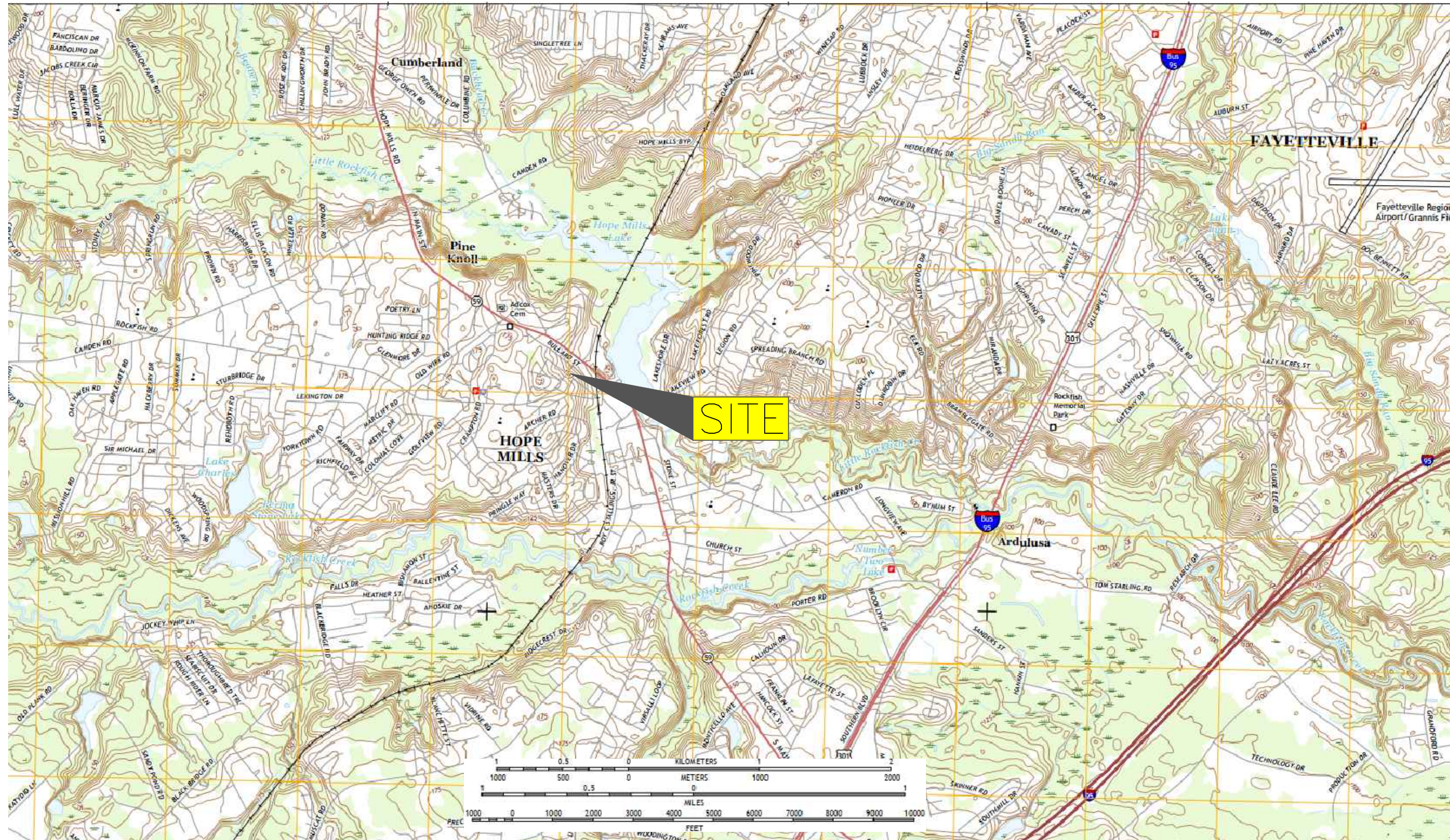
**CIRCLE K STORE #2723005
5617 ROCKFISH ROAD
HOPE MILLS, CUMBERLAND COUNTY, NORTH CAROLINA
FACILITY ID #00-0-0000011292**

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



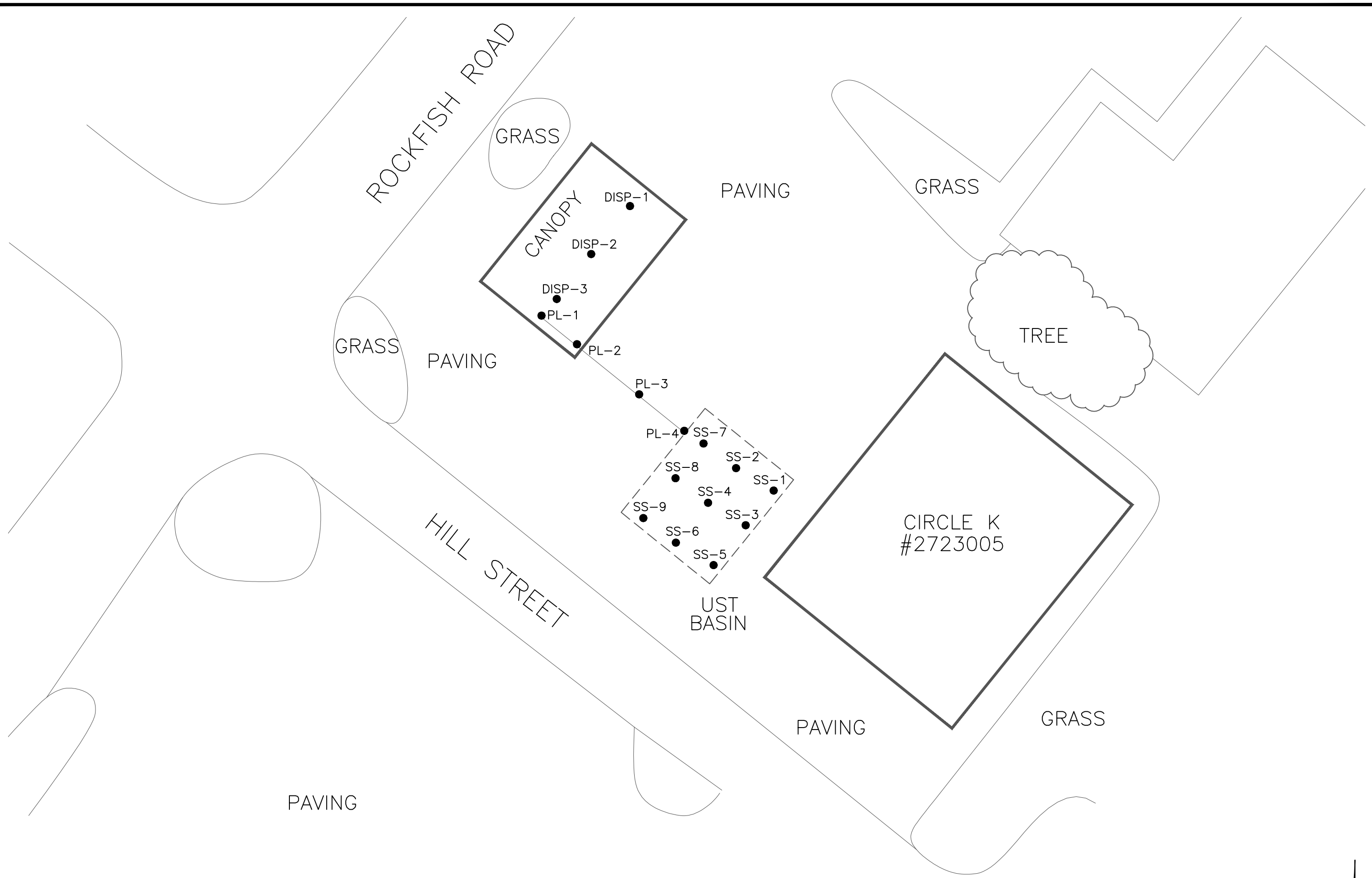
Project Number:	PANT3005SC
Drawing File:	
Date:	10/23/18
Scale:	AS SHOWN
Drn. By:	LB
Ckt. By:	
App'd By:	MU
FIGURE	1



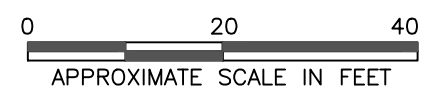
FIGURE 1
TOPOGRAPHIC MAP
 CIRCLE K #2723005
 5617 ROCKFISH ROAD
 HOPE MILLS, NORTH CAROLINA

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
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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"/>	

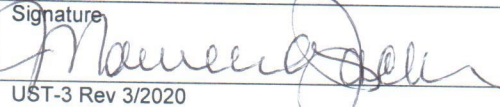
* Prior written approval to abandon a tank in place must be received from a DWM Regional Office.

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
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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 #2723005

Facility ID # (If known)
00-0-0000011292

Street Address
5617 Rockfish Road

City Hope Mills County Cumberland 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

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"/>

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

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] Benny 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 WILSON</i>	Signature <i>(Agent for Cirok H)</i>	Mo. / Day / Yr. <i>4-21-20</i>
--	---	-----------------------------------

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>Ronald Stovall</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>Chuck Emore</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>Chuck Emore</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 Consent 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.

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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
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**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
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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

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	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.	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

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.	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	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		

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		
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.	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		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.	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

3.4
3

Client Sample ID: SS-4 Lab Sample ID: LA63671-4 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: 85.8
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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	Date Sampled: 05/05/20
Lab Sample ID: LA63671-5	Date Received: 05/07/20
Matrix: SO - Soil	Percent Solids: 89.1
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	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

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 8015C		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	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

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 8015C		Percent Solids: 86.3
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	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		
Lab Sample ID: LA63671-8		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		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	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		
Lab Sample ID: LA63671-8		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 91.9
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	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		
Lab Sample ID: LA63671-9		Date Sampled: 05/05/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		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	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

3.9
3

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

Run #1	Initial Weight
Run #2	5.2 g

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		
Lab Sample ID: LA63671-10		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.	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 Matrix: SO - Soil Method: SW846 8015C Project: Circle K Store #2723005, 5617 Rockfish Road, Hope Mills, NC	Date Sampled: 05/06/20 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	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		
Lab Sample ID: LA63671-12		Date Sampled: 05/06/20
Matrix: SO - Soil		Date Received: 05/07/20
Method: SW846 8260D		Percent Solids: 84.2
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	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	Date Sampled:	05/06/20
Lab Sample ID:	LA63671-13	Date Received:	05/07/20
Matrix:	SO - Soil	Percent Solids:	91.2
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	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	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		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2H0064613.D	1	05/13/20 00:01	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	0.0014	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		
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.	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	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		

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	
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.	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	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		

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		
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.	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 70560
TEL: 557.237.4776 FAX: 337.237.7838
www.sgs.com/ENHSL68

LAB 3671

Client/Reporting Information: ATC Group Services, Circle K Store # 2723005
Project Information: 5617 Rockfish Rd, Hope Mills, NC
Collection Table with columns: Site, Field ID / Point of Collection, Comp, Line, Time, Sample, etc.
Turnaround Time: Standard 10 Business Days
Data Deliverable Information: Commercial "A" (Level 1), Commercial "B" (Level 2), etc.
Chain of Custody: Received by: 1. Frank Beecher, 2. JFE, 3. JFE, 4. JFE, 5. JFE

4.1
4





CHAIN OF CUSTODY

SGS North America Inc. - Scott
 500 Ambassador Caffery Parkway, Scott, LA 70185
 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		Requested Analysis 9260 IS TPH-600		Matrix Codes DW - Drinking Water EW - Ground Water SW - Surface Water SC - Soil SI - Sludge ES - Sediment OI - Oil LI - Other Liquid AR - Air SO - Other Solid WP - Waste FB - Field Blank EB - Equipment Blank RB - River Blank TB - Tap Water	
Client Address 2725 E. m. Wilbrook Rd Raleigh, NC 27604		Project Address 5617 Rockfish Rd Hapeville, NC		Billing Information (if different from Project to)			
Project Contact Margaret Jackson		Project Contact Margaret Jackson		Client Address			
Phone # 919-871-0999		Phone # 919-871-0999		City			
Company Website Frank Beecher		Project Manager Margaret Jackson		State			
Project ID / Point of Collection		Date		Time		Status	
13 PL-1	C	5/6/20	12:15	FB	6:45		
14 PL-2			12:30				
15 PL-3			13:45				
16 PL-4			13:00				
Turnaround Time (Business days)		Approved By (SGS PM) / Date:		Data Deliverable Information		Comments / Special Instructions	
<input checked="" type="checkbox"/> Standard 10 Business Days <input type="checkbox"/> 5 Business Days RUSH <input type="checkbox"/> 4 Business Days RUSH <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY <input type="checkbox"/> Other		<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> FULLT1 (Level 3+4) <input type="checkbox"/> REDT1 (Level 3+5) <input type="checkbox"/> Commercial "C" Commercial "A" = Results Only Commercial "B" = Results + OC Summary Commercial "C" = Results + OC Summary - Partial Raw Data		<input type="checkbox"/> TRRP <input type="checkbox"/> RECAP <input type="checkbox"/> State Forms <input type="checkbox"/> EDO Format <input type="checkbox"/> Other		Note: Sample inventory is verified upon receipt in the Laboratory TP Rates PREM Raleigh, NC 800 Service Center	
Emergency & Rush T/A data available via Lablink.		Approval needed for RUSH/Emergency TAT		Sample Custody must be documented below each time samples change possession, including courier delivery.			
1 Received by: Frank Beecher Date/Time: 5/6/20 13:15	2 Received by: [Signature] Date/Time: 5/6/20 8:30	3 Received by: [Signature] Date/Time: 5/7/20 8:30	4 Received by: [Signature] Date/Time: 5/7/20 8:30	5 Received by: [Signature] Date/Time: 5/7/20 8:30	6 Received by: [Signature] Date/Time: 5/7/20 8:30	Preserved where applicable On Ice 4.5 Cooler Temp. 4.5	

http://www.sgs.com/en/usa/standard-conditions



Handwritten notes: (1) 402 Jan, (2) 4011 5/15/15, (3) 4011 5/15/15, (4) 4011 5/15/15, (5) 4011 5/15/15, (6) 4011 5/15/15

UNITED STATES
TO SAMPLE RECEIVING
SGS ACCUTEST LA
109 COMMISSION BLVD
HOLD AT FEDEX LOCATION
LAFAYETTE LA 70508

(918) 208-7171
 REF: CIRCLE K 272 3005

SHIP: 0111111111

FEDEX
 EXPRESS

TRK# 40419 0201 4710
 TRK# 4913 8691 4710

RETURNS MON - SAT
PRIORITY OVERNIGHT
THU - 07 MAY 10:30A
PRIORITY OVERNIGHT

70508
 LA-15
 LFT

XHLETA

FTD 335925 000000 1101 58023/2929/6040

LA63671: Chain of Custody
Page 3 of 4

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</u> | <u>or</u> | <u>N</u> | | <u>Y</u> | <u>or</u> | <u>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</u> | <u>or</u> | <u>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</u> | <u>or</u> | <u>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</u> | <u>or</u> | <u>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
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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
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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
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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%

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
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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
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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.

5.2.3
5

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%

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%

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.