



MAR 15 2022



BAHUCHAR MATA LLC  
ATTN MR MIKE PATEL  
311 OAKMOTE CIRCLE  
GREENWOOD SC 29649

Re: Free Product Removal Plan Request  
Quick Pantry 19, 1802 S. Main St., Greenwood, SC  
UST Permit #04785  
Release #02 reported March 09, 2021  
Release #03 reported September 28, 2021  
Assessment report received February 14, 2022  
Greenwood County

Dear Mr. Patel:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced reports. As discussed in the meeting on March 1, 2022 with you and your contractor the following is requested.

In accordance with South Carolina UST Control Regulations (R. 61-92 § 280.64), Free Product (FP) removal will be required. FP removal must be conducted in a manner that minimizes the spread of contamination into previously uncontaminated zones using recovery and disposal techniques appropriate to the hydrogeologic conditions at the site, and that properly treats discharges or disposes of recovery byproducts in compliance with applicable local, state, and federal regulations. Of specific concern to be addressed in the plan is FP observed in the subsurface, the recovery trench, the surface water drainage creek, and other surface water drainage features/utilities impacted with free product or petroleum contaminated groundwater.

Abatement of FP migration is the minimum objective for the design of the FP removal system. Flammable products must be handled in a safe and competent manner to prevent fires or explosions. The FP Removal Plan and subsequent reports should include the name of the person(s) responsible for implementing the free product removal measures; The estimated quantity, type, and thickness of free product observed, or measured in wells, boreholes, and excavations; The type of free product recovery system to be used; Whether any discharge will take place on-site or off-site during recovery operations and where the discharge will be located; The type of treatment applied to, and the effluent quality expected from, any discharge or waste; The steps that have been or are being taken to obtain necessary permits for any discharge; as well as the amounts and disposition of the recovered FP.

**Your contractor must complete and submit the Free Product Removal Plan within 30 days of the date of this letter. Please note that approval form DHEC must be issued before work begins.**

According to our records Bahuchar Mata, LLC has not paid the civil penalties for failing to prevent fuel from being delivered into an UST under Delivery Prohibition (R.61-92, Section 280.26(f)). In accordance with Section 44-2-60 (B)(2) of the SUPERB Act, the department may not disperse SUPERB Account monies to any person(s) for the rehabilitation of a petroleum product release from any underground storage tank or underground storage tank system where all past and present fees and penalties owed on the applicable tank have not been paid. Therefore, as civil penalties are owed for the applicable tank system, SUPERB monies cannot be dispersed. Until such time that all past fees and/or penalties have been paid, Bahuchar Mata, LLC. will be required to undertake site rehabilitation activities without SUPERB reimbursement according to Federal and State Regulations. Currently Bahuchar Mata, LLC owes \$8,750.00 in civil penalties.

On all correspondence regarding this site, please reference UST Permit #04785. Should you have any questions, please contact me by phone (803) 898-0671, email [dunnra@dhec.sc.gov](mailto:dunnra@dhec.sc.gov), or fax (803) 898-0673.

Sincerely,



Robert A. Dunn, Hydrogeologist  
Corrective Action & Field Support Section  
Underground Storage Tank Management Division  
Bureau of Land and Waste Management

Cc: KLM Environmental LLC, PO Box 2704, Goose Creek, SC 29445  
Technical File





MAR 15 2022

BAHUCHAR MATA LLC  
ATTN MR MIKE PATEL  
311 OAKMOTE CIRCLE  
GREENWOOD SC 29649



Re: Site-Specific Work Plan Request for Groundwater Sampling  
Quick Pantry 19, 1802 S. Main St., Greenwood, SC  
UST Permit #04785  
Release #02 reported March 09, 2021  
Release #03 reported September 28, 2021  
Assessment report received February 14, 2022  
Greenwood County

Dear Mr. Patel:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced report. As discussed in the meeting on March 1, 2022 with you and your contractor the following is requested.

To monitor what risk the referenced release may pose to public health and the environment, and in accordance with South Carolina UST Control Regulations (R. 61-92 § 280.65), sampling of all existing monitoring wells plus all water supply wells and surface water bodies within 1,000 feet of the referenced facility as outlined in the most recent revision of the UST Management Division Quality Assurance Program Plan and your contractor's Annual Contractor Quality Assurance Plan (ACQP) is necessary.

Groundwater sampling events must be conducted quarterly in compliance with all applicable regulations once the Site-Specific Work Plan (SSWP) is approved. **Your contractor must complete and submit the SSWP within thirty (30) days of the date of this letter. Please note that approval from DHEC must be issued before work begins.**

According to our records Bahuchar Mata, LLC has not paid the civil penalties for failing to prevent fuel from being delivered into an UST under Delivery Prohibition (R.61-92, Section 280.26(f)). In accordance with Section 44-2-60 (B)(2) of the SUPERB Act, the department may not disperse SUPERB Account monies to any person(s) for the rehabilitation of a petroleum product release from any underground storage tank or underground storage tank system where all past and present fees and penalties owed on the applicable tank have not been paid. Therefore, as civil penalties are owed for the applicable tank system, SUPERB monies cannot be dispersed. Until such time that all past fees and/or penalties have been paid, Bahuchar Mata, LLC. will be required to undertake site rehabilitation activities without SUPERB reimbursement according to Federal and State Regulations. Currently Bahuchar Mata, LLC owes \$8,750.00 in civil penalties.

Page 2  
UST Permit #04785

On all correspondence regarding this site, please reference UST Permit #04785. Should you have any questions, please contact me by email [dunnra@dhec.sc.gov](mailto:dunnra@dhec.sc.gov) or phone (803) 898-0671.

Sincerely,

A handwritten signature in black ink, appearing to read 'RAD', with a long horizontal flourish extending to the right.

Robert A. Dunn, Hydrogeologist  
Corrective Action & Field Support Section  
Underground Storage Tank Management Division  
Bureau of Land and Waste Management

Cc: KLM Environmental LLC, PO Box 2704, Goose Creek, SC 29445  
Technical File



**Site-Specific Work Plan for Approved ACQAP  
Underground Storage Tank Management Division**



To: Robert Dunn (SCDHEC Project Manager)  
 From: Mark L. Keller, PG (Contractor Project Manager)  
 Contractor: KLM Environmental, LLC UST Contractor Certification Number: 345

Facility Name: Quick Pantry # 19 UST Permit #: 04785  
 Facility Address: 1802 S. Main Street, Greenwood, SC  
 Responsible Party: Bahuchar Mata, LLC Phone: 864-378-6993  
 RP Address: 311 Oakmonte Circle, Greenwood, SC 29649  
 Property Owner (if different): SMVS Real Estate  
 Property Owner Address: 1802 S. Main Street, Greenwood, SC 29646  
 Current Use of Property: Convenience Store and Gasoline Station



**Scope of Work** (Please check all that apply)

- IGWA       Tier II       Groundwater Sampling       GAC  
 Tier I       Monitoring Well Installation       Other \_\_\_\_\_

**Analyses** (Please check all that apply)

Groundwater/Surface Water:

- |  |  |                                      |   |
|--|--|--------------------------------------|---|
| <input checked="" type="checkbox"/> BTEXNMDCA (8260D)  | <input type="checkbox"/> Lead          | <input type="checkbox"/> BOD         | <input type="checkbox"/> Methane        |
| <input checked="" type="checkbox"/> Oxygenates (8260D) | <input type="checkbox"/> 8 RCRA Metals | <input type="checkbox"/> Nitrate     | <input type="checkbox"/> Ethanol        |
| <input checked="" type="checkbox"/> EDB (8011)         | <input type="checkbox"/> TPH           | <input type="checkbox"/> Sulfate     | <input type="checkbox"/> Dissolved Iron |
| <input type="checkbox"/> PAH (8270E)                   | <input type="checkbox"/> pH            | <input type="checkbox"/> Other _____ |   |

Drinking Water Supply Wells:

- BTEXNMDCA (524.2)       Mercury (200.8 245.1 or 245.2)       EDB (504.1)  
 Oxygenates & Ethanol (8260D)       RCRA Metals (200.8)

Soil:

- |                                 |  |  |  |                                     |
|---------------------------------|--|--|--|-------------------------------------|
| <input type="checkbox"/> BTEXNM | <input type="checkbox"/> Lead                | <input type="checkbox"/> RCRA Metals           | <input type="checkbox"/> TPH-DRO (3550B/8015B) | <input type="checkbox"/> Grain Size |
| <input type="checkbox"/> PAH    | <input type="checkbox"/> Oil & Grease (9071) | <input type="checkbox"/> TPH-GRO (5030B/8015B) | <input type="checkbox"/> TOC                   |                                     |

Air:

- BTEXN

**Sample Collection** (Estimate the number of samples of each matrix that are expected to be collected.)

_____ Soil	_____ Water Supply Wells	_____ Air	<u>2</u> Field Blank
<u>32</u> Monitoring Wells	<u>6</u> Surface Water	<u>2</u> Duplicate	<u>2</u> Trip Blank

**Field Screening Methodology**

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.  
 # of shallow points proposed: \_\_\_\_\_ Estimated Footage: \_\_\_\_\_ feet per point  
 # of deep points proposed: \_\_\_\_\_ Estimated Footage: \_\_\_\_\_ feet per point  
 Field Screening Methodology: \_\_\_\_\_

**Permanent Monitoring Wells**

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.  
 # of shallow wells: \_\_\_\_\_ Estimated Footage: \_\_\_\_\_ feet per point  
 # of deep wells: \_\_\_\_\_ Estimated Footage: \_\_\_\_\_ feet per point  
 # of recovery wells: \_\_\_\_\_ Estimated Footage: \_\_\_\_\_ feet per point  
 Comments, if warranted: If warranted, wells could be installed to delineate free product and possible contamination in the pond area if found.  
 \_\_\_\_\_

UST Permit #: 04785 Facility Name: Quick Pantry # 19

**Implementation Schedule** (Number of calendar days from approval)

Field Work Start-Up: 30 DAYS Field Work Completion: 60 DAYS

Report Submittal: 90 DAYS # of Copies Provided to Property Owners: 4

**Aquifer Characterization**

Pump Test:  Slug Test:  (Check one and provide explanation below for choice)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Investigation Derived Waste Disposal**

Soil: \_\_\_\_\_ Tons Purge Water: 125 Gallons  
Drilling Fluids: \_\_\_\_\_ Gallons Free-Phase Product: \_\_\_\_\_ Gallons

**Additional Details For This Scope of Work**

For example, list wells to be sampled, wells to be abandoned/repared, well pads/bolts/caps to replace, details of AFVR event, etc.

Sample all monitoring wells associated with the site. If free product is present in a well, sampling below the free product is required for this event. Sample all surface water bodies in the same locations as the Tier II. Please take photographs at each surface water sampling location to identify it in the future.

Please take photographs of free product in bailers as required in the QAPP. Only purge wells that do not bracket the water table.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Compliance With Annual Contractor Quality Assurance Plan (ACQAP)**

Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.

Name of Laboratory: \_\_\_\_\_

SCDHEC Certification Number: \_\_\_\_\_

Name of Laboratory Director: \_\_\_\_\_

NA Well Driller as indicated in ACQAP? (Yes/No) If no, indicate driller information below.

Name of Well Driller: \_\_\_\_\_

SCLLR Certification Number: \_\_\_\_\_

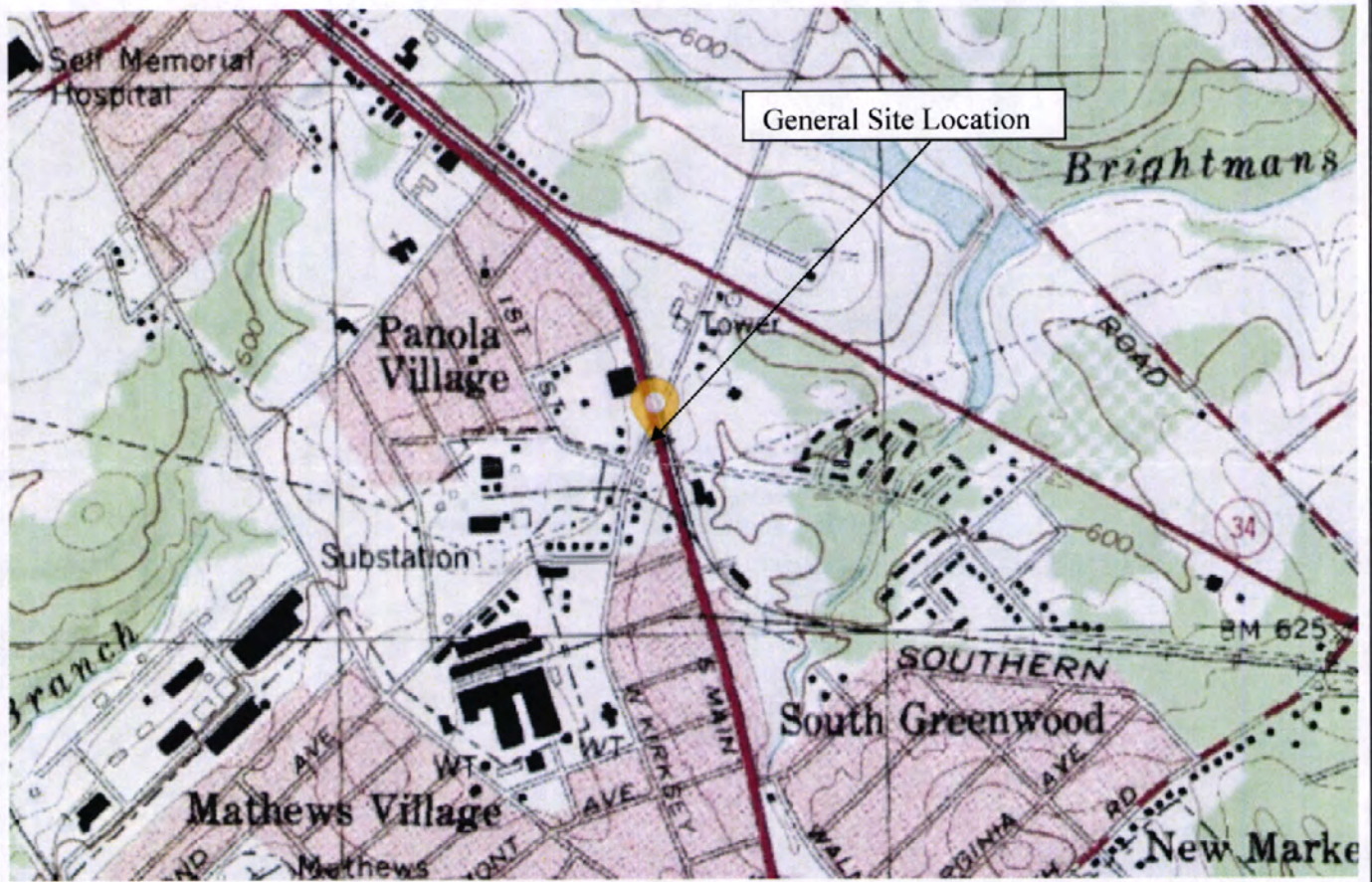
\_\_\_\_ Other variations from ACQAP. Please describe below.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Attachments**

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:  
North Arrow Proposed monitoring well locations  
Location of property lines Legend with facility name and address, UST permit number, and bar scale  
Location of buildings Streets or highways (indicate names and numbers)  
Previous soil sampling locations Location of all present and former ASTs and USTs  
Previous monitoring well locations Location of all potential receptors  
Proposed soil boring locations
3. Assessment Component Cost Agreement, SCDHEC Form D-3664





**KLM Environmental, LLC**

Phase I-Phase II Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 1  
USGS Map  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785





**FIGURE 2a**  
**SITE MAP ONE**  
**QUICK PANTRY # 19**  
**GREENWOOD, SC UST # 04785**





**ASSESSMENT COMPONENT COST AGREEMENT  
SOUTH CAROLINA**

Department of Health and Environmental Control  
Underground Storage Tank Management Division  
State Underground Petroleum Environmental Response Bank Account  
January 1, 2020

Facility Name: Quick Pantry # 19

UST Permit #: 04785

Cost Agreement #: \_\_\_\_\_

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
<b>A. Plan Preparation</b>				
1. Site-specific Work Plan	1	each	\$160.05	\$160.05
2. Tax Map		each	\$74.69	\$0.00
3. Tier II or Comp. Plan /QAPP Appendix B		each	\$250.00	\$0.00
<b>B. Receptor Survey *</b>				
		each	\$587.92	\$0.00
<b>C. Survey (500 ft x 500 ft)</b>				
1. Comprehensive Survey		each	\$1,109.68	\$0.00
Subsurface Geophysical Survey				
2. < 10 meters below grade		each	\$1,387.10	\$0.00
3. > 10 meters below grade		each	\$2,464.77	\$0.00
4. Geophysical UST or Drum Survey		each	\$970.97	\$0.00
<b>D. Mob/Demob</b>				
1. Equipment		each	\$1,088.34	\$0.00
2. Personnel	J,J,Q	each	\$451.34	\$1,354.02
3. Adverse Terrain Vehicle		each	\$533.50	\$0.00
<b>E.. Soil Borings (hand auger)*</b>				
		foot	\$5.34	\$0.00
<b>F. Soil Borings (requiring equipment, push technology, etc) or Field Screening (including water ssample, soil sample, soil gas sample, etc.)*</b>				
1. Standard		per foot	\$16.01	\$0.00
2. Fractured Rock		per foot	\$21.55	\$0.00
<b>G. Soil Leachability Model</b>				
		each	\$64.02	\$0.00
<b>H. Abandonment (per foot)*</b>				
1. 2" diameter or less		per foot	\$3.31	\$0.00
2. Greater than 2" to 6" diameter		per foot	\$4.80	\$0.00
3. Dug/Bored well (up to 6 feet diameter)		per foot	\$16.00	\$0.00
<b>I. Well Installation (per foot)*</b>				
1. Water Table (hand augered)		per foot	\$11.31	\$0.00
2. Water Table (drill rig) 2" Diameter		per foot	\$40.55	\$0.00
3. Telescoping		per foot	\$53.35	\$0.00
4. Rock Drilling		per foot	\$61.89	\$0.00
5. 2" Rock Coring		per foot	\$32.97	\$0.00
6. Rock Multi-sampling ports/screens		per foot	\$35.64	\$0.00
7. Recovery Well (4" diameter)		per foot	\$48.02	\$0.00
8. Pushed Pre-packed screen (1.25" dia)		per foot	\$16.01	\$0.00
9. Rotosonic (2" diameter)		per foot	\$46.95	\$0.00
10. Re-develop Existing Well		per foot	\$11.74	\$0.00

<b>J. Groundwater Sample Collection / Gauge Depth to Water or Product *</b>				
1. Groundwater Purge	4	per well	\$64.02	\$256.08
2. Air or Vapors		sample	\$12.80	\$0.00
3. Water Supply Sample or Duplicate		sample	\$23.47	\$0.00
4. Groundwater No Purge or Duplicate or Grab	36	sample	\$29.88	\$1,075.68
5. Gauge Well only		sample	\$7.47	\$0.00
6. Sample Below Product	16	sample	\$12.80	\$204.80
7. Passive Diffusion Bag		sample	\$27.74	\$0.00
8. Field Blank	2	sample	\$26.25	\$52.50
9. Groundwater (low flow purge)		sample	\$97.10	\$0.00
10. Equipment Blank	1	sample	\$26.25	\$26.25
<b>K. Laboratory Analyses-Groundwater</b>				
1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	45	per sample	\$130.17	\$5,857.65
2. Lead, Filtered		per sample	\$14.72	\$0.00
3. Rush EPA Method 8260B		per sample	\$163.89	\$0.00
4. Trimethal, Butyl, and Isopropyl Benzenes		per sample	\$29.88	\$0.00
5. PAH's		per sample	\$64.66	\$0.00
6. Lead		per sample	\$17.07	\$0.00
7. EDB by EPA 8011	44	per sample	\$48.23	\$2,122.12
8. EDB by EPA Method 8011 Rush		per sample	\$72.77	\$0.00
9. 8 RCRA Metals		per sample	\$67.65	\$0.00
10. TPH (9070)		per sample	\$43.75	\$0.00
11. PH		per sample	\$5.55	\$0.00
12. BOD		per sample	\$21.34	\$0.00
13. Ethanol		per sample	\$15.79	\$0.00
<b>K. Analyses-Drinking Water</b>				
14. BTEXNM+1,2 DCA (524.2)		per sample	\$132.36	\$0.00
15. 7-OXYGENATES & ETHANOL (8260B)		per sample	\$97.90	\$0.00
16. EDB (504.1)		per sample	\$84.83	\$0.00
17. RCRA METALS (200.8)		per sample	\$106.70	\$0.00
<b>K. Analyses-Soil</b>				
18. BTEX + Naphth.		per sample	\$68.29	\$0.00
19. PAH's		per sample	\$68.33	\$0.00
20. 8 RCRA Metals		per sample	\$60.18	\$0.00
21. TPH-DRO (3550C/8015C)		per sample	\$42.68	\$0.00
22. TPH- GRO (5035B/8015C)		per sample	\$38.37	\$0.00
23. Grain size/hydrometer		per sample	\$110.97	\$0.00
24. Total Organic Carbon		per sample	\$32.65	\$0.00
<b>K. Analyses-Air</b>				
25. BTEX + Naphthalene		per sample	\$230.47	\$0.00
<b>K. Analyses-Free Phase Product</b>				
26. Hydrocarbon Fuel Identification		per sample	\$380.92	\$0.00
<b>L. Aquifer Characterization*</b>				
1. Pumping Test		per hour	\$24.54	\$0.00
2. Slug Test		per test	\$203.80	\$0.00
3. Fractured Rock		per test	\$106.70	\$0.00

<b>M. Free Product Recovery Rate Test*</b>		each	\$40.55	\$0.00
<b>N. Fate/Transport Modeling</b>				
1. Mathematical Model		each	\$106.70	\$0.00
2. Computer Model		each	\$106.70	\$0.00
<b>O. Risk Evaluation</b>				
1. Tier I Risk Evaluation		each	\$320.10	\$0.00
2. Tier II Risk Evaluation		each	\$106.70	\$0.00
<b>P. Subsequent Survey*</b>		each	\$260.00	\$0.00
<b>Q. Disposal (gallons or tons)*</b>				
1. Wastewater	125	gallon	\$0.60	\$75.00
2. Free Product		gallon	\$0.53	\$0.00
3. Soil Treatment/Disposal		ton	\$64.02	\$0.00
4. Drilling fluids		gallon	\$0.45	\$0.00
<b>R. Miscellaneous (attach receipts)</b>				
		each	\$0.00	\$0.00
		each	\$0.00	\$0.00
		each	\$0.00	\$0.00
<b>T. Tier I Assessment (Use DHEC 3665 form)</b>				
1. Southeast Region		standard	\$11,026.00	\$0.00
2. All Other Counties		standard	\$12,093.00	\$0.00
<b>U. IGWA (Use DHEC 3666 form)</b>				
1. Southeast Region		standard	\$3,803.00	\$0.00
2. All Other Counties		standard	\$4,123.00	\$0.00
<b>22. Corrective Action (Use DHEC 3667 form)</b>		PFM Bid		\$0.00
<b>W. Aggressive Fluid &amp; Vapor Recovery (AFVR)</b>				
1. 8-hour Event*		per event	\$1,467.13	\$0.00
2. 24-hour Event*		per event	\$4,081.28	\$0.00
3. 48-hour Event*		per event	\$6,706.10	\$0.00
4. 96-hour Event*		per event	\$13,409.52	\$0.00
5. Off-gas Treatment 8 hour		per event	\$130.71	\$0.00
6. Off-gas Treatment 24 hour		per event	\$257.68	\$0.00
7. Off-gas Treatment 48 hour		per event	\$348.91	\$0.00
8. Off-gas Treatment 96 hour		per event	\$832.26	\$0.00
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	\$430.00	\$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	\$500.00	\$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	\$1,000.00	\$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	\$2,000.00	\$0.00
13. AFVR Effluent Disposal(w/chlorinated compounds)		gallon	\$0.50	\$0.00
14. AFVR Site Reconnaissance		each	\$216.87	\$0.00
15. Additional Hook-ups		each	\$27.48	\$0.00
16. AFVR Effluent Disposal		gallon	\$0.47	\$0.00
17. AFVR Mobilization/Demobilization		each	\$417.73	\$0.00
<b>X. Granulated Activated Carbon (GAC) filter system installation &amp; service:</b>				
1. New GAC System Installation*		each	\$2,027.30	\$0.00
2. Refurbished GAC Sys. Install*		each	\$960.30	\$0.00
3. Filter replacement/removal*		each	\$373.45	\$0.00
4. GAC System removal, cleaning, & refurbishment*		each	\$293.43	\$0.00
5. GAC System housing*		each	\$266.75	\$0.00

6. In-line particulate filter		each	\$160.05	\$0.00
7. Additional piping & fittings		foot	\$1.60	\$0.00
<b>Y. Well Repair</b>				
1. Additional Copies of the Report Delivered	4	each	\$53.35	\$213.40
2. Repair 2x2 MW pad*		each	\$53.35	\$0.00
3. Repair 4x4 MW pad*		each	\$93.90	\$0.00
4. Replace well vault*		each	\$125.91	\$0.00
5. Replace well cover bolts		each	\$2.77	\$0.00
6. Replace locking well cap & lock		each	\$16.00	\$0.00
7. Replace/Repair stick-up*		each	\$142.98	\$0.00
8. Convert Flush-mount to Stick-up*		each	\$160.05	\$0.00
9. Convert Stick-up to Flush-mount*		each	\$138.71	\$0.00
10. Replace missing/illegible well ID plate		each	\$12.80	\$0.00
<b>S. Report Prep &amp; Project Management</b>	12%	percent	\$11,397.55	\$1,367.71
<b>TOTAL</b>				<b>\$12,765.26</b>

DHEC D-4074 (1-2020) \*The appropriate mobilization cost can be added to complete these tasks, as necessary





Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

UST DOCKETING 148

To: Robert Dunn (SCDHEC Project Manager)
From: Mark L. Keller, PG (Contractor Project Manager)
Contractor: KLM Environmental, LLC UST Contractor Certification Number: 345

Facility Name: Quick Pantry # 19 UST Permit #: 04785
Facility Address: 1802 S. Main Street, Greenwood, SC
Responsible Party: Bahuchar Mata, LLC Phone: 864-378-6993
RP Address: 311 Oakmonte Circle, Greenwood, SC 29649
Property Owner (if different): SMVS Real Estate
Property Owner Address: 1802 S. Main Street, Greenwood, SC 29646
Current Use of Property: Convenience Store and Gasoline Station

UST Read MAR 30 2022 PROGRAM

Scope of Work (Please check all that apply)
IGWA Tier I Tier II Groundwater Sampling GAC
Monitoring Well Installation Other Free Product Removal

Analyses (Please check all that apply)
Groundwater/Surface Water:
BTEXNMDCA (8260D) Lead BOD Methane
Oxygenates (8260D) 8 RCRA Metals Nitrate Ethanol
EDB (8011) TPH Sulfate Dissolved Iron
PAH (8270E) pH Other
Drinking Water Supply Wells:
BTEXNMDCA (524.2) Mercury (200.8 245.1 or 245.2) EDB (504.1)
Oxygenates & Ethanol (8260D) RCRA Metals (200.8)
Soil:
BTEXNM Lead RCRA Metals TPH-DRO (3550B/8015B) Grain Size
PAH Oil & Grease (9071) TPH-GRO (5030B/8015B) TOC
Air:
BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)
Soil Water Supply Wells Air Field Blank
Monitoring Wells Surface Water Duplicate Trip Blank

Field Screening Methodology
Estimate number and total completed depth for each point, and include their proposed locations on the attached map.
# of shallow points proposed: Estimated Footage: feet per point
# of deep points proposed: Estimated Footage: feet per point
Field Screening Methodology:

Permanent Monitoring Wells
Estimate number and total completed depth for each well, and include their proposed locations on the attached map.
# of shallow wells: Estimated Footage: feet per point
# of deep wells: Estimated Footage: feet per point
# of recovery wells: Estimated Footage: feet per point
Comments, if warranted: !

UST Permit #: 04785 Facility Name: Quick Pantry # 19

**Implementation Schedule** (Number of calendar days from approval)  
Field Work Start-Up: 30 DAYS Field Work Completion: 100 DAYS  
Report Submittal: 120 DAYS # of Copies Provided to Property Owners: 2

**Aquifer Characterization**  
Pump Test:  Slug Test:  (Check one and provide explanation below for choice)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Investigation Derived Waste Disposal**  
Soil: \_\_\_\_\_ Tons Purge Water: 125 Gallons  
Drilling Fluids: \_\_\_\_\_ Gallons Free-Phase Product: \_\_\_\_\_ Gallons

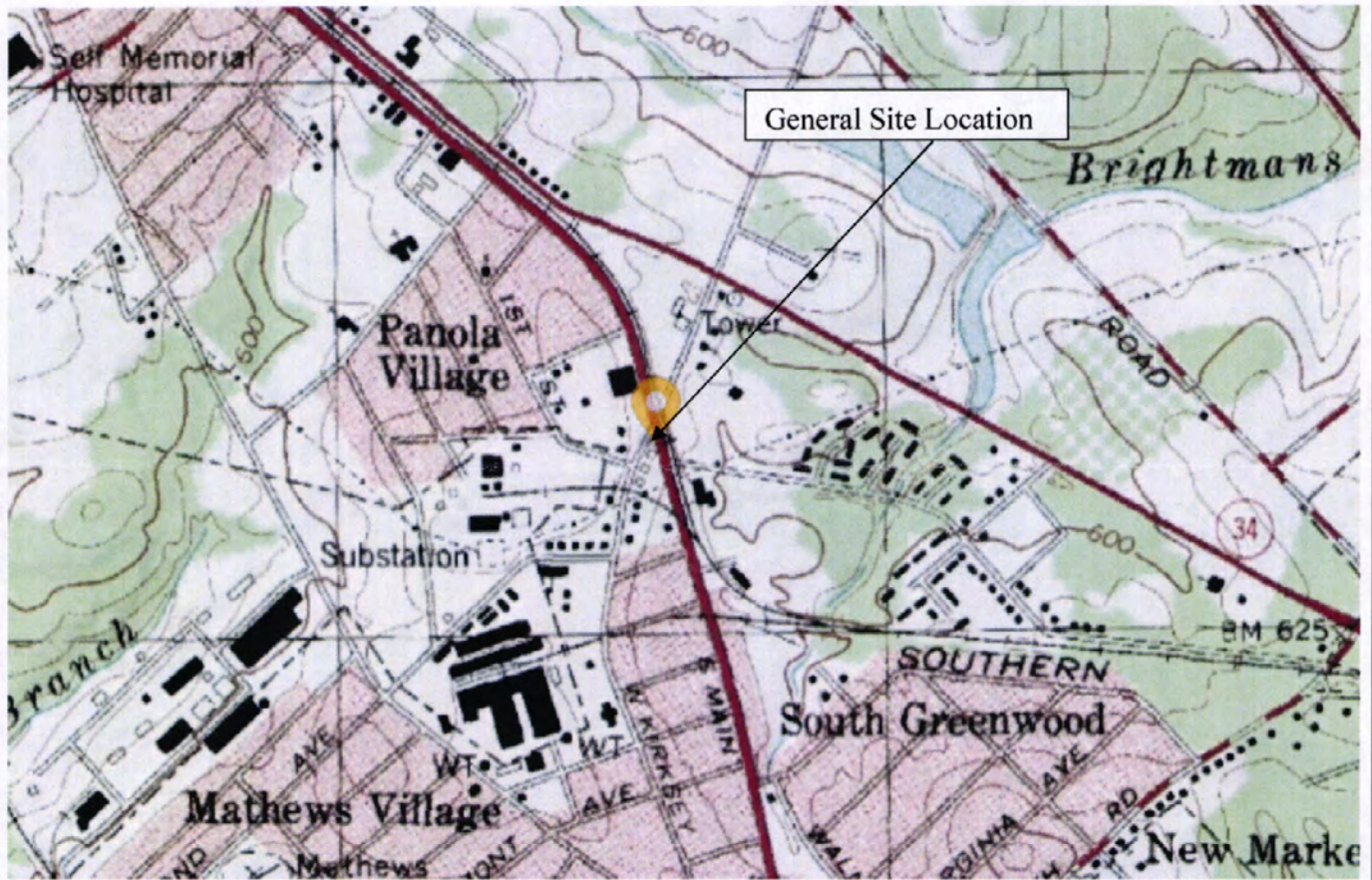
**Additional Details For This Scope of Work**  
For example, list wells to be sampled, wells to be abandoned/repared, well pads/bolts/caps to replace, details of AFVR event, etc.  
Conduct AFVR events to remove free phase product across the entire site. This technology has already proven effective at this site with over 1000 gallons of free product recovered and an additional 1100 gallons recovered as vapor. KLM proposes to conduct 5 AFVR events staged from the top of the plume to the bottom. The first event will be conducted in the tank pit area on wells that measure with free product to include Monitoring Well MW-1. The second event will be conducted on MW-3 and MW-5. The third event will utilize MW-7, MW-8, and MW-9. The fourth event will utilize MW-12 and MW-13. The last event will utilize MW-16 and MW-17 if product is present by that time. The wells will need to be hard piped as the distance between wells is high and soft hose will collapse over long distances thus reducing the effectiveness of the events. KLM will need to procure 2 inch pvc piping to conduct the last 3 events and will need to assemble the piping runs. Those additional costs will take more man hours than a typical AFVR event. As such, an additional personnel mobilization is proposed for each event.

**Compliance With Annual Contractor Quality Assurance Plan (ACQAP)**  
Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.  
Name of Laboratory: \_\_\_\_\_  
SCDHEC Certification Number: \_\_\_\_\_  
Name of Laboratory Director: \_\_\_\_\_  
  
NA Well Driller as indicated in ACQAP? (Yes/No) If no, indicate driller information below.  
Name of Well Driller: \_\_\_\_\_  
SCLLR Certification Number: \_\_\_\_\_  
  
\_\_\_\_ Other variations from ACQAP. Please describe below.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Attachments**

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:  
North Arrow Proposed monitoring well locations  
Location of property lines Legend with facility name and address, UST permit number, and bar scale  
Location of buildings Streets or highways (indicate names and numbers)  
Previous soil sampling locations Location of all present and former ASTs and USTs  
Previous monitoring well locations Location of all potential receptors  
Proposed soil boring locations
3. Assessment Component Cost Agreement, SCDHEC Form D-3664



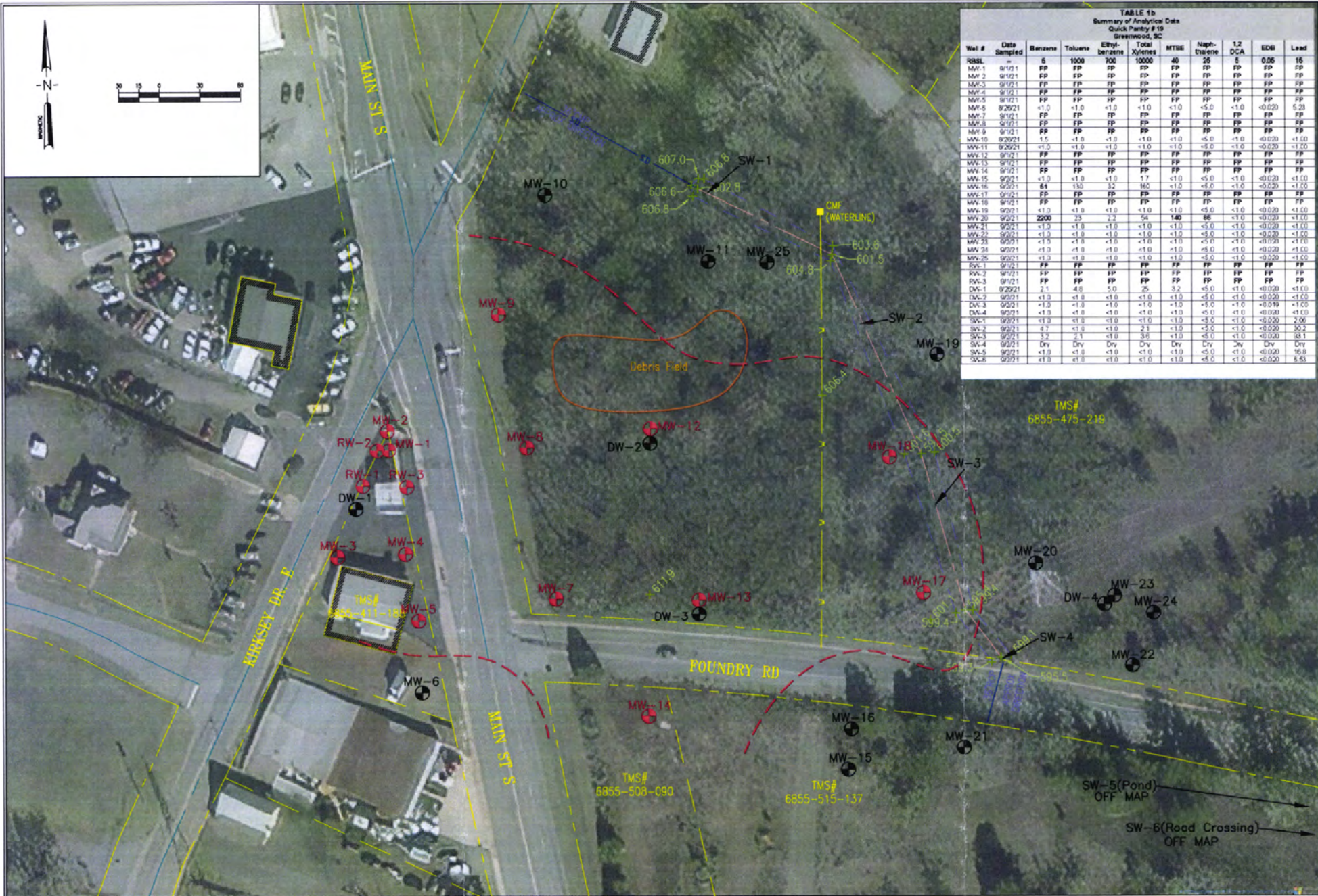
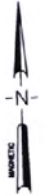


**KLM Environmental, LLC**

Phase I-Phase II Underground Storage Tanks Soil & Water Sampling Well Installation

Figure 1  
USGS Map  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785





**TABLE 1b**  
Summary of Analytical Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RSSL		5	1000	700	10000	40	25	5	0.06	16
MW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-4	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-5	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-6	8/20/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	5.23
MW-7	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-8	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-9	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-10	8/20/21	1.5	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-11	8/20/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-12	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-13	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-14	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-15	9/2/21	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020	<1.00
MW-16	9/2/21	51	130	32	365	<1.0	<5.0	<1.0	<0.020	<1.00
MW-17	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-18	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-19	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-20	9/2/21	2200	35	1.2	54	140	86	<1.0	<0.020	<1.00
MW-21	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-22	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-23	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-24	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-25	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
RW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
RW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
RW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
DW-1	9/20/21	2.1	4.8	5.0	25	3.2	<5.0	<1.0	<0.020	<1.00
DW-2	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-3	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-4	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-5	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-6	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-7	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-8	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-9	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-10	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-11	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-12	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-13	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-14	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-15	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-16	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-17	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-18	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-19	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-20	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-21	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-22	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-23	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-24	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-25	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00





**ASSESSMENT COMPONENT COST AGREEMENT  
SOUTH CAROLINA**

Department of Health and Environmental Control  
Underground Storage Tank Management Division  
State Underground Petroleum Environmental Response Bank Account  
January 1, 2020

Facility Name: Quick Pantry # 19

UST Permit #: 04785

Cost Agreement #: \_\_\_\_\_

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
<b>A. Plan Preparation</b>				
1. Site-specific Work Plan	1	each	\$160.05	\$160.05
2. Tax Map		each	\$74.69	\$0.00
3. Tier II or Comp. Plan /QAPP Appendix B		each	\$250.00	\$0.00
<b>B. Receptor Survey *</b>				
		each	\$587.92	\$0.00
<b>C. Survey (500 ft x 500 ft)</b>				
1. Comprehensive Survey Subsurface Geophysical Survey		each	\$1,109.68	\$0.00
2. < 10 meters below grade		each	\$1,387.10	\$0.00
3. > 10 meters below grade		each	\$2,464.77	\$0.00
4. Geophysical UST or Drum Survey		each	\$970.97	\$0.00
<b>D. Mob/Demob</b>				
1. Equipment R	1	each	\$1,088.34	\$1,088.34
2. Personnel J,R	10	each	\$451.34	\$4,513.40
3. Adverse Terrain Vehicle		each	\$533.50	\$0.00
<b>E. Soil Borings (hand auger)*</b>				
		foot	\$5.34	\$0.00
<b>F. Soil Borings (requiring equipment, push technology, etc) or Field Screening (including water sample, soil sample, soil gas sample, etc.)*</b>				
1. Standard		per foot	\$16.01	\$0.00
2. Fractured Rock		per foot	\$21.55	\$0.00
<b>G. Soil Leachability Model</b>				
		each	\$64.02	\$0.00
<b>H. Abandonment (per foot)*</b>				
1. 2" diameter or less		per foot	\$3.31	\$0.00
2. Greater than 2" to 6" diameter		per foot	\$4.80	\$0.00
3. Dug/Bored well (up to 6 feet diameter)		per foot	\$16.00	\$0.00
<b>I. Well Installation (per foot)*</b>				
1. Water Table (hand augered)		per foot	\$11.31	\$0.00
2. Water Table (drill rig) 2" Diameter		per foot	\$40.55	\$0.00
3. Telescoping		per foot	\$53.35	\$0.00
4. Rock Drilling		per foot	\$61.89	\$0.00
5. 2" Rock Coring		per foot	\$32.97	\$0.00
6. Rock Multi-sampling ports/screens		per foot	\$35.64	\$0.00
7. Recovery Well (4" diameter)		per foot	\$48.02	\$0.00
8. Pushed Pre-packed screen (1.25" dia)		per foot	\$16.01	\$0.00
9. Rotasonic (2" diameter)		per foot	\$46.95	\$0.00
10. Re-develop Existing Well		per foot	\$11.74	\$0.00



<b>J. Groundwater Sample Collection / Gauge Depth to Water or Product *</b>				
1. Groundwater Purge		per well	\$64.02	\$0.00
2. Air or Vapors		sample	\$12.80	\$0.00
3. Water Supply Sample or Duplicate		sample	\$23.47	\$0.00
4. Groundwater No Purge or Duplicate or Grab		sample	\$29.88	\$0.00
5. Gauge Well only	32	sample	\$7.47	\$239.04
6. Sample Below Product		sample	\$12.80	\$0.00
7. Passive Diffusion Bag		sample	\$27.74	\$0.00
8. Field Blank		sample	\$26.25	\$0.00
9. Groundwater (low flow purge)		sample	\$97.10	\$0.00
10. Equipment Blank		sample	\$26.25	\$0.00
<b>K. Laboratory Analyses-Groundwater</b>				
1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)		per sample	\$130.17	\$0.00
2. Lead, Filtered		per sample	\$14.72	\$0.00
3. Rush EPA Method 8260B		per sample	\$163.89	\$0.00
4. Trimethal, Butyl, and Isopropyl Benzenes		per sample	\$29.88	\$0.00
5. PAH's		per sample	\$64.66	\$0.00
6. Lead		per sample	\$17.07	\$0.00
7. EDB by EPA 8011		per sample	\$48.23	\$0.00
8. EDB by EPA Method 8011 Rush		per sample	\$72.77	\$0.00
9. 8 RCRA Metals		per sample	\$67.65	\$0.00
10. TPH (9070)		per sample	\$43.75	\$0.00
11. PH		per sample	\$5.55	\$0.00
12. BOD		per sample	\$21.34	\$0.00
13. Ethanol		per sample	\$15.79	\$0.00
<b>K. Analyses-Drinking Water</b>				
14. BTEXNM+1,2 DCA (524.2)		per sample	\$132.36	\$0.00
15. 7-OXYGENATES & ETHANOL (8260B)		per sample	\$97.90	\$0.00
16. EDB (504.1)		per sample	\$84.83	\$0.00
17. RCRA METALS (200.8)		per sample	\$106.70	\$0.00
<b>K. Analyses-Soil</b>				
18. BTEX + Naphth.		per sample	\$68.29	\$0.00
19. PAH's		per sample	\$68.33	\$0.00
20. 8 RCRA Metals		per sample	\$60.18	\$0.00
21. TPH-DRO (3550C/8015C)		per sample	\$42.68	\$0.00
22. TPH- GRO (5035B/8015C)		per sample	\$38.37	\$0.00
23. Grain size/hydrometer		per sample	\$110.97	\$0.00
24. Total Organic Carbon		per sample	\$32.65	\$0.00
<b>K. Analyses-Air</b>				
25. BTEX + Naphthalene		per sample	\$230.47	\$0.00
<b>K. Analyses-Free Phase Product</b>				
26. Hydrocarbon Fuel Identification		per sample	\$380.92	\$0.00
<b>L. Aquifer Characterization*</b>				
1. Pumping Test		per hour	\$24.54	\$0.00
2. Slug Test		per test	\$203.80	\$0.00
3. Fractured Rock		per test	\$106.70	\$0.00

<b>M. Free Product Recovery Rate Test*</b>		each	\$40.55	\$0.00
<b>N. Fate/Transport Modeling</b>				
1. Mathematical Model		each	\$106.70	\$0.00
2. Computer Model		each	\$106.70	\$0.00
<b>O. Risk Evaluation</b>				
1. Tier I Risk Evaluation		each	\$320.10	\$0.00
2. Tier II Risk Evaluation		each	\$106.70	\$0.00
<b>P. Subsequent Survey*</b>		each	\$260.00	\$0.00
<b>Q. Disposal (gallons or tons)*</b>				
1. Wastewater		gallon	\$0.60	\$0.00
2. Free Product	1500	gallon	\$0.53	\$795.00
3. Soil Treatment/Disposal		ton	\$64.02	\$0.00
4. Drilling fluids		gallon	\$0.45	\$0.00
<b>R. Miscellaneous (attach receipts)</b>				
<b>PVC Piping Runs to Distant Well in Wooded Areas</b>	1	each	\$806.69	\$806.69
<b>New Boom Installation</b>	1	each	\$277.98	\$277.98
<b>Old Boom Removal and Disposal</b>	1	each	\$100.00	\$100.00
<b>T. Tier I Assessment (Use DHEC 3665 form)</b>				
1. Southeast Region		standard	\$11,026.00	\$0.00
2. All Other Counties		standard	\$12,093.00	\$0.00
<b>U. IGWA (Use DHEC 3666 form)</b>				
1. Southeast Region		standard	\$3,803.00	\$0.00
2. All Other Counties		standard	\$4,123.00	\$0.00
<b>22. Corrective Action (Use DHEC 3667 form)</b>		PFM Bid		\$0.00
<b>W. Aggressive Fluid &amp; Vapor Recovery (AFVR)</b>				
1. 8-hour Event*		per event	\$1,467.13	\$0.00
2. 24-hour Event*		per event	\$4,081.28	\$0.00
3. 48-hour Event*		per event	\$6,706.10	\$0.00
4. 96-hour Event*	5	per event	\$13,409.52	\$67,047.60
5. Off-gas Treatment 8 hour		per event	\$130.71	\$0.00
6. Off-gas Treatment 24 hour		per event	\$257.68	\$0.00
7. Off-gas Treatment 48 hour		per event	\$348.91	\$0.00
8. Off-gas Treatment 96 hour	5	per event	\$832.26	\$4,161.30
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	\$430.00	\$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	\$500.00	\$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	\$1,000.00	\$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	\$2,000.00	\$0.00
13. AFVR Effluent Disposal(w/chlorinated compounds)		gallon	\$0.50	\$0.00
14. AFVR Site Reconnaissance	1	each	\$216.87	\$216.87
15. Additional Hook-ups		each	\$27.48	\$0.00
16. AFVR Effluent Disposal	25000	gallon	\$0.47	\$11,750.00
17. AFVR Mobilization/Demobilization	5	each	\$417.73	\$2,088.65
<b>X. Granulated Activated Carbon (GAC) filter system installation &amp; service:</b>				
1. New GAC System Installation*		each	\$2,027.30	\$0.00
2. Refurbished GAC Sys. Install*		each	\$960.30	\$0.00
3. Filter replacement/removal*		each	\$373.45	\$0.00
4. GAC System removal, cleaning, & refurbishment*		each	\$293.43	\$0.00
5. GAC System housing*		each	\$266.75	\$0.00

6. In-line particulate filter		each	\$160.05	\$0.00
7. Additional piping & fittings		foot	\$1.60	\$0.00
<b>Y. Well Repair</b>				
1. Additional Copies of the Report Delivered	4	each	\$53.35	\$213.40
2. Repair 2x2 MW pad*		each	\$53.35	\$0.00
3. Repair 4x4 MW pad*		each	\$93.90	\$0.00
4. Replace well vault*		each	\$125.91	\$0.00
5. Replace well cover bolts		each	\$2.77	\$0.00
6. Replace locking well cap & lock		each	\$16.00	\$0.00
7. Replace/Repair stick-up*		each	\$142.98	\$0.00
8. Convert Flush-mount to Stick-up*		each	\$160.05	\$0.00
9. Convert Stick-up to Flush-mount*		each	\$138.71	\$0.00
10. Replace missing/illegible well ID plate		each	\$12.80	\$0.00
<b>S. Report Prep &amp; Project Management</b>	12%	percent	\$93,458.32	\$11,215.00
<b>TOTAL</b>				<b>\$104,673.32</b>

DHEC D-4074 (1-2020) \*The appropriate mobilization cost can be added to complete these tasks, as necessary

## Shopping Cart

Deselect all items



**New Pig Oil-Only Absorbent Boom, 6 Gal Absorbency, 5" Dia x 10' L, Confine & Absorb Oil and Fuel Spills, White (4 Booms), BOM405**

In Stock

Prime FREE Delivery & FREE Returns

Gift options not available. [Learn more](#)

Qty: 2

Delete

Save for later

Compare with similar items

Price

**\$138.99**

Save more with  
Subscribe & Save

**Subtotal (2 items): \$277.98**



Healthy People. Healthy Communities.

BAHUCHAR MATA LLC  
ATTN: MIKE PATEL  
311 OAKMOTE CIRCLE  
GREENWOOD SC 29649

APR 06 2022



Re: **Site Specific Work Plan Approval and Groundwater Sampling Notice to Proceed**  
Quick Pantry #19, 1802 S. Main St., Greenwood, SC  
UST Permit #04785; CA #65289 & 65290  
Releases #2 and #3 reported March 9, 2021 and September 28, 2021  
SSWP received March 21, 2022  
Greenwood County

Dear Mr. Mata:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed and approved the referenced Site Specific Work Plan (SSWP) submitted by your contractor. The groundwater sampling event should begin immediately upon receipt of this letter. All work should be conducted in compliance with the current revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan, and all applicable regulations. The QAPP is available at [scdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance](http://scdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance).

Please note the following changes to the cost agreement and SSWP:

- The line items have been increased by 4X to allow for up to four quarterly sampling events as outlined in e-mail dated March 25, 2022.

**The Contractor must provide the UST Project Manager with a Project Status Report on a weekly basis via e-mail or notify the UST Project Manager via email 4 days prior to initiation of any site rehabilitation activities. If there are any changes or conflicts with the date(s) of site activities, the UST Project Manager must be contacted within 24 hours of those changes.**

**The Monitoring Report, contractor checklist (QAPP Appendix K), and invoice for the first event should be submitted to the UST Division within sixty (60) days from the date of this letter. Subsequent reports should be submitted on the previously requested schedule.** All reports submitted for these activities should include the required information outlined in the UST QAPP.

Your contractor can submit an invoice for each completed report for direct payment from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for pre-approved costs. If the first invoice is not submitted within 120 days from the date of this letter, monies allocated for this cost agreement will be uncommitted. This means that invoices will not be processed for payment until all other committed funds are paid or monies become available.



Pursuant to S.C. Code Ann. Section 44-2-40(D), "The SUPERB Account and the SUPERB Financial Responsibility Fund shall provide combined coverage for site rehabilitation and third party claims, respectively, not to exceed one million dollars per occurrence". According to UST Division records, approximately \$253,004.74 has been expended from the SUPERB Account for release #2 and \$9,826.51 for release #3 to date. This scope of work, as recommended by your contractor, is anticipated to cost approximately \$50,523.26.

Please note that Section 44-2-130 of the SUPERB Statute states that no costs will be allowed unless prior approval is obtained from DHEC. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be pre-approved by the UST Division for the cost to be paid. The UST Division reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the UST Division reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by a DHEC-certified site rehabilitation contractor as required by R.61-98.

The UST Division grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility following each sampling event. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to each report. If the Chemical of Concern (CoC) concentrations based on laboratory analysis is below Risk-Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on-site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

**If it is determined, upon review of any report, that data acquisition and site conditions meet the requirements established in Section A6.XVI of the QAPP, you and your contractor will be notified that all further work under this cost agreement will be terminated.**

On all correspondence concerning this site, please reference the above UST Permit number. Should you have any questions, please contact me by phone at (803) 898-0608, by fax at (803) 898-0673, or by email at [minerrs@dhec.sc.gov](mailto:minerrs@dhec.sc.gov).

Sincerely,

*Read S Miner*

Read S. Miner, P.G., Hydrogeologist  
Corrective Action & Field Support Section  
Underground Storage Tank Management Division  
Bureau of Land and Waste Management

enc: Approved Cost Agreement

cc: KLM Environmental, LLC, PO Box 2704, Goose Creek, SC 29445 (w/enc)  
Technical file (w/enc)

**Approved Cost Agreement**

**65289**

Facility: 04785 QUICK PANTRY 19

MINERRS

PO Number: 92338

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION					
		1 SITE SPECIFIC WORK PLAN	0.5000	\$160.050	80.03
D MOB/DEMOB					
		2 PERSONNEL	6.0000	\$451.340	2,708.04
J SAMPLE COLLECTION					
		1 GROUND WATER PURGE	8.0000	\$64.020	512.16
		10 EQUIPMENT BLANK	2.0000	\$26.250	52.50
		4 GROUNDWATER NO-PURGE/DUPL/GRAB	72.0000	\$29.880	2,151.36
		6 SAMPLE BELOW PRODUCT	32.0000	\$12.800	409.60
		8 FIELD BLANK	4.0000	\$26.250	105.00
K ANALYSES					
	GW GROUNDWATER	1 BTEXNM+OXYGS+1,2-DCA+ETH-8260B	90.0000	\$130.170	11,715.30
		7 EDB BY EPA 8011	88.0000	\$48.230	4,244.24
Q DISPOSAL					
		1 WASTEWATER	250.0000	\$0.600	150.00
S REPORT PROJECT MANAGEMENT					
		S REPORT PREP & PROJ. MANAGEMENT	0.1200	\$22,555.030	2,706.60
Y WELL REPAIR					
		1 ADDITIONAL COPIES OF REPORT	8.0000	\$53.350	426.80
<b>Total Amount</b>					<b>25,261.63</b>

**Approved Cost Agreement**

**65290**

Facility: 04785 QUICK PANTRY 19

MINERRS

PO Number: 92339

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION					
		1 SITE SPECIFIC WORK PLAN	0.5000	\$160.050	80.03
D MOB/DEMOB					
		2 PERSONNEL	6.0000	\$451.340	2,708.04
J SAMPLE COLLECTION					
		1 GROUND WATER PURGE	8.0000	\$64.020	512.16
		10 EQUIPMENT BLANK	2.0000	\$26.250	52.50
		4 GROUNDWATER NO-PURGE/DUPL/GRAB	72.0000	\$29.880	2,151.36
		6 SAMPLE BELOW PRODUCT	32.0000	\$12.800	409.60
		8 FIELD BLANK	4.0000	\$26.250	105.00
K ANALYSES					
	GW GROUNDWATER	1 BTEXNM+OXYGS+1,2-DCA+ETH-8260B	90.0000	\$130.170	11,715.30
		7 EDB BY EPA 8011	88.0000	\$48.230	4,244.24
Q DISPOSAL					
		1 WASTEWATER	250.0000	\$0.600	150.00
S REPORT PROJECT MANAGEMENT					
		S REPORT PREP & PROJ. MANAGEMENT	0.1200	\$22,555.030	2,706.60
Y WELL REPAIR					
		1 ADDITIONAL COPIES OF REPORT	8.0000	\$53.350	426.80
<b>Total Amount</b>					<b>25,261.63</b>



RONNEY SMITH  
1436 S MAIN ST.  
GREENWOOD, SC 29646

April 13, 2022

**Re: Site History Summary**

Quick Pantry 19, 1802 S Main St, Greenwood, SC  
Greenwood County  
UST Permit #04785  
Adjacent property belonging to B & R 86 LLC  
Tax map # 6855-475-219  
Request for Site History Summary received April 7, 2022

Dear Mr. Smith:

In response to your request for information about the environmental conditions associated with the referenced facility, the following is provided.

The Underground Storage Tank (UST) Management Division (Division) records indicate three (3) USTs were registered with the South Carolina Department of Health and Environmental Control (DHEC) by Bahuchar Mata LLC. USTs 1 and 3 are currently in operation and last inspected October 2, 2021. Violations were corrected and the UST system returned to compliance on February 9, 2022. UST-2 was filled in place with foam on January 24, 2022.

**Release 1**

On November 12, 1991, a petroleum release was reported at the facility assigned the UST permit number referenced above. The Division issued a No Further Action of this release on December 17, 1992, indicating that chemicals of concern were below risk-based screening levels, and no further work is anticipated under Release 1.

**Release 2**

On March 9, 2021, a petroleum release was reported at the facility assigned the UST permit number referenced above. Division records indicate that Bahuchar Mata LLC, the tank owner at the time of the above referenced release, complied with the regulatory requirements and performed the initial response actions outlined in R.61-92, Section 280.61. Bahuchar Mata LLC is actively cleaning up the petroleum chemicals of concern.

Release 2 of petroleum products from the facility assigned the UST permit number referenced above is qualified to receive funding under the conditions of the State Underground Petroleum Environmental Response Bank (SUPERB) Act. This means that

reasonable costs can be paid by the SUPERB Account for a combined coverage of \$1,000,000 for site rehabilitation actions and third-party claims associated with Release 2. Bahuchar Mata LLC, as the tank owner at the time of the above referenced release, currently retains responsibility under state and federal law for any additional actions and associated costs for Release 2 should site rehabilitation cost exceed \$1,000,000.

### **Release 3**

On September 28, 2021, a petroleum release was reported at the facility assigned the UST permit number referenced above. Division records indicate that Bahuchar Mata LLC, the tank owner at the time of the above referenced release, complied with the regulatory requirements and performed the initial response actions outlined in R.61-92, Section 280.61. Bahuchar Mata LLC is actively cleaning up the petroleum chemicals of concern.

Release 3 of petroleum products from the facility assigned the UST permit number referenced above is qualified to receive funding under the conditions of the State Underground Petroleum Environmental Response Bank (SUPERB) Act. This means that reasonable costs can be paid by the SUPERB Account for a combined coverage of \$1,000,000 for site rehabilitation actions and third-party claims associated with Release 3. Bahuchar Mata LLC, as the tank owner at the time of the above referenced release, currently retains responsibility under state and federal law for any additional actions and associated costs for Release 3 should site rehabilitation cost exceed \$1,000,000.

As part of the assessment investigation for the releases of petroleum products from the facility assigned the UST Permit number referenced above, monitoring wells MW 7-13, 17-20, 22-25, and DW 2-4 were installed on the property owned by B & R 86 LLC. The wells were installed as monitoring wells and are not a source of drinking water. Groundwater samples were collected from the monitoring wells in September 2021 and analyzed for dissolved petroleum constituents. The laboratory data for the above-mentioned wells is enclosed. A site map with the monitoring well locations is also enclosed for your information.

According to the above referenced data, free phase petroleum product was measured in monitoring wells MW-7-9, 12, 13, 17, and 18. Analytical data showed petroleum chemical concentrations that exceeded the Risk-Based Screening Levels were detected in monitoring well MW-20.

The SUPERB Act does not preclude or restrict the use or redevelopment of property on which a petroleum release has occurred. However, DHEC advises against installing a water supply well for drinking, cooking, or bathing purposes until rehabilitation activities are completed to achieve no further action status or as otherwise approved by DHEC.

To obtain a better understanding of the statutory and regulatory framework regarding releases and/or UST systems, please use the following links:

**South Carolina UST Control Regulations R.61-92**

[https://scdhec.gov/sites/default/files/media/document/R.61-92\\_0.pdf](https://scdhec.gov/sites/default/files/media/document/R.61-92_0.pdf)

**State Underground Petroleum Environmental Response Bank Act**

<https://www.scstatehouse.gov/code/t44c002.php>

This letter only addresses the status of the UST permit number referenced above; other environmental conditions may exist on the property that are overseen by DHEC.

If you have any questions, please contact me at (803) 898-9418. I can also be reached by email at [ariailrd@dhec.sc.gov](mailto:ariailrd@dhec.sc.gov) or by fax at 803-898-0673.

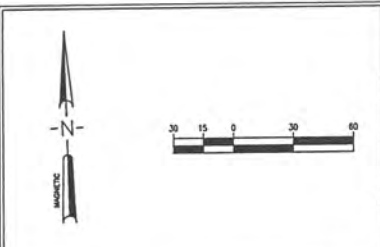
Sincerely,

A handwritten signature in black ink, appearing to read "Ryan D. Ariail". The signature is fluid and cursive, with a large loop at the end.

Ryan D. Ariail, Customer Service Liaison  
Underground Storage Tank Management Division  
Bureau of Land and Waste Management

cc: Technical File  
enc: Site base map and Sept 2021 data table





**TABLE 1b**  
Summary of Analytical Data  
Quick Pantry # 19  
Greenville, SC

Well #	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDG	Lead
		5	1000	700	10000	40	25	5	0.05	15
RBSL	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-4	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-5	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-6	8/29/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	5.23
MW-7	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-8	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-9	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-10	8/29/21	1.5	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-11	8/29/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-12	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-13	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-14	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-15	9/2/21	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020	<1.00
MW-16	9/2/21	81	130	32	160	<1.0	<5.0	<1.0	<0.020	<1.00
MW-17	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-18	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-19	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-20	9/2/21	2000	23	2.2	54	140	86	<1.0	<0.020	<1.00
MW-21	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-22	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-23	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-24	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-25	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
RW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
RW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
RW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
DW-1	8/29/21	2.1	4.8	5.0	25	3.2	<5.0	<1.0	<0.020	<1.00
DW-2	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-3	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.018	<1.00
DW-4	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
SW-1	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	2.06
SW-2	9/2/21	1.7	<1.0	<1.0	2.1	<1.0	<5.0	<1.0	<0.020	30.2
SW-3	9/2/21	3.2	2.1	<1.0	3.6	<1.0	<5.0	<1.0	<0.020	93.1
SW-4	9/2/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
SW-5	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	19.8
SW-6	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	6.53



APR 27 2022

BAHUCHAR MATA LLC  
ATTN MIKE PATEL  
311 OARMOTE CIRCLE  
GREENWOOD SC 29649

Re: **Aggressive Fluid and Vapor Recovery Notice to Proceed**  
Quick Pantry #19, 1802 S. Main St., Greenwood, SC  
UST Permit #04785; CA #65396 & #65397  
Releases #2 and #3 reported March 9, 2021 and September 28, 2021  
Site-Specific Work Plan received March 30, 2022  
Greenwood County

Dear Mr. Patel:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) recognizes your commitment to continue work at this site using your DHEC UST Certified Contractor.

In accordance with Section 280.64 of the South Carolina Underground Storage Tank Control Regulations R.61-92 and your contractor's recommendations, Aggressive Fluid and Vapor Recovery (AFVR) events and Absorbent Boom Maintenance may proceed immediately upon receipt of this letter. All work should be conducted as outlined in this directive and in compliance with the current revision of the UST Quality Assurance Program Plan (QAPP). For the most updated AFVR procedures, refer to Section B1.IV.g of the QAPP. **Any variance from the QAPP procedures will be approved on a site-specific basis and should be submitted to the UST Division in writing.**

**A virtual meeting took place on April 19, 2022 with your contractor, KLM Environmental. As discussed, any changes to the work scope that are needed in order to maximize the efficiency of the free product removal shall be implemented. Please provide notice of any needed changes and any changes in the cost prior to implementing the changes.**

**Please notify the Project Manager as soon as the event has been scheduled.**

**The AFVR Report should be submitted within 90 days from the date of this correspondence.** Please note that all applicable South Carolina certification requirements apply to the services and report preparation. All site rehabilitation activities must be performed and submitted by a South Carolina Certified Underground Storage Tank Site Rehabilitation Contractor.

Your contractor can submit an invoice for direct payment from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for pre-approved costs. By law, the SUPERB Account cannot compensate any costs that are not pre-approved. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

Pursuant to S.C. Code Ann. Section 44-2-40(D), "The SUPERB Account and the SUPERB Financial Responsibility Fund shall provide combined coverage for site rehabilitation and third-party claims, respectively, not to exceed one million dollars per occurrence". According to UST Division records, approximately \$253,004.74 has been expended from the SUPERB Account to date for occurrence #2 and \$9,826.51 for occurrence #3. This scope of work, as recommended by your contractor, is anticipated to cost approximately \$104,673.32.

Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval is obtained from the UST Division. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be preapproved by DHEC for the cost to be paid. DHEC reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, DHEC reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

DHEC grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. The transport and disposal must be conducted in accordance with the QAPP. If CoC concentrations, based on laboratory analysis, are below Risk Based Screening Levels, please contact the Project Manager for approval to dispose of soil and/or groundwater on site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence concerning this site, please reference the UST Permit number above. Should you have any questions, please contact me by phone at (803) 898-0608, by fax at (803) 898-0673, or by email at [minerrs@dhec.sc.gov](mailto:minerrs@dhec.sc.gov).

Sincerely,



Read S. Miner, P.G., Hydrogeologist  
Corrective Action & Field Support Section  
Underground Storage Tank Management Division  
Bureau of Land and Waste Management

enc: Approved Cost Agreement

cc: KLM Environmental, LLC, PO Box 2704, Goose Creek, SC 29445 (w/ enc)  
Technical file (w/ enc)

**Approved Cost Agreement**

**65396**

Facility: 04785 QUICK PANTRY 19

MINERRS

PO Number:

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION		1 SITE SPECIFIC WORK PLAN	0.5000	\$160.050	80.03
D MOB/DEMOB		1 EQUIPMENT	0.5000	\$1,088.340	544.17
		2 PERSONNEL	5.0000	\$451.340	2,256.70
J SAMPLE COLLECTION		5 GAUGE WELL ONLY	16.0000	\$7.470	119.52
Q DISPOSAL		2 FREE PRODUCT	750.0000	\$0.530	397.50
R MISCELLANEOUS		NEW BOOM INSTALLATION	0.5000	\$277.980	138.99
		OLD BOOM REMOVAL AND DISPOSAL	0.5000	\$100.000	50.00
		PVC PIPING RUN TO WELL IN WOODS	0.5000	\$806.690	403.35
S REPORT PROJECT MANAGEMENT		S REPORT PREP & PROJ. MANAGEMENT	0.1200	\$46,729.180	5,607.50
W AFVR		14 AFVR SITE RECONNAISSANCE	0.5000	\$216.870	108.44
		16 AFVR EFFLUENT DISPOSAL	12,500.0000	\$0.470	5,875.00
		17 AFVR MOB - DEMOB	2.5000	\$417.730	1,044.33
		4 96 HOUR EVENT	2.5000	\$13,409.520	33,523.80
		8 OFF GAS TREATMENT 96 HOUR	2.5000	\$832.260	2,080.65
Y WELL REPAIR		1 ADDITIONAL COPIES OF REPORT	2.0000	\$53.350	106.70
<b>Total Amount</b>					<b>52,336.68</b>



# Approved Cost Agreement

65397

Facility: 04785 QUICK PANTRY 19

MINERRS

PO Number:

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION		1 SITE SPECIFIC WORK PLAN	0.5000	\$160.050	80.03
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Y WELL REPAIR		1 ADDITIONAL COPIES OF REPORT	2.0000	\$53.350	106.70
				<b>Total Amount</b>	<b>52,336.68</b>

**Briney, Stephanie M.**

---

**From:** Briney, Stephanie M.  
**Sent:** Thursday, April 21, 2022 1:19 PM  
**To:** MIHIRKUMAR Patel  
**Cc:** mkeller131@comcast.net; Miner, Read  
**Subject:** UST Permit# 04785, Quick Pantry 19, 1802 S. Main St., Greenwood, SC  
**Attachments:** 04785 NTP FP Recovery April 2022.pdf



Mr. Patel,

On April 19, 2022, we met with KLM Environmental, your site rehabilitation contractor, to discuss the Site-Specific Work Plan (SSWP) for Free Product Recovery and abatement. In that meeting we discussed in further detail about the Aggressive Fluid Vapor Recovery (AFVR) events and the boom replacements in the trench. The UST Management Division agrees with your contractor's recommendations and plan for the free product recovery. You will be sent a notice to proceed letter with cost approval to start the Free Product Recovery that your contractor proposed. I have attached a copy of the notice to proceed letter to this email to help expedite the free product recovery plan and I have copied your contractor on this email as well. It is important to remember that both releases are ranked as class 1s and to protect the creek and the storm drain system it is imperative to start the free product recovery as soon as you can. Please have your contractor inform us of their schedule as soon as possible.

During our meeting with your contractor, it was stated that they will be collecting groundwater samples the first week of May. To date the SUPERB Funds have been evenly allocated between the two releases. It would be helpful to the UST Management Division if the monitoring report documenting the May sampling event would also include interpretation of the plume and the distribution of the petroleum between the releases reported March 9, 2021 (Release#2), and September 28, 2021 (Release#3). For example, are the two releases co-mingled together or can you tell what part of the contamination is from release 2 and what part is from release 3. This interpretation will help the UST Management Division allocated the State Underground Petroleum Environmental Response Bank (SUPERB) funds appropriately between the two releases.

If you have any questions please contact me at (803)898-0595 or Read Miner at (803)898-0608.

Stephanie Briney, Manager  
Corrective Action & Field Support Section  
Underground Storage Tank Management Division  
Bureau of Land and Waste Management  
**S.C. Dept. of Health & Environmental Control**  
Office: (803) 898-0595  
Cell: (803) 608-0455  
Fax: (803)-898-0673  
Connect: [www.scdhec.gov](http://www.scdhec.gov) [Facebook](#) [Twitter](#)





BAHUCHAR MATA LLC  
ATTN MIKE PATEL  
311 OARMOTE CIRCLE  
GREENWOOD SC 29649

Re: **Aggressive Fluid and Vapor Recovery Notice to Proceed**  
Quick Pantry #19, 1802 S. Main St., Greenwood, SC  
UST Permit #04785; CA #65396 & #65397  
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Site-Specific Work Plan received March 30, 2022  
Greenwood County

Dear Mr. Patel:

The *Underground Storage Tank Management Division (UST Division)* of the South Carolina Department of Health and Environmental Control (DHEC) recognizes your commitment to continue work at this site using your DHEC UST Certified Contractor.

In accordance with Section 280.64 of the South Carolina Underground Storage Tank Control Regulations R.61-92 and your contractor's recommendations, Aggressive Fluid and Vapor Recovery (AFVR) events and Absorbent Boom Maintenance may proceed immediately upon receipt of this letter. All work should be conducted as outlined in this directive and in compliance with the current revision of the UST Quality Assurance Program Plan (QAPP). For the most updated AFVR procedures, refer to Section B1.IV.g of the QAPP. **Any variance from the QAPP procedures will be approved on a site-specific basis and should be submitted to the UST Division in writing.**

**A virtual meeting took place on April 19, 2022 with your contractor, KLM Environmental. As discussed, any changes to the work scope that are needed in order to maximize the efficiency of the free product removal shall be implemented. Please provide notice of any needed changes and any changes in the cost prior to implementing the changes.**

**Please notify the Project Manager as soon as the event has been scheduled.**

**The AFVR Report should be submitted within 90 days from the date of this correspondence.** Please note that all applicable South Carolina certification requirements apply to the services and report preparation. All site rehabilitation activities must be performed and submitted by a South Carolina Certified Underground Storage Tank Site Rehabilitation Contractor.

Your contractor can submit an invoice for direct payment from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for pre-approved costs. By law, the SUPERB Account cannot compensate any costs that are not pre-approved. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

Page 2

Pursuant to S.C. Code Ann. Section 44-2-40(D), "The SUPERB Account and the SUPERB Financial Responsibility Fund shall provide combined coverage for site rehabilitation and third-party claims, respectively, not to exceed one million dollars per occurrence". According to UST Division records, approximately \$253,004.74 has been expended from the SUPERB Account to date for occurrence #2 and \$9,826.51 for occurrence #3. This scope of work, as recommended by your contractor, is anticipated to cost approximately \$104,673.32.

Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval is obtained from the UST Division. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be preapproved by DHEC for the cost to be paid. DHEC reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, DHEC reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

DHEC grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. The transport and disposal must be conducted in accordance with the QAPP. If CoC concentrations, based on laboratory analysis, are below Risk Based Screening Levels, please contact the Project Manager for approval to dispose of soil and/or groundwater on site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence concerning this site, please reference the UST Permit number above. Should you have any questions, please contact me by phone at (803) 898-0608, by fax at (803) 898-0673, or by email at [minerrs@dhec.sc.gov](mailto:minerrs@dhec.sc.gov).

Sincerely,

Read S. Miner, P.G., Hydrogeologist  
Corrective Action & Field Support Section  
Underground Storage Tank Management Division  
Bureau of Land and Waste Management

enc: Approved Cost Agreement

cc: KLM Environmental, LLC, PO Box 2704, Goose Creek, SC 29445 (w/ enc)  
Technical file (w/ enc)



**Approved Cost Agreement**

**65396**

Facility: 04785 QUICK PANTRY 19

MINERRS

PO Number: 92469

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION					
		1 SITE SPECIFIC WORK PLAN	0.5000	\$160.050	80.03
D MOB/DEMOB					
		1 EQUIPMENT	0.5000	\$1,088.340	544.17
		2 PERSONNEL	5.0000	\$451.340	2,256.70
J SAMPLE COLLECTION					
		5 GAUGE WELL ONLY	16.0000	\$7.470	119.52
Q DISPOSAL					
		2 FREE PRODUCT	750.0000	\$0.530	397.50
R MISCELLANEOUS					
		NEW BOOM INSTALLATION	0.5000	\$277.980	138.99
		OLD BOOM REMOVAL AND DISPOSAL	0.5000	\$100.000	50.00
		PVC PIPING RUN TO WELL IN WOODS	0.5000	\$806.690	403.35
S REPORT PROJECT MANAGEMENT					
		S REPORT PREP & PROJ. MANAGEMENT	0.1200	\$46,729.180	5,607.50
W AFVR					
		14 AFVR SITE RECONNAISSANCE	0.5000	\$216.870	108.44
		16 AFVR EFFLUENT DISPOSAL	12,500.0000	\$0.470	5,875.00
		17 AFVR MOB - DEMOB	2.5000	\$417.730	1,044.33
		4 96 HOUR EVENT	2.5000	\$13,409.520	33,523.80
		8 OFF GAS TREATMENT 96 HOUR	2.5000	\$832.260	2,080.65
Y WELL REPAIR					
		1 ADDITIONAL COPIES OF REPORT	2.0000	\$53.350	106.70
<b>Total Amount</b>					<b>52,336.68</b>

# Approved Cost Agreement

65397

Facility: 04785 QUICK PANTRY 19

MINERRS

PO Number: 92470

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION		1 SITE SPECIFIC WORK PLAN	0.5000	\$160.050	80.03
D MOB/DEMOB		1 EQUIPMENT	0.5000	\$1,088.340	544.17
		2 PERSONNEL	5.0000	\$451.340	2,256.70
J SAMPLE COLLECTION		5 GAUGE WELL ONLY	16.0000	\$7.470	119.52
Q DISPOSAL		2 FREE PRODUCT	750.0000	\$0.530	397.50
R MISCELLANEOUS		NEW BOOM INSTALLATION	0.5000	\$277.980	138.99
		OLD BOOM REMOVAL AND DISPOSAL	0.5000	\$100.000	50.00
		PVC PIPING RUN TO WELL IN WOODS	0.5000	\$806.690	403.35
S REPORT PROJECT MANAGEMENT		S REPORT PREP & PROJ. MANAGEMENT	0.1200	\$46,729.180	5,607.50
W AFVR		14 AFVR SITE RECONNAISSANCE	0.5000	\$216.870	108.44
		16 AFVR EFFLUENT DISPOSAL	12,500.0000	\$0.470	5,875.00
		17 AFVR MOB - DEMOB	2.5000	\$417.730	1,044.33
		4 96 HOUR EVENT	2.5000	\$13,409.520	33,523.80
		8 OFF GAS TREATMENT 96 HOUR	2.5000	\$832.260	2,080.65
Y WELL REPAIR		1 ADDITIONAL COPIES OF REPORT	2.0000	\$53.350	106.70
<b>Total Amount</b>					<b>52,336.68</b>

04785  
E-MAIL  
COMMUNICATIONS

**Fw: 04785**

Miner, Read <minerrs@dhec.sc.gov>

Thu 5/19/2022 10:33 AM

To: Briney, Stephanie M. <brineysm@dhec.sc.gov>

**Read S. Miner, P.G.**

Hydrogeologist III

Underground Storage Tank Division

**S.C. Dept. of Health & Environmental Control**

Office: (803) 898-0608

Fax: (803) 898-0673

Connect: [www.scdhec.gov](http://www.scdhec.gov) [Facebook](#) [Twitter](#)



**From:** Mark Keller <mkeller131@comcast.net>

**Sent:** Thursday, May 19, 2022 10:03 AM

**To:** Miner, Read <minerrs@dhec.sc.gov>

**Cc:** mikepatel8905@yahoo.com <mikepatel8905@yahoo.com>

**Subject:** Re: 04785

\*\*\* Caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\*

We will gladly provide that except we do not visit the site weekly at this time. Weekly updates are redundant unless we have obtained new information. At this time we are awaiting analytical results as we indicated yesterday. Once we have those a report will be forthcoming. Once we proceed with the next phase which we indicated yesterday begins in June and ends the decide week of July we will be on site daily to provide any information needed. Until that time, we are proceeding in accordance with the prescribed due dates in our directives as previously approved by the SCDHEC staff.

Thank you

Mark Keller

Mark L. Keller, PG

President

KLM Environmental, LLC

PO Box 2704

Goose Creek, SC. 29445

Phone: 843-870-4285

Fax: 843-797-1893

Office: 843-797-7884



On May 19, 2022, at 9:49 AM, Miner, Read <minerrs@dhec.sc.gov> wrote:

Mr. Patel,

During the first week of May, KLM Environmental completed monitoring well sampling activities on your behalf. DHEC has also been informed that they plan to continue with free product recovery activities the first week of June. Because there are multiple interested groups representing off-site properties, frequent updates are needed.

An e-mail update on observations during the May sampling event is requested. It should address the following issues / concerns.

- Is there any change in the trench status? still collapsing? contains water? free product still discharging? status of boom change out and degree of LNAPL saturation?
- Is any product still discharging to ditch? Is ditch dry?

Further DHEC requests a **weekly e-mail update** concerning site activities and observations. It should contain information such as..

1. trench status - product discharge /recovery
2. ditch status - product discharge / recovery
3. boom status - condition / changeout information when applicable
4. AFVR status - which wells / water recovery / free product recovery / estimated recovery as vapors / evaluation of effectiveness
5. if no site visits / activities were completed during a given week, state that accordingly

Your cooperation is greatly appreciated as we work as a team to address the spill cleanup, and keep open communications with all interested parties.

**Read S. Miner, P.G.**  
Hydrogeologist III  
Underground Storage Tank Division  
**S.C. Dept. of Health & Environmental Control**  
Office: (803) 898-0608  
Fax: (803) 898-0673  
Connect: [www.scdhec.gov](http://www.scdhec.gov) [Facebook](#) [Twitter](#)



### Greenwood County, SC



Parcel ID	6855-475-219	Description	16.53AC
Property Address	104 Kirksey Dr E	Year Built	1958
Owner Name	Jp Carports LLC	SqFt	1,864
Mail Address	5261 E DURST AV	Bedrooms	0
City State Zip	GREENWOOD, SC 29646-0000	Bathrooms	0
Purchase Date	4/20/2022	HalfBaths	0
Deed	1633-1029	Fin Bsmt Sqft	0
Plat	5-124	Unfin Bsmt Sqft	0
FEMA LOMA	No	Tax Exemption	
Total Tax Value	\$246,700	Appraised By	County
Total Cap Value	\$181,800	Tax District	9-City of Greenwood
Total Market Value	\$246,700	On Lake Gwd	N
Subdivision			



Disclaimer: Map and parcel data are believed to be accurate, but accuracy is not guaranteed. This is not a legal document and should not be substituted for a title search, appraisal, survey, or for zoning verification.

Map Scale  
1 inch = 188 feet  
5/25/2022



202200003644  
Filed for Record in  
GREENWOOD COUNTY SC  
CHASTITY COPELAND, COUNTY CLERK  
4/20/2022 3:52:16 PM  
DEED \$15.00  
County: \$271.70  
State: \$642.20  
BOOK: 1633 PGS: 1029 - 1033

202200003644  
TINSLEY & ADAMS  
PO BOX 1506  
GREENWOOD, SC 29648-1506

SPACE ABOVE THIS LINE RESERVED FOR RECORDING

Prepared by: Tinsley & Adams LLC, 418 Main Street, P. O. Box 1506, Greenwood, SC 29648

STATE OF SOUTH CAROLINA

DEED

COUNTY OF GREENWOOD

KNOW ALL MEN BY THESE PRESENTS, that **B & R 86, LLC** (hereinafter called "Grantor") for and in consideration of the sum of TEN AND NO/100 (\$10.00) DOLLARS and other valuable consideration, to the Grantor in hand paid at and before the sealing of these presents by **JP Carports LLC** (hereinafter called "Grantee") the receipt whereof is hereby acknowledged, has granted, bargained, sold and released, and by these presents do grant, bargain, sell and release unto the Grantee, its heirs, successors and assigns:

SEE PROPERTY DESCRIPTION ATTACHED HERETO AND MADE A PART HEREOF

This conveyance is made subject to easements and restrictions of record and otherwise affecting the property.

**TOGETHER** with all and singular the Rights, Members, Hereditaments and Appurtenances to the said Premises belonging, or in anywise incident or appertaining.

**TO HAVE AND TO HOLD**, all and Singular the said Premises before mentioned unto the said Grantee, his Heirs, Successors and Assigns forever.

And the Grantor does hereby bind himself and his heirs, successors and assigns, to warrant and forever defend all and singular the said premises unto the said Grantee, its Heirs, Successors and Assigns against its heirs, successors and assigns, and any person whomsoever lawfully claiming, or to claim the same, or any part thereof.



PROPERTY DESCRIPTION

104, 108, and 112 Kirksey Drive East

Tax Map Number: 6855-475-219, 6855-458-224, and 6855-442-236

104 Kirksey Drive, Greenwood, SC 29646

All that certain piece, parcel or tract of land, lying and being situate in the County of Greenwood, City of Greenwood, State of South Carolina, being shown as 16.53 acres more or less and partially shown on Plat Book 5 at Page 124 in the Office of the Clerk of Court for Greenwood County, which is incorporated by reference herein, and also shown as Tax Map #6855-475-219. The within property fronts along Foundry Road and is bounded as follows: on the West by Kirksey Drive East, by property now or formerly of C. Y. Thomason Company, by property now or formerly of Kingsmore and by property now or formerly of C. Y. Thomason Foundation, and property of The United Telephone of the Carolina's said property bounded on the East by property now or formerly of Housing Authority of the City of Greenwood; on the North by property now or formerly of Greenwood Development, LLC, and Ninety Six Highway. The said property is bounded on the South by Foundry Road and by South Main Street.

108 Kirksey Drive E, Greenwood SC 29646

All that certain piece parcel or lot of land situate, lying and being in the County of Greenwood, State of South Carolina, containing 0.68 acres more or less, and being more particularly designated as Parcel A on a plat of same made by Heaner Engineering Company dated September 4, 1991, which is incorporated herein and made a part hereof for a more complete description by courses, metes, bounds and distances. Said lot is bounded on all side by property of C. Y. Thomason Company.

This conveyance is subject to existing easements and rights of way for public utilities and streets or roads, whether or not the same appear on a plat or appear or record.

112 Kirksey Drive E.

All that certain lot or parcel of land, with improvements located thereon, situate, lying and being at South Greenwood, County and State aforesaid. The said lot fronts upon North Kirksey Drive and measures thereon for a distance of One Hundred Thirty-Eight and Thirty-Six One-Hundredths (138.36) feet and extends back therefrom to a depth of Three Hundred One and Sixteen One Hundredths (301.16) feet on its Eastern side and for a depth of approximately Two Hundred Eighty-eight and sixteen one-hundredths (288.16) feet on its Western side and being One Hundred Twenty-Three (123) feet wide in the rear and being bounded as follows: On the North or Northwest by North Kirksey Drive; on the East by Church of God lot and other party of Piedmont Fertilizer Corporation; on the South by other property of Piedmont Fertilizer Corporation and on the West by unimproved street separating this lot from other property of Piedmont Fertilizer Corporation.

This being the lot upon which is located the plant of Petroleum Products Corporation.

Grantee's Mailing Address: 526 1 East Durst Ave Greenwood SC 29644

Any reference in this instrument to the singular shall include the plural, and vice versa. Any reference to one gender shall include the others, including the neuter. Such words of inheritance shall be applicable as are required by the gender of the Grantee.

IN WITNESS WHEREOF, the Grantor has hereunto set his hand and seal.

DATE: 04/20/2022

SIGNED, SEALED AND DELIVERED  
IN THE PRESENCE OF:

Karla Crum  
Witness #1

[Signature]  
Witness #2

B & R 86, LLC

By: [Signature]

Its: Mary

STATE OF SOUTH CAROLINA

Acknowledgment

COUNTY OF GREENWOOD

The foregoing Deed was acknowledged before me on 04/20/2022 by B & R 86, LLC.

[Signature]  
NOTARY PUBLIC  
MY COMMISSION EXPIRES: 8/31/2022

**D. Welborn Adams**  
**Notary Public**  
**South Carolina**

PERSONALLY appeared before me the undersigned, who being duly sworn, deposes and says:

1 I have read the information on this affidavit and I understand such information.

2 The property being transferred is located at 104, 108, and 112 Kirksey Drive East bearing Greenwood County Tax Map Number 6855-475-219, 6855-458-224, and 6855-442-236 was transferred by B & R 86, LLC to JP Carports LLC on 04/20/2022

3. Check one of the following: The Deed is:

- (a)  Subject to the Deed recording fee as a transfer for consideration paid or to be paid in money or money's worth.
- (b)  Subject to the deed recording fee as a transfer between a corporation, a partnership, or other entity and a stockholder, partner, or owner of the entity, or is a transfer to a trust or as a distribution to a trust beneficiary
- (c)  Exempt from the deed recording fee because (See information section of affidavit):  
 \_\_\_\_\_  
 (If Exempt, please skip items 4-7 and go to item 8 of this affidavit)

If exempt under exemption #14 as described in the Information section of this affidavit, did the agent and principal relationship exist at the time of the original sale and was the purpose of this relationship to purchase the realty? Check Yes \_\_\_\_\_ or No \_\_\_\_\_

4. Check one of the following if either item 3(a) or item 3(b) above has been checked (See information section of this affidavit).

- (a)  The fee is computed on the consideration paid or to be paid in money or money's worth in the amount of \_\_\_\_\_
- (b)  The fee is computed on the fair market value of the realty which is \_\_\_\_\_
- (c)  The fee is computed on the fair market value of the realty as established for property tax purposes which is \_\_\_\_\_

5. Check Yes \_\_\_\_\_ or No \_\_\_\_\_ to the following: A lien or encumbrance existed on the land, tenement or realty before the transfer and remained on the land, tenement, or realty after the transfer. If "Yes", the amount of the outstanding balance of this lien or encumbrance is \_\_\_\_\_

6. The deed recording fee is computed as follows:

- (a) Place the amount listed in item 4 above here: 246,700.00
- (b) Place the amount listed in item 5 above here: \_\_\_\_\_  
(if no amount is listed, place zero here)
- (c) Subtract Line 6(b) from Line 6(a) and place result here 246,700.00

7. The deed recording fee due is based on the amount listed on Line 6(c) above and the deed recording fee due is: \_\_\_\_\_

8. As required by Code Section 12-24-70, I state that I am a responsible person who was connected with the transaction as: \_\_\_\_\_

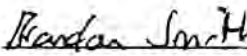
9. I understand that a person required to furnish this affidavit who willfully furnishes a false or fraudulent affidavit is guilty of a misdemeanor, and upon conviction, must be fined not more than one thousand dollars or imprisoned not more than one year, or both.

  
Responsible Person Connected with the Transaction

Sworn to before me 04/20/2022

Notary Public

My Commission Expires: 8/20/2022

  
Print or Type Name Here

# INFORMATION

Except as provided in this paragraph, the term "value" means "the consideration paid or to be paid in money or money's worth for the realty." Consideration paid or to be paid in money's worth includes, but is not limited to, the other realty, personal property, stocks, bonds, partnership interest and other intangible property, the forgiveness or cancellation of a debt, the assumption of a debt, and the surrendering of any right. The fair market value of the consideration must be used in calculating the consideration paid in money's worth. Taxpayers may elect to use the fair market value of the realty being transferred in determining fair market value of the consideration. In the case of realty transferred between a corporation, a partnership, or other entity and a stockholder, partner, or owner of the entity, and in the case of realty transferred to a trust or as a distribution to a trust beneficiary, "value" means the realty's fair market value. A deduction from value is allowed for the amount of any lien or encumbrance existing on the land, tenement, or realty before the transfer and remaining on the land, tenement, or realty after the transfer. Taxpayers may elect to use the fair market value for property tax purposes in determining fair market value under the provisions of the law.

Exempted from the fee are Deeds:

- (1) transferring realty in which the value of the realty, as defined in Code Section 12-24-30, is equal to or less than one hundred dollars;
- (2) transferring realty to the federal government or to a state, its agencies and departments, and its political subdivisions, including school districts;
- (3) that are otherwise exempted under the laws and Constitution of this State or of the United States;
- (4) transferring realty in which no gain or loss is recognized by reason of Section 1041 of the Internal Revenue Code as defined in Section 12-6-40(A);
- (5) transferring realty in order to partition realty as long as no consideration is paid for the transfer other than the interests in the realty that are being exchanged in order to partition the realty;
- (6) transferring an individual grave space at a cemetery owned by a cemetery company licensed under Chapter 55 of Title 39;
- (7) that constitute a contract for sale of timber to be cut;
- (8) transferring realty to a corporation, a partnership, or a trust in order to become, or as a stockholder, partner, or trust beneficiary of the entity provided no consideration is paid for the transfer other than stock in the corporation, interest in the partnership, beneficiary interest in the trust, or the increase in value in such stock or interest held by the grantor. However, the transfer of realty from a corporation, a partnership, or a trust to a stockholder, partner, or trust beneficiary of the entity is subject to the fee even if the realty is transferred to another corporation, a partnership, or trust;
- (9) transferring realty from a family partnership to a partner or from a family trust to a beneficiary, provided no consideration is paid for the transfer other than a reduction in the grantee's interest in the partnership or trust. A 'family partnership' is a partnership whose partners are all members of the same family. A 'family trust' is a trust, in which the beneficiaries are all members of the same family. The beneficiaries of a family trust may also include charitable entities. 'Family' means the grantor and the grantor's spouse, parents, grandparents, sisters, brothers, children, stepchildren, grandchildren, and the spouses and lineal descendants of any of the above. A 'charitable entity' means an entity which may receive deductible contributions under Section 170 of the Internal Revenue Code as defined in Section 12-6-40(A);
- (10) transferring realty in a statutory merger or consolidation from a constituent corporation to the continuing or new corporation to the continuing or new corporation;
- (11) transferring realty in a merger or consolidation from a constituent partnership to the continuing or new partnership;
- (12) that constitute a corrective deed or a quitclaim deed used to confirm title already vested in the grantee, provided no consideration of any kind is paid or to be paid for the corrective or quitclaim deed;
- (13) transferring realty subject to a mortgage to the mortgagee whether by a deed in lieu of foreclosure executed by the mortgagor or deed pursuant to foreclosure proceedings.
- (14) Transferring realty from an agent to the agent's principal in which the realty was purchased with funds of the principal, provided that a notarized document is also filed with the deed that establishes the fact that the agent and principal relationship existed at the time the original purchase as well as for the purpose of purchasing the realty
- (15) Transferring title to facilities for transmitting electricity that is transferred, sold, or exchanged by electrical utilities, municipalities, electric cooperatives, or political subdivisions to a limited liability company which is subject to regulation under the Federal Power Act (16 U.S.C. Section 791(a)) and which is formed to operate or to take functional control of electric transmission assets as defined in the Federal Power Act.



# Business Entities Online

File, Search, and Retrieve Documents Electronically

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## JP CARPORTS LLC

### Corporate Information

**Entity Type:** Limited Liability Company

**Status:** Good Standing

**Domestic/Foreign:** Domestic

**Incorporated State:** South Carolina

### Important Dates

**Effective Date:** 05/19/2020

**Expiration Date:** N/A

**Term End Date:** N/A

**Dissolved Date:** N/A

---

### Registered Agent

**Agent:** Jose G Puga-Parra

**Address:** 526 I East Durst Ave  
Greenwood, South Carolina 29649

---

### Official Documents On File

Filing Type	Filing Date
Articles of Organization	05/19/2020

**UST # 04785**

Mark Lee Keller <mkeller131@comcast.net>

Fri 5/27/2022 12:46 PM

To: Miner, Read <minerrs@dhec.sc.gov>; Vincent, Malayika M. <vincenMM@dhec.sc.gov>

\*\*\* Caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\*

Read and Malayika,

We have the AFVR events for this site scheduled for the following weeks:


June 6<sup>th</sup>, June 13<sup>th</sup>, June 20<sup>th</sup>, June 27<sup>th</sup>, and July 11<sup>th</sup>. We will also be on site May 31<sup>st</sup> through June 1<sup>st</sup> replacing the booms and sampling the trench. We will be on site June 15<sup>th</sup> with a full crew again to construct the PVC extensions needed for the AFVR events in the wooded area across from the site.

Thanks

Mark

Mark L. Keller, PG  
President



 **KLM Environmental, LLC**

PO Box 2704  
Goose Creek, SC 29445  
843-870-4285 Cell

04785  
cost  
ADDENDUM

RE: QP 19

Mark Lee Keller <mkeller131@comcast.net>

Fri 5/27/2022 11:30 AM

To: Miner, Read <minerrs@dhec.sc.gov>

Cc: Briney, Stephanie M. <brineysm@dhec.sc.gov>; Ariail, Ryan D. <AriailRD@dhec.sc.gov>; Vincent, Malayika M. <vincenMM@dhec.sc.gov>

1 attachments (2 MB)

SCDHEC Assessment Component Additional Sampling.xls;

\*\*\* Caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\*

Read,

Here is a revised cost agreement with the duplicate, field blank, and trip blanks added. I took out the work plan. We will be on site Tuesday.

Thanks

Mark

Mark L. Keller, PG  
President

KLM Environmental, LLC

PO Box 2704  
Goose Creek, SC 29445  
843-870-4285 Cell



**From:** Miner, Read <minerrs@dhec.sc.gov>  
**Sent:** Thursday, May 26, 2022 8:44 AM  
**To:** mkeller131@comcast.net  
**Cc:** Briney, Stephanie M. <brineysm@dhec.sc.gov>; Ariail, Ryan D. <AriailRD@dhec.sc.gov>  
**Subject:** Re: QP 19

We noticed that you included the cost for an SSWP. We are Okay if you want to submit an SSWP (email is fine).

Do we need to have a field blank, duplicate, and trip blank for at least the volatiles?

**Read S. Miner, P.G.**  
Hydrogeologist III  
Underground Storage Tank Division  
**S.C. Dept. of Health & Environmental Control**  
Office: (803) 898-0608

Fax: (803) 898-0673  
Connect: [www.scdhec.gov](http://www.scdhec.gov) [Facebook](#) [Twitter](#)

---

**From:** MARK KELLER <mkeller131@comcast.net>  
**Sent:** Wednesday, May 25, 2022 8:27 PM  
**To:** Miner, Read <minerrs@dhec.sc.gov>  
**Cc:** Briney, Stephanie M. <brineysm@dhec.sc.gov>; Ariail, Ryan D. <AriailRD@dhec.sc.gov>  
**Subject:** Re: QP 19

\*\*\* Caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\*

Please see attached the proposed cost agreement for sampling the excavation. I have proposed 4 samples for TCL Volatiles and TCL Semi Volatiles. The cost can be covered by the line item we have for BTEX for the TCL Volatiles. The cost for TCL Volatiles is much higher than our corresponding cost for PAH. I have included that under miscellaneous. As we discussed, no mobilization charge is being proposed as we will be on site anyway. I have moved our schedule around and we will be on site on Tuesday through Wednesday to replace the booms. We will take our tractor so we can hopefully dislodge the booms that were trapped under the area where we had the cave in after the initial excavation. It appears our slope stabilization seeds have sprouted and we are ok regarding that issue going forward. If only I could get the grass in my yard to grow like this! Let me know if you need anything.

Thanks

Mark L. Keller, PG  
President  
KLM Environmental, LLC  
843-870-4285 Cellular

On 05/25/2022 2:48 PM Miner, Read <minerrs@dhec.sc.gov> wrote:

Mark,

Thank you speaking with Stephanie Briney and me on May 25, 2022. We appreciate the clarification concerning where the surface water samples were collected. In light of the change in appearance of the water in the trench, we concur with your plans to collect one or more samples from the trench and analyze them for full 8260D and 8270E scans. This sampling may take place on May 31.

**Please provide a quote for the analyses and any other proposed activities ASAP so that the cost can go through the required pre-approval process.**

In addition, the change in conditions may warrant an expedited replacement of the booms. We understand that may take place June 6, 2022 concurrently with the first of the next set of AFVR events.

Thank You

**Read S. Miner, P.G.**

Hydrogeologist III

Underground Storage Tank Division

**S.C. Dept. of Health & Environmental Control**

Office: (803) 898-0608

Fax: (803) 898-0673

Connect: [www.scdhec.gov](http://www.scdhec.gov) [Facebook](#) [Twitter](#)

---

**From:** Mark Keller <[mkeller131@comcast.net](mailto:mkeller131@comcast.net)>

**Sent:** Wednesday, May 25, 2022 11:09 AM

**To:** Miner, Read <[minerrs@dhec.sc.gov](mailto:minerrs@dhec.sc.gov)>

**Cc:** [mikepatel8905@yahoo.com](mailto:mikepatel8905@yahoo.com) <[mikepatel8905@yahoo.com](mailto:mikepatel8905@yahoo.com)>; Briney, Stephanie M. <[brineysm@dhec.sc.gov](mailto:brineysm@dhec.sc.gov)>; Ariail, Ryan D. <[AriailRD@dhec.sc.gov](mailto:AriailRD@dhec.sc.gov)>

**Subject:** Fwd: QP 19

\*\*\* Caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\*  
Photos May 5th.

Mark L. Keller, PG

President

KLM Environmental, LLC

PO Box 2704

Goose Creek, SC. 29445

Phone: 843-870-4285

Fax: 843-797-1893

Office: 843-797-7884

Begin forwarded message:

**From:** Gary Long <[glong137@gmail.com](mailto:glong137@gmail.com)>

**Date:** May 25, 2022 at 11:07:46 AM EDT

**To:** Mark Keller <[mkeller131@comcast.net](mailto:mkeller131@comcast.net)>

**Subject:** QP 19





Healthy People. Healthy Communities.

**ASSESSMENT COMPONENT COST AGREEMENT  
SOUTH CAROLINA**

Department of Health and Environmental Control  
Underground Storage Tank Management Division  
State Underground Petroleum Environmental Response Bank Account  
January 1, 2020

Facility Name: Quick Pantry # 19

UST Permit #: 04785

Cost Agreement #: \_\_\_\_\_

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
<b>A. Plan Preparation</b>				
1. Site-specific Work Plan		each	\$160.05	\$0.00
2. Tax Map		each	\$74.69	\$0.00
3. Tier II or Comp. Plan /QAPP Appendix B		each	\$250.00	\$0.00
<b>B. Receptor Survey *</b>				
		each	\$587.92	\$0.00
<b>C. Survey (500 ft x 500 ft)</b>				
1. Comprehensive Survey		each	\$1,109.68	\$0.00
Subsurface Geophysical Survey				
2. < 10 meters below grade		each	\$1,387.10	\$0.00
3. > 10 meters below grade		each	\$2,464.77	\$0.00
4. Geophysical UST or Drum Survey		each	\$970.97	\$0.00
<b>D. Mob/Demob</b>				
1. Equipment		each	\$1,088.34	\$0.00
2. Personnel		each	\$451.34	\$0.00
3. Adverse Terrain Vehicle		each	\$533.50	\$0.00
<b>E.. Soil Borings (hand auger)*</b>				
		foot	\$5.34	\$0.00
<b>F. Soil Borings (requiring equipment, push technology, etc) or Field Screening (including water ssample, soil sample, soil gas sample, etc.)*</b>				
1. Standard		per foot	\$16.01	\$0.00
2. Fractured Rock		per foot	\$21.55	\$0.00
<b>G. Soil Leachability Model</b>				
		each	\$64.02	\$0.00
<b>H. Abandonment (per foot)*</b>				
1. 2" diameter or less		per foot	\$3.31	\$0.00
2. Greater than 2" to 6" diameter		per foot	\$4.80	\$0.00
3. Dug/Bored well (up to 6 feet diameter)		per foot	\$16.00	\$0.00
<b>I. Well Installation (per foot)*</b>				
1. Water Table (hand augered)		per foot	\$11.31	\$0.00
2. Water Table (drill rig) 2" Diameter		per foot	\$40.55	\$0.00
3. Telescoping		per foot	\$53.35	\$0.00
4. Rock Drilling		per foot	\$61.89	\$0.00
5. 2" Rock Coring		per foot	\$32.97	\$0.00
6. Rock Multi-sampling ports/screens		per foot	\$35.64	\$0.00
7. Recovery Well (4" diameter)		per foot	\$48.02	\$0.00
8. Pushed Pre-packed screen (1.25" dia)		per foot	\$16.01	\$0.00
9. Rotasonic (2" diameter)		per foot	\$46.95	\$0.00

10. Re-develop Existing Well		per foot	\$11.74	\$0.00
------------------------------	--	----------	---------	--------

<b>J. Groundwater Sample Collection / Gauge Depth to Water or Product *</b>				
1. Groundwater Purge		per well	\$64.02	\$0.00
2. Air or Vapors		sample	\$12.80	\$0.00
3. Water Supply Sample or Duplicate		sample	\$23.47	\$0.00
4. Groundwater No Purge or Duplicate or Grab	5	sample	\$29.88	\$149.40
5. Gauge Well only		sample	\$7.47	\$0.00
6. Sample Below Product		sample	\$12.80	\$0.00
7. Passive Diffusion Bag		sample	\$27.74	\$0.00
8. Field Blank	1	sample	\$26.25	\$26.25
9. Groundwater (low flow purge)		sample	\$97.10	\$0.00
10. Equipment Blank		sample	\$26.25	\$0.00
<b>K. Laboratory Analyses-Groundwater</b>				
1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	7	per sample	\$130.17	\$911.19
2. Lead, Filtered		per sample	\$14.72	\$0.00
3. Rush EPA Method 8260B		per sample	\$163.89	\$0.00
4. Trimethyl, Butyl, and Isopropyl Benzenes		per sample	\$29.88	\$0.00
5. PAH's		per sample	\$64.66	\$0.00
6. Lead		per sample	\$17.07	\$0.00
7. EDB by EPA 8011		per sample	\$48.23	\$0.00
8. EDB by EPA Method 8011 Rush		per sample	\$72.77	\$0.00
9. 8 RCRA Metals		per sample	\$67.65	\$0.00
10. TPH (9070)		per sample	\$43.75	\$0.00
11. PH		per sample	\$5.55	\$0.00
12. BOD		per sample	\$21.34	\$0.00
13. Ethanol		per sample	\$15.79	\$0.00
<b>K. Analyses-Drinking Water</b>				
14. BTEXNM+1,2 DCA (524.2)		per sample	\$132.36	\$0.00
15. 7-OXYGENATES & ETHANOL (8260B)		per sample	\$97.90	\$0.00
16. EDB (504.1)		per sample	\$84.83	\$0.00
17. RCRA METALS (200.8)		per sample	\$106.70	\$0.00
<b>K. Analyses-Soil</b>				
18. BTEX + Naphth.		per sample	\$68.29	\$0.00
19. PAH's		per sample	\$68.33	\$0.00
20. 8 RCRA Metals		per sample	\$60.18	\$0.00
21. TPH-DRO (3550C/8015C)		per sample	\$42.68	\$0.00
22. TPH- GRO (5035B/8015C)		per sample	\$38.37	\$0.00
23. Grain size/hydrometer		per sample	\$110.97	\$0.00
24. Total Organic Carbon		per sample	\$32.65	\$0.00
<b>K. Analyses-Air</b>				
25. BTEX + Naphthalene		per sample	\$230.47	\$0.00
<b>K. Analyses-Free Phase Product</b>				
26. Hydrocarbon Fuel Identification		per sample	\$380.92	\$0.00
<b>L. Aquifer Characterization*</b>				
1. Pumping Test		per hour	\$24.54	\$0.00
2. Slug Test		per test	\$203.80	\$0.00
3. Fractured Rock		per test	\$106.70	\$0.00

<b>M. Free Product Recovery Rate Test*</b>		each	\$40.55	\$0.00
<b>N. Fate/Transport Modeling</b>				
1. Mathematical Model		each	\$106.70	\$0.00
2. Computer Model		each	\$106.70	\$0.00
<b>O. Risk Evaluation</b>				
1. Tier I Risk Evaluation		each	\$320.10	\$0.00
2. Tier II Risk Evaluation		each	\$106.70	\$0.00
<b>P. Subsequent Survey*</b>		each	\$260.00	\$0.00
<b>Q. Disposal (gallons or tons)*</b>				
1. Wastewater		gallon	\$0.60	\$0.00
2. Free Product		gallon	\$0.53	\$0.00
3. Soil Treatment/Disposal		ton	\$64.02	\$0.00
4. Drilling fluids		gallon	\$0.45	\$0.00
<b>R. Miscellaneous (attach receipts)</b>				
<b>TCL Semi Volatile Water</b>	5	each	\$155.00	\$775.00
		each		\$0.00
		each		\$0.00
<b>T. Tier I Assessment (Use DHEC 3665 form)</b>				
1. Southeast Region		standard	\$11,026.00	\$0.00
2. All Other Counties		standard	\$12,093.00	\$0.00
<b>U. IGWA (Use DHEC 3666 form)</b>				
1. Southeast Region		standard	\$3,803.00	\$0.00
2. All Other Counties		standard	\$4,123.00	\$0.00
<b>22. Corrective Action (Use DHEC 3667 form)</b>		PFP Bid		\$0.00
<b>W. Aggressive Fluid &amp; Vapor Recovery (AFVR)</b>				
1. 8-hour Event*		per event	\$1,467.13	\$0.00
2. 24-hour Event*		per event	\$4,081.28	\$0.00
3. 48-hour Event*		per event	\$6,706.10	\$0.00
4. 96-hour Event*		per event	\$13,409.52	\$0.00
5. Off-gas Treatment 8 hour		per event	\$130.71	\$0.00
6. Off-gas Treatment 24 hour		per event	\$257.68	\$0.00
7. Off-gas Treatment 48 hour		per event	\$348.91	\$0.00
8. Off-gas Treatment 96 hour		per event	\$832.26	\$0.00
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	\$430.00	\$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	\$500.00	\$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	\$1,000.00	\$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	\$2,000.00	\$0.00
13. AFVR Effluent Disposal(w/chlorinated compounds)		gallon	\$0.50	\$0.00
14. AFVR Site Reconnaissance		each	\$216.87	\$0.00
15. Additional Hook-ups		each	\$27.48	\$0.00
16. AFVR Effluent Disposal		gallon	\$0.47	\$0.00
17. AFVR Mobilization/Demobilization		each	\$417.73	\$0.00
<b>X. Granulated Activated Carbon (GAC) filter system installation &amp; service:</b>				
1. New GAC System Installation*		each	\$2,027.30	\$0.00
2. Refurbished GAC Sys. Install*		each	\$960.30	\$0.00
3. Filter replacement/removal*		each	\$373.45	\$0.00



4. GAC System removal, cleaning, & refurbishment*	each	\$293.43	\$0.00
5. GAC System housing*	each	\$266.75	\$0.00

6. In-line particulate filter		each	\$160.05	\$0.00
7. Additional piping & fittings		foot	\$1.60	\$0.00
<b>Y. Well Repair</b>				
1. Additional Copies of the Report Delivered		each	\$53.35	\$0.00
2. Repair 2x2 MW pad*		each	\$53.35	\$0.00
3. Repair 4x4 MW pad*		each	\$93.90	\$0.00
4. Replace well vault*		each	\$125.91	\$0.00
5. Replace well cover bolts		each	\$2.77	\$0.00
6. Replace locking well cap & lock		each	\$16.00	\$0.00
7. Replace/Repair stick-up*		each	\$142.98	\$0.00
8. Convert Flush-mount to Stick-up*		each	\$160.05	\$0.00
9. Convert Stick-up to Flush-mount*		each	\$138.71	\$0.00
10. Replace missing/illegible well ID plate		each	\$12.80	\$0.00
<b>S. Report Prep &amp; Project Management</b>	12%	percent	\$1,861.84	\$223.42
<b>TOTAL</b>				\$2,085.26

DHEC D-4074 (1-2020) \*The appropriate mobilization cost can be added to complete these tasks, as necessary

## Document Receipt Information

Hard Copy

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Permit Number 04785

Project Manager Lead Miner

Name of Contractor KLM Env

Docket Title Monitoring Report

Document Number 157 Tech

Scanned \_\_\_\_\_

MONITORING REPORT  
Quick Pantry # 19  
Greenwood, South Carolina  
Site ID# 04785



**KLM Environmental, LLC**

Phase I/Phase II Underground Storage Tanks/Soil & Water Sampling/Well Installation  
PO Box 2704  
Goose Creek, SC 29445  
843-870-4285 Phone  
843-797-1893 Fax

May 30<sup>th</sup>, 2022

*Prepared for:*

**Mr. Read Miner, PG**  
**Remediation Section**  
**SCDHEC-USMD**  
2600 Bull Street  
Columbia, SC 29201

*Prepared by:*

**KLM Environmental, LLC.**  
PO Box 2704  
Goose Creek, SC 29445  
(843) 870-4285  
UST Contractor # 345

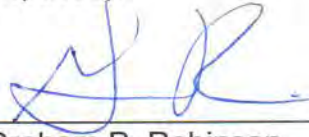
**Project # 21547.4 May 2022**



## SIGNATURE PAGE

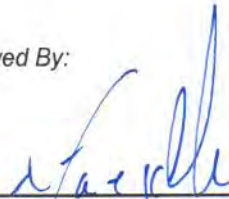
This report entitled "**MONITORING REPORT**" for **Quick Pantry # 19** has been prepared at the request of and for the exclusive use of the South Carolina Department of Health and Environmental Control. It has been prepared and reviewed by the undersigned.

Prepared By:



Graham P. Robinson  
Hydrogeologist

Viewed By:



Mark L. Keller, PG  
President

5/30/22

Date



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## 1.0 INTRODUCTION

The Quick Pantry # 19 site is located at 1802 South Main Street in Greenwood, South Carolina. A general site location map is provided as Figure 1 in Appendix A. Due to the large area needed for mapping, the site map has been split into Site Map One shown as Figure 2a, and Site Map Two as Figure 2b. The property owner is SMVS Real Estate, LLC located at 1802 South Main Street in Greenwood, SC 29646. The UST responsible party is Bahuchar Mata, LLC located at 311 Oakmonte Circle in Greenwood, SC 29649; phone 864-378-6993. KLM Environmental is the Certified UST Site Rehabilitation Contractor performing the work (Certification # 345). KLM's address is PO Box 2704, Goose Creek, SC 29445; phone 843-870-4285. Analytical Environmental Services, Inc. is the certified laboratory used to analyze the samples for this work (Certification # 98016003). AES's main address is 3080 Presidential Drive, Atlanta, GA 30340, phone # 770-457-8177.

The Quick Pantry # 19 site is an active gasoline station surrounded by residential and commercial property. This site is zoned General Commercial by Greenwood County. A copy of the zoning information can be found on the Greenwood County website. The site currently contains three underground storage tanks consisting of two 4,000-gallon gasoline tanks and one 5,000-gallon gasoline tank. Both 4,000-gallon tanks are in use, but the 5,000-gallon gasoline tank has been abandoned in place due to a failed tank tightness test in February of 2021. There are two dispensers associated with these tanks. The investigation of this site was prompted by reports of a petroleum smell near the housing complex on Foundry Road. The release was reported on March 9<sup>th</sup>, 2021 in response to a failed tank tightness test and the presence of free product around the tank pit. KLM Environmental was tasked with the emergency abatement of the release, and abatement actions were initiated by shutting down the leaking tank and installing a skimming system of oil-absorbent booms to catch the petroleum on the creek's surface. After the installation of the boom system, KLM Environmental began a series of long duration Aggressive Fluid and Vapor Recovery (AFVR) events along with coordination with the SCDHEC for the Tier II Assessment. Immediately prior to the completion of this report an additional petroleum release occurred. Due to a misunderstanding or miscommunication, the fuel supplier for the Quick Pantry # 19 filled the now abandoned but not at the time, underground storage tank with 3,400 gallons of gasoline. Over 500 gallons had leaked out before the fuel supplier returned to transfer the fuel to the proper tank. The new release was reported on September 28<sup>th</sup>, 2021 by KLM Environmental after the store owner made contact to be advised on what to do. Abatement actions for that are being conducted in conjunction with Release #1.



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The subject site is primarily underlain by a sand clay mixture that transitions from sandy loam to clay loam and is further underlain by Charlotte Terrane meta-igneous rocks.

For a list of previous work on this site, please refer to Section 4.0 of this report. This report serves to provide the results from the comprehensive sampling event conducted at the site as requested by the SCDHEC Project Manager.

## 2.0 ASSESSMENT INFORMATION

### 2.1 Groundwater Sampling

Figure 2 in Appendix A serves as the comprehensive site map showing the locations of the twenty-five monitoring wells, four telescoping deep wells, three recovery wells, and six surface waters.

KLM personnel mobilized to the site on May 4<sup>th</sup> and 5<sup>th</sup>, 2022 and attempted to sample all wells associated with the Quick Pantry # 19 site. As requested, for wells that contained free product, KLM sampled below the product to obtain analytical data from those seven wells. Purging was performed on any wells that did not bracket the water table as directed by the SCHDEC Project Manager. A minimum of three well volumes were attempted to be purged from those wells prior to sample collection using an electric purge pump. The purge pump and hose were decontaminated between wells with a triple station rinse as outlined in the QAPP. Immediately after well purging was completed, groundwater samples were collected using disposable bottom entry sampling bailers, decanted into sterile glass sample containers provided by the analytical laboratory, and preserved in accordance with United States Environmental Protection Agency (USEPA) sampling protocol. Standard field parameters (pH, specific conductivity, temperature, dissolved oxygen, salinity, and turbidity) were measured with the Horiba U-52 (serial # W22MV13L) and recorded for each sample during well purging or at the time of collection. The Horiba U-52 was calibrated with Horiba 100-4 standard solution prior to use and the calibration records are recorded on the calibration sheet which are included in Appendix B. Following collection in the field, the groundwater samples were packed on wet ice in coolers supplied by the laboratory. Sample coolers were stored in a refrigerator to reduce ice melt until the sample coolers could be shipped to Analytical Environmental Services (SCDHEC Certification # 98016003) and analyzed for Benzene, Toluene, Ethylbenzene, total Xylenes (BTEX), Methyl-tert Butyl Ether (MTBE), Naphthalene, 1,2 DCA, 8 Oxygenates, and EDB. Analytical results are provided in Tables 1 and 1B, and in Appendix B. Field sampling sheets are provided in Appendix B. A map is provided as Figure 3 in Appendix A showing the sample results along with the well locations, as well as the general locations of the surface water samples. A chemical of concern (COC) delineation map is included as Figure 3 in Appendix A. Also included as Figure 3B and 3C are free product delineation maps from September of 2021 and May of 2022 to show the change in product area across the sites. A disposal manifest for 83.5 gallons of contaminated purge water is provided in Appendix G. Results for all wells sampled are as follows:

TABLE 1  
Summary of Analytical Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/04/22	16000	38000	3100	16000	1300	<2500	<500	<0.021	NS
MW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/04/22	19000	48000	3500	18000	1000	<2500	<500	<0.020	NS
MW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/04/22	8800	32000	2300	16000	<50	530	<50	<0.020	NS
MW-4	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/04/22	22000	59000	3800	33000	2700	560	<100	0.767	NS
MW-5	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/04/22	12000	33000	2800	14000	<1.0	410	<1.0	<0.020	NS
MW-6	8/26/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	5.23
	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-7	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/04/22	5700	17000	1700	10000	180	310	<50	<0.020	NS
MW-8	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/04/22	17000	38000	3000	17000	860	<2500	<500	<0.020	NS
MW-9	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/04/22	8500	26000	3100	14000	<50	470	<50	<0.020	NS
MW-10	8/26/21	1.5	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	05/05/22	1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-11	8/26/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	05/05/22	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020	NS
MW-12	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/04/22	14000	35000	3500	17000	140	530	<50	<0.020	NS
MW-13	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/04/22	1800	11000	1400	8100	<1.0	260	<1.0	<0.020	NS
MW-14	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/05/22	2900	10000	1600	9700	<50	660	<50	<0.020	NS
MW-15	9/2/21	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020	<1.00
	05/05/22	<1.0	<1.0	<1.0	1.4	<1.0	<5.0	<1.0	<0.020	NS
MW-16	9/2/21	51	130	32	160	<1.0	<5.0	<1.0	<0.020	<1.00
	05/05/22	<1.0	<1.0	<1.0	2.0	<1.0	<5.0	<1.0	<0.020	NS
MW-17	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/05/22	20	1.4	<1.0	2.9	120	<5.0	<1.0	<0.020	NS
MW-18	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/05/22	13000	31000	2900	15000	500	820	<50	<0.020	NS
MW-19	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	05/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-20	9/2/21	2200	23	2.2	54	140	86	<1.0	<0.020	<1.00
	05/04/22	900	2.8	2.3	3.0	150	18	<1.0	<0.020	NS
MW-21	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	05/05/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.021	NS
MW-22	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS

TABLE 1  
Summary of Analytical Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-23	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-24	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-25	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	05/05/22	37	<1.0	4.5	6.3	<1.0	<5.0	<1.0	<0.020	NS
RW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/04/22	18000	46000	3600	18000	1200	560	<100	<0.020	NS
RW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/04/22	370000	1700000	270000	1400000	9700	100000	<5000	<0.109	NS
RW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	05/04/22	8000	18000	2300	14000	1500	700	<100	<0.020	NS
DW-1	8/26/21	2.1	4.8	5.0	25	3.2	<5.0	<1.0	<0.020	<1.00
	05/04/22	35	66	3.2	29	13	<5.0	<1.0	<0.020	NS
DW-2	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
DW-3	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.019	<1.00
	05/04/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.020	NS
DW-4	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	05/04/22	<1.0	<1.0	<1.0	<1.0	2.6	<5.0	<1.0	<0.021	NS
SW-1	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	2.06
	05/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
SW-2	9/2/21	4.7	<1.0	<1.0	2.1	<1.0	<5.0	<1.0	<0.020	30.2
	05/05/22	3200	6100	510	2500	6.5	30	<1.0	<0.020	NS
SW-3	9/2/21	3.2	2.1	<1.0	3.6	<1.0	<5.0	<1.0	<0.020	93.1
	05/05/22	4500	6700	490	3000	68	95	<1.0	<0.020	NS
SW-4	9/2/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	05/05/22	180	170	8.4	190	15	8.9	<1.0	<0.020	NS
SW-5	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	16.8
	05/05/22	3.8	12	1.5	130	1.7	8.8	<1.0	<0.021	NS
SW-6	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	6.53
	05/05/22	<1.0	<1.0	<1.0	2.6	<1.0	<5.0	<1.0	<0.020	NS



TABLE 1  
Summary of Analytical Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
QA / QC Data										
Duplicate 1 (MW-7)	05/04/22	5400	15000	1600	9000	180	270	<50	<0.020	NS
Duplicate 2 (MW-10)	05/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Equipment Blank 1	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Equipment Blank 2	05/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Field Blank 1	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Field Blank 2	05/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
Trip Blank 1	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS
Trip Blank 2	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS

TABLE 1B  
Summary of Oxygenate Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
<b>RBSL</b>	--	<b>47</b>	<b>128</b>	<b>150</b>	<b>1400</b>	<b>240</b>	--	<b>10000</b>	--
MW-1	05/04/22	<5000	<5000	<5000	<50000	<50000	<50000	<b>24000000</b>	<50000
MW-2	05/04/22	<5000	<5000	<5000	<50000	<50000	<50000	<b>300000</b>	<50000
MW-3	05/04/22	<500	<500	<b>710</b>	<5000	<b>26000</b>	<5000	<5000	<5000
MW-4	05/04/22	<1000	<1000	<b>6100</b>	<10000	<10000	<10000	<10000	<10000
MW-5	05/04/22	<10	<b>130</b>	<b>730</b>	<100	<b>5500</b>	<100	<100	<100
MW-6	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	05/04/22	<500	<500	<b>950</b>	<5000	<b>5700</b>	<5000	<5000	<5000
MW-8	05/04/22	<5000	<5000	<5000	<50000	<50000	<50000	<50000	<50000
MW-9	05/04/22	<500	<500	<b>700</b>	<5000	<b>5100</b>	<5000	<5000	<5000
MW-10	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	05/04/22	<500	<500	<b>3300</b>	<5000	<b>6100</b>	<5000	<5000	<5000
MW-13	05/04/22	<10	10	98	<100	<b>1400</b>	<100	<100	<100
MW-14	05/05/22	<500	<500	<500	<5000	<b>7000</b>	<5000	<5000	<5000
MW-15	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	05/05/22	<10	62	<b>800</b>	<100	<b>820</b>	<100	<100	<100
MW-18	05/05/22	<500	<500	<b>3600</b>	<5000	<5000	<5000	<5000	<5000
MW-19	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-20	05/04/22	<10	23	<b>310</b>	<100	170	<100	<100	<100
MW-21	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	05/05/22	<10	<10	41	<100	<100	<100	<100	<100
RW-1	05/04/22	<1000	<1000	<b>4700</b>	<10000	<b>26000</b>	<10000	<10000	<10000
RW-2	05/04/22	<50000	<50000	<b>75000</b>	<500000	<500000	<500000	<b>29000000</b>	<500000
RW-3	05/04/22	<1000	<1000	<b>3000</b>	<10000	<b>40000</b>	<10000	<10000	<10000
DW-1	05/04/22	<10	<10	23	<100	<100	<100	<100	<100
DW-2	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	05/04/22	<10	<10	23	<100	<100	<100	<100	<100
SW-1	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	05/05/22	<10	28	<b>350</b>	<100	<100	<100	<100	<100
SW-3	05/05/22	<10	82	<b>690</b>	<100	<b>780</b>	<100	<100	<100
SW-4	05/05/22	<10	15	<b>210</b>	<100	<b>360</b>	<100	<100	<100
SW-5	05/05/22	<10	<10	25	<100	120	<100	<100	<100
SW-6	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100

TABLE 1B Cont.  
Summary of Oxygenate Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	Ethanol	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
QA / QC Data									
Duplicate 1 (MW-7)	05/04/22	<500	<500	<b>930</b>	<5000	<b>5600</b>	<5000	<5000	<5000
Duplicate 2 (MW-10)	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
Equipment Blank 1	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
Equipment Blank 2	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
Field Blank 1	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
Field Blank 2	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
Trip Blank 1	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
Trip Blank 2	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100

Note: All results in µg/l. Numbers in bold exceed RBSL. FP = Free Product.

2.2 Piezometric Data

Field sampling sheets for the well sampling along with the calibration logs are provided in Appendix B. Groundwater elevation data for all monitoring wells associated with the release at the site can be found in Table 2. A shallow groundwater flow map is included in Appendix A as Figure 4 detailing the groundwater flow direction in the shallow monitoring wells.

TABLE 2 Groundwater Data (feet) Quick Pantry # 19 Greenwood, SC						
Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	GW Elevation
MW-1*	5/4/22	623.56	X-28.5	15.29	15.40	FP
MW-2	5/4/22	623.38	10-20	--	15.04	608.34
MW-3	5/4/22	625.10	10-20	--	16.12	608.98
MW-4	5/4/22	623.30	10-20	--	15.22	608.08
MW-5*	5/4/22	622.12	10-20	13.67	13.82	FP
MW-6	5/4/22	622.84	10-20	--	13.21	609.63
MW-7	5/4/22	614.92	8-18	--	8.98	605.94
MW-8*	5/4/22	615.10	5-15	8.20	10.24	FP
MW-9	5/4/22	615.58	7.5-17.5	--	8.21	607.37
MW-10	5/5/22	608.68	2-12	--	1.03	607.65
MW-11	5/5/22	606.78	4-14	--	3.03	603.75
MW-12*	5/4/22	611.62	7-17	7.22	8.41	FP
MW-13	5/4/22	610.45	5-15	--	6.04	604.41
MW-14*	5/5/22	608.36	5-15	6.02	6.18	FP
MW-15	5/5/22	610.20	5-15	--	6.34	603.86
MW-16	5/5/22	605.95	5-15	--	5.56	600.39
MW-17	5/5/22	601.53	3-13	--	0.13	601.40
MW-18*	5/5/22	604.03	4-14	2.93	3.11	FP
MW-19	5/5/22	605.81	5-15	--	5.03	600.78
MW-20	5/4/22	601.51	3-13	--	1.72	599.79
MW-21	5/5/22	604.50	5-15	--	6.74	597.76
MW-22	5/4/22	600.57	5-15	--	5.04	595.53
MW-23	5/4/22	602.51	5-15	--	6.64	595.87
MW-24	5/4/22	602.73	5-15	--	6.96	595.77
MW-25	5/5/22	606.98	6-16	--	4.15	602.83
RW-1*	5/4/22	624.54	10-20	15.97	16.34	FP
RW-2*	5/4/22	623.44	10-20	--	14.88	608.56
RW-3*	5/4/22	623.34	10-20	--	15.16	608.18
DW-1*	5/4/22	624.84	40-45	--	16.36	608.48
DW-2*	5/4/22	611.79	35-40	--	8.14	603.65
DW-3*	5/4/22	610.33	35-40	--	5.79	604.54
DW-4*	5/4/22	602.27	20-25	--	6.83	595.44

\*= wells not used to construct Shallow Groundwater Flow Map



Depths to fluid measurements were collected relative to the top of casing for each well. A hydrocarbon interface probe capable of detecting and measuring a hydrocarbon product thickness of 0.01 foot or 1/8 inch was used for depth to fluid measurements.

### 3.0 CONCLUSIONS

Results from the contamination delineation indicate contaminants exist at the Quick Pantry # 19 site in excess of the Risk Based Screening Levels (RBSLs) as established by the SCDHEC. Free product was present in monitoring wells MW-1, MW-5, MW-8, MW-12, MW-14, MW-18, and RW-1. During the Tier II event, sixteen wells at the site contained free product where now only seven wells contain product. In addition, the free product thickness across the site has diminished significantly. Please see the historical groundwater levels and free product thickness data provided in Appendix F.

KLM sampled free product wells below the product interface to establish some information on dissolved concentration levels. Those results indicate very high levels but may be skewed as the close proximity to free product forced elevated levels in the samples. That is surmised based on the analytical results in wells that contained free product in September of 2021 compared to the contaminant levels detected in this event after free product was removed. Contaminants above the RBSLs were found in monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-7, MW-8, MW-9, MW-12, MW-13, MW-14, MW-17, MW-18, MW-20, MW-25, RW-1, RW-2, RW-3, and DW-1. Contaminants were also identified in the surface water samples SW-2, SW-3, and SW-4 above the regulatory limits. It was noted that the area had significant rain before KLM conducted the event which may have forced contaminated groundwater to flow out into the drainage system thus providing elevated results in these samples.

As is depicted in Figure 3b in Appendix A, the contaminant plume is migrating into and across the creek to the east of the Quick Pantry # 19 site, which continues on and has been confirmed to empty into the pond located on the Foundry site. The plume is currently undefined horizontally to the west. The contaminant plume was defined horizontally to the south on the former foundry property utilizing temporary wells during an assessment conducted in December of 2021. Additional monitoring wells were not installed as that area is subject to the Brownfields program through the SCDHEC. The cost for maintenance during and after the proposed contaminant cap installation outweighed the benefit of installing wells on that site. The report detailing that assessment is titled Tier II Addendum dated February 8<sup>th</sup>, 2022.

Contaminants were identified in telescoping well DW-1 and are now above regulatory limits where previously they were not. No contaminants were identified in any of the other 3 deep wells, and vertical

gradient calculations done during the Tier II with the deep wells near the center of the plume indicate a discharging aquifer. The lack of contaminants and the upward flow of water in the deep wells indicate the contaminant plume will likely continue migrating along the top of the water table, rather than diving deeper into the subsurface. DW-1 should be observed frequently to ensure contaminants are not migrating downward.

Previous Aggressive Fluid Vapor Recovery (AFVR) events have proven extremely effective at this site. To date, a total of 1061.11 gallons of free product, 1162.82 gallons of product as vapor, and a total of 16,489.54 gallons of contaminated ground water have been recovered during only six events at the site. The free product has diminished significantly in both depth and breadth since the Tier II Report was submitted in September of 2021. KLM is currently scheduled to conduct at a minimum of five AFVR events beginning in June of 2022 and ending in July of 2022 at the request of the SCDHEC Project Manager. More events may be added as the effectiveness is gauged while the events are ongoing.

#### 4.0 REFERENCES

KLM Environmental, LLC, *Tier II Addendum Report*, February 2022.

KLM Environmental, LLC, *AFVR Report*, January 2022.

KLM Environmental, LLC, *Tier II Report*, October 2021.

KLM Environmental, LLC, *AFVR Report*, August 2021.

KLM Environmental, LLC, *AFVR Report*, June 2021.

KLM Environmental, LLC, *AFVR Report*, April 2021.

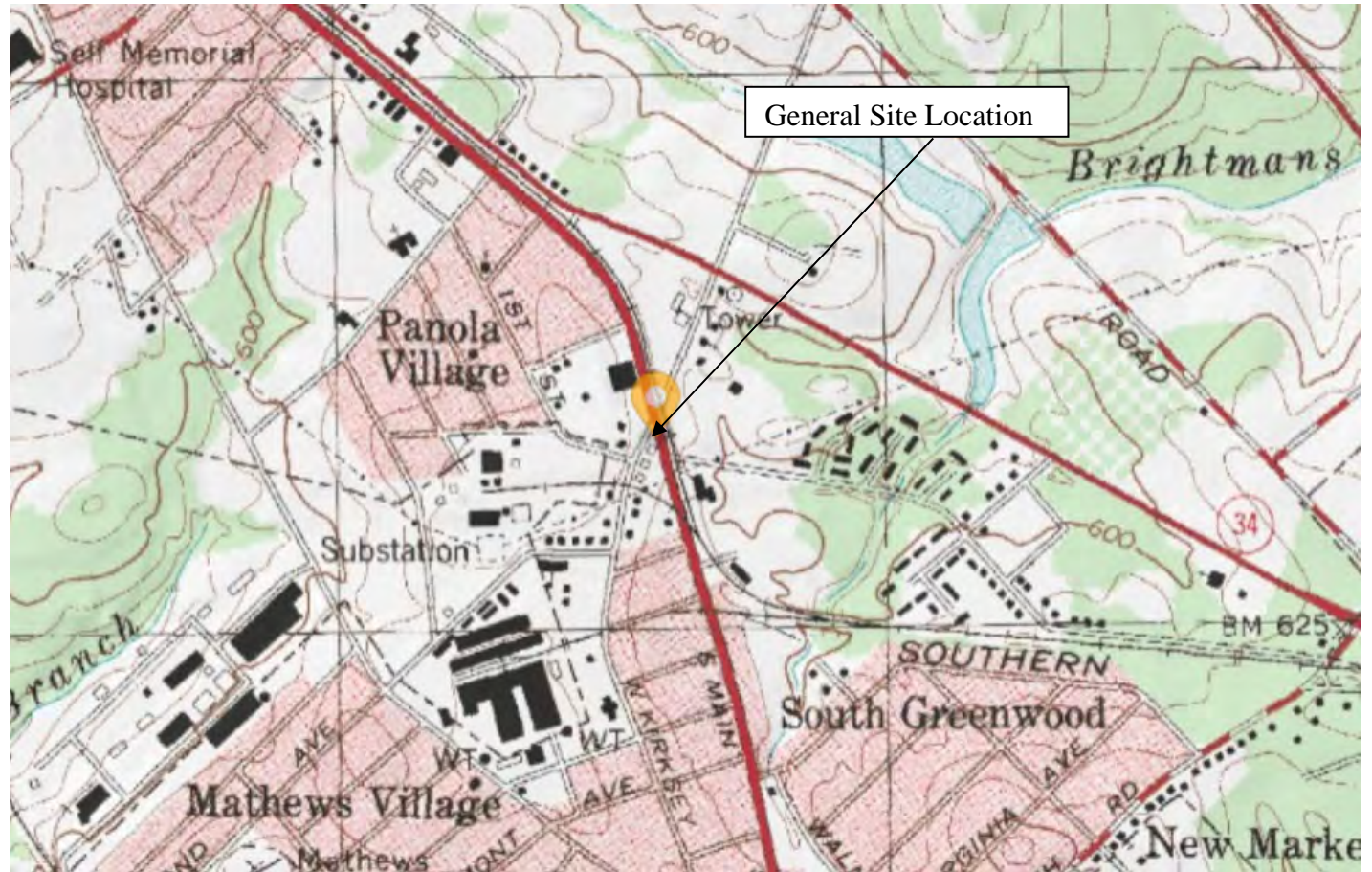
KLM Environmental, LLC, *Initial Containment Boom Report*, April 2021.

South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management Underground Storage Tank Program, *South Carolina Quality Assurance Program Plan Revision 4.0*, July 2020.

## APPENDIX A

### Figures





**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 1

USGS Map

Quick Pantry # 19

Greenwood, SC

UST # 04785



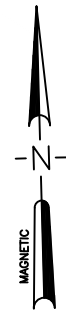
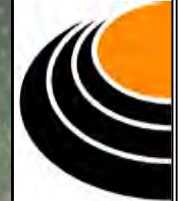


FIGURE 2

SITE MAP

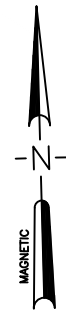
QUICK PANTRY # 19

GREENWOOD, SC UST # 04785

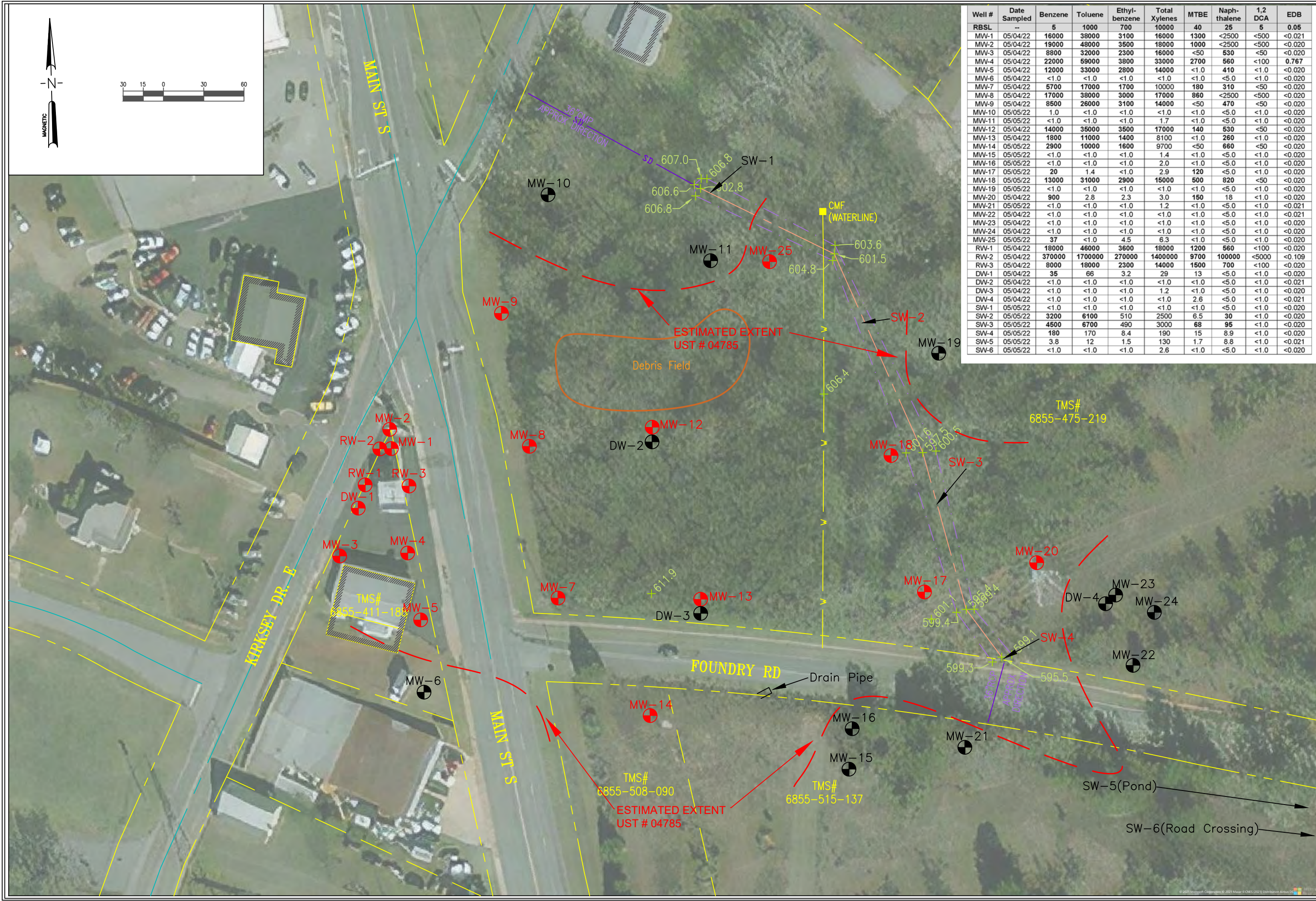


**KLM Environmental, LLC**  
Phase I: Phase II: Underground Storage Tanks Soil & Water Sampling - Well Installation

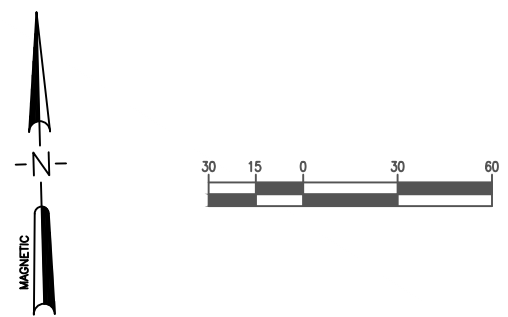




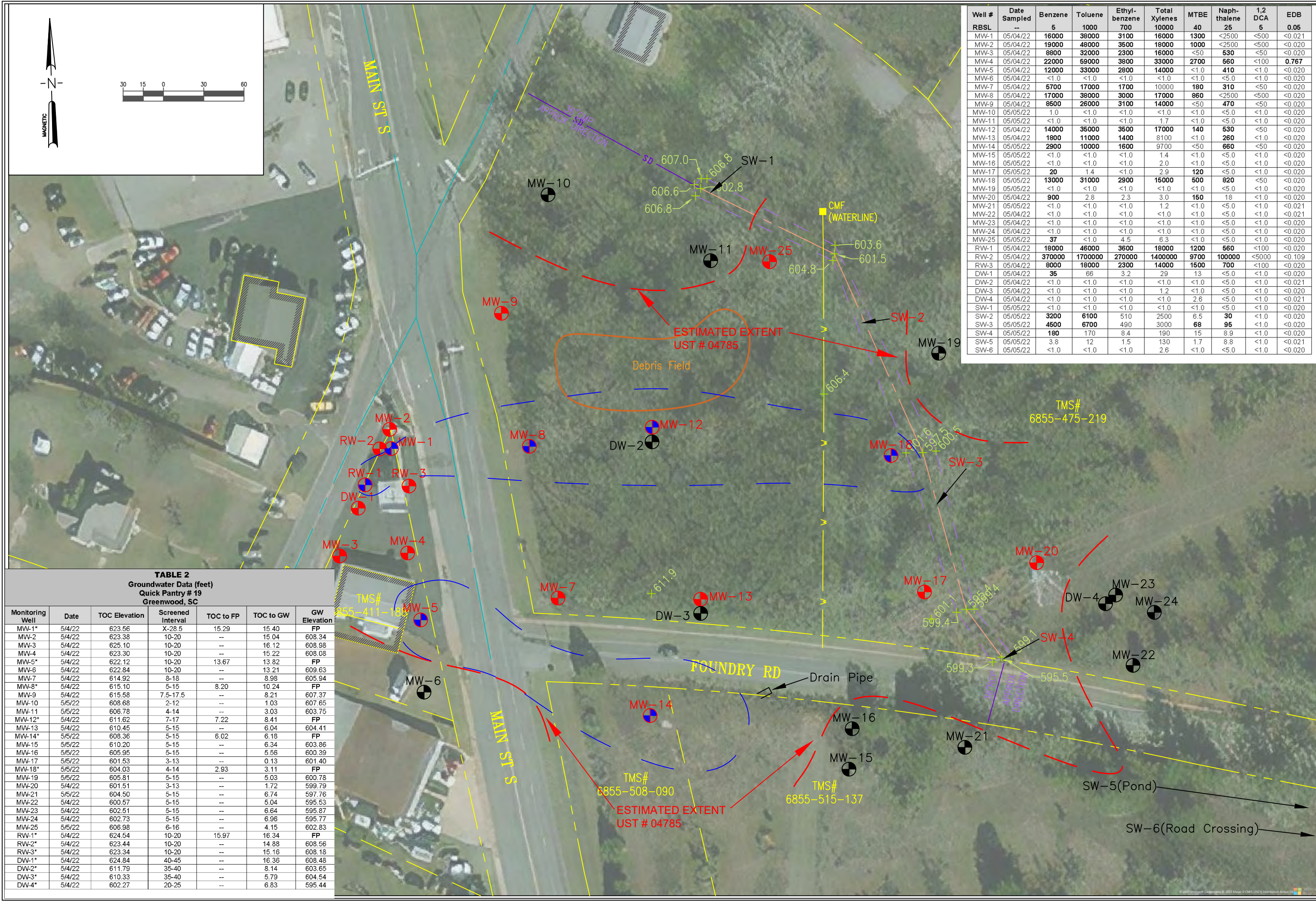
Well #	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB
RBSL	--	5	1000	700	10000	40	25	5	0.05
MW-1	05/04/22	16000	38000	3100	16000	1300	<2500	<500	<0.021
MW-2	05/04/22	19000	48000	3500	18000	1000	<2500	<500	<0.020
MW-3	05/04/22	8800	32000	2300	16000	<50	530	<50	<0.020
MW-4	05/04/22	22000	59000	3800	33000	2700	560	<100	0.767
MW-5	05/04/22	12000	33000	2800	14000	<1.0	410	<1.0	<0.020
MW-6	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-7	05/04/22	5700	17000	1700	10000	180	310	<50	<0.020
MW-8	05/04/22	17000	38000	3000	17000	860	<2500	<500	<0.020
MW-9	05/04/22	8500	26000	3100	14000	<50	470	<50	<0.020
MW-10	05/05/22	1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-11	05/05/22	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020
MW-12	05/04/22	14000	35000	3500	17000	140	530	<50	<0.020
MW-13	05/04/22	1800	11000	1400	8100	<1.0	260	<1.0	<0.020
MW-14	05/05/22	2900	10000	1600	9700	<50	660	<50	<0.020
MW-15	05/05/22	<1.0	<1.0	<1.0	1.4	<1.0	<5.0	<1.0	<0.020
MW-16	05/05/22	<1.0	<1.0	<1.0	2.0	<1.0	<5.0	<1.0	<0.020
MW-17	05/05/22	20	1.4	<1.0	2.9	120	<5.0	<1.0	<0.020
MW-18	05/05/22	13000	31000	2900	15000	500	820	<50	<0.020
MW-19	05/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-20	05/04/22	900	2.8	2.3	3.0	150	18	<1.0	<0.020
MW-21	05/05/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.021
MW-22	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021
MW-23	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-24	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-25	05/05/22	37	<1.0	4.5	6.3	<1.0	<5.0	<1.0	<0.020
RW-1	05/04/22	18000	46000	3600	18000	1200	560	<100	<0.020
RW-2	05/04/22	370000	1700000	270000	1400000	9700	100000	<5000	<0.109
RW-3	05/04/22	8000	18000	2300	14000	1500	700	<100	<0.020
DW-1	05/04/22	35	66	3.2	29	13	<5.0	<1.0	<0.020
DW-2	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021
DW-3	05/04/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.020
DW-4	05/04/22	<1.0	<1.0	<1.0	<1.0	2.6	<5.0	<1.0	<0.021
SW-1	05/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
SW-2	05/05/22	3200	6100	510	2500	6.5	30	<1.0	<0.020
SW-3	05/05/22	4500	6700	490	3000	68	95	<1.0	<0.020
SW-4	05/05/22	180	170	8.4	190	15	8.9	<1.0	<0.020
SW-5	05/05/22	3.8	12	1.5	130	1.7	8.8	<1.0	<0.021
SW-6	05/05/22	<1.0	<1.0	<1.0	2.6	<1.0	<5.0	<1.0	<0.020







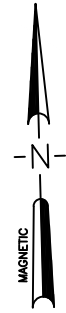
Well #	Date Sampled	Benzene 5	Toluene 1000	Ethylbenzene 700	Total Xylenes 10000	MTBE 40	Naphthalene 25	1,2 DCA 5	EDB 0.05
MW-1	05/04/22	16000	38000	3100	16000	1300	<2500	<500	<0.021
MW-2	05/04/22	19000	48000	3500	18000	1000	<2500	<500	<0.020
MW-3	05/04/22	8800	32000	2300	16000	<50	530	<50	<0.020
MW-4	05/04/22	22000	59000	3800	33000	2700	560	<100	0.767
MW-5	05/04/22	12000	33000	2800	14000	<1.0	410	<1.0	<0.020
MW-6	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-7	05/04/22	5700	17000	1700	10000	180	310	<50	<0.020
MW-8	05/04/22	17000	38000	3000	17000	860	<2500	<500	<0.020
MW-9	05/04/22	8500	26000	3100	14000	<50	470	<50	<0.020
MW-10	05/05/22	1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-11	05/05/22	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020
MW-12	05/04/22	14000	35000	3500	17000	140	530	<50	<0.020
MW-13	05/04/22	1800	11000	1400	8100	<1.0	260	<1.0	<0.020
MW-14	05/05/22	2900	10000	1600	9700	<50	660	<50	<0.020
MW-15	05/05/22	<1.0	<1.0	<1.0	1.4	<1.0	<5.0	<1.0	<0.020
MW-16	05/05/22	<1.0	<1.0	<1.0	2.0	<1.0	<5.0	<1.0	<0.020
MW-17	05/05/22	20	1.4	<1.0	2.9	120	<5.0	<1.0	<0.020
MW-18	05/05/22	13000	31000	2900	15000	500	820	<50	<0.020
MW-19	05/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-20	05/04/22	900	2.8	2.3	3.0	150	18	<1.0	<0.020
MW-21	05/05/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.021
MW-22	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021
MW-23	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-24	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-25	05/05/22	37	<1.0	4.5	6.3	<1.0	<5.0	<1.0	<0.020
RW-1	05/04/22	18000	46000	3600	18000	1200	560	<100	<0.020
RW-2	05/04/22	370000	1700000	270000	1400000	9700	100000	<5000	<0.109
RW-3	05/04/22	8000	18000	2300	14000	1500	700	<100	<0.020
DW-1	05/04/22	35	66	3.2	29	13	<5.0	<1.0	<0.020
DW-2	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021
DW-3	05/04/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.020
DW-4	05/04/22	<1.0	<1.0	<1.0	<1.0	2.6	<5.0	<1.0	<0.021
SW-1	05/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
SW-2	05/05/22	3200	6100	510	2500	6.5	30	<1.0	<0.020
SW-3	05/05/22	4500	6700	490	3000	68	95	<1.0	<0.020
SW-4	05/05/22	180	170	8.4	190	15	8.9	<1.0	<0.020
SW-5	05/05/22	3.8	12	1.5	130	1.7	8.8	<1.0	<0.021
SW-6	05/05/22	<1.0	<1.0	<1.0	2.6	<1.0	<5.0	<1.0	<0.020



**TABLE 2**  
Groundwater Data (feet)  
Quick Pantry # 19  
Greenwood, SC

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	GW Elevation
MW-1*	5/4/22	623.56	X-28.5	15.29	15.40	FP
MW-2	5/4/22	623.38	10-20	--	15.04	608.34
MW-3	5/4/22	625.10	10-20	--	16.12	608.98
MW-4	5/4/22	623.30	10-20	--	15.22	608.08
MW-5*	5/4/22	622.12	10-20	13.67	13.82	FP
MW-6	5/4/22	622.84	10-20	--	13.21	609.63
MW-7	5/4/22	614.92	8-18	--	8.98	605.94
MW-8*	5/4/22	615.10	5-15	8.20	10.24	FP
MW-9	5/4/22	615.58	7.5-17.5	--	8.21	607.37
MW-10	5/5/22	608.68	2-12	--	1.03	607.65
MW-11	5/5/22	606.78	4-14	--	3.03	603.75
MW-12*	5/4/22	611.62	7-17	7.22	8.41	FP
MW-13	5/4/22	610.45	5-15	--	6.04	604.41
MW-14*	5/5/22	608.36	5-15	6.02	6.18	FP
MW-15	5/5/22	610.20	5-15	--	6.34	603.86
MW-16	5/5/22	605.95	5-15	--	5.56	600.39
MW-17	5/5/22	601.53	3-13	--	0.13	601.40
MW-18*	5/5/22	604.03	4-14	2.93	3.11	FP
MW-19	5/5/22	605.81	5-15	--	5.03	600.78
MW-20	5/4/22	601.51	3-13	--	1.72	599.79
MW-21	5/5/22	604.50	5-15	--	6.74	597.76
MW-22	5/4/22	600.57	5-15	--	5.04	595.53
MW-23	5/4/22	602.51	5-15	--	6.64	595.87
MW-24	5/4/22	602.73	5-15	--	6.96	595.77
MW-25	5/5/22	606.98	6-16	--	4.15	602.83
RW-1*	5/4/22	624.54	10-20	15.97	16.34	FP
RW-2*	5/4/22	623.44	10-20	--	14.88	608.56
RW-3*	5/4/22	623.34	10-20	--	15.16	608.18
DW-1*	5/4/22	624.84	40-45	--	16.36	608.48
DW-2*	5/4/22	611.79	35-40	--	8.14	603.65
DW-3*	5/4/22	610.33	35-40	--	5.79	604.54
DW-4*	5/4/22	602.27	20-25	--	6.83	595.44





**TABLE 1b**  
Summary of Analytical Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-4	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-5	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-6	8/26/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	5.23
MW-7	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-8	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-9	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-10	8/26/21	1.5	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-11	8/26/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-12	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-13	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-14	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-15	9/2/21	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020	<1.00
MW-16	9/2/21	51	130	32	160	<1.0	<5.0	<1.0	<0.020	<1.00
MW-17	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-18	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-19	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-20	9/2/21	2200	23	2.2	54	140	86	<1.0	<0.020	<1.00
MW-21	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-22	9/1/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-23	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-24	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-25	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
RW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
RW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
RW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
DW-1	8/26/21	2.1	4.8	5.0	25	3.2	<5.0	<1.0	<0.020	<1.00
DW-2	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-3	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.019	<1.00
DW-4	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
SW-1	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	2.06
SW-2	9/2/21	4.7	<1.0	<1.0	2.1	<1.0	<5.0	<1.0	<0.020	30.2
SW-3	9/2/21	3.2	2.1	<1.0	3.6	<1.0	<5.0	<1.0	<0.020	93.1
SW-4	9/2/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
SW-5	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	16.8
SW-6	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	6.53

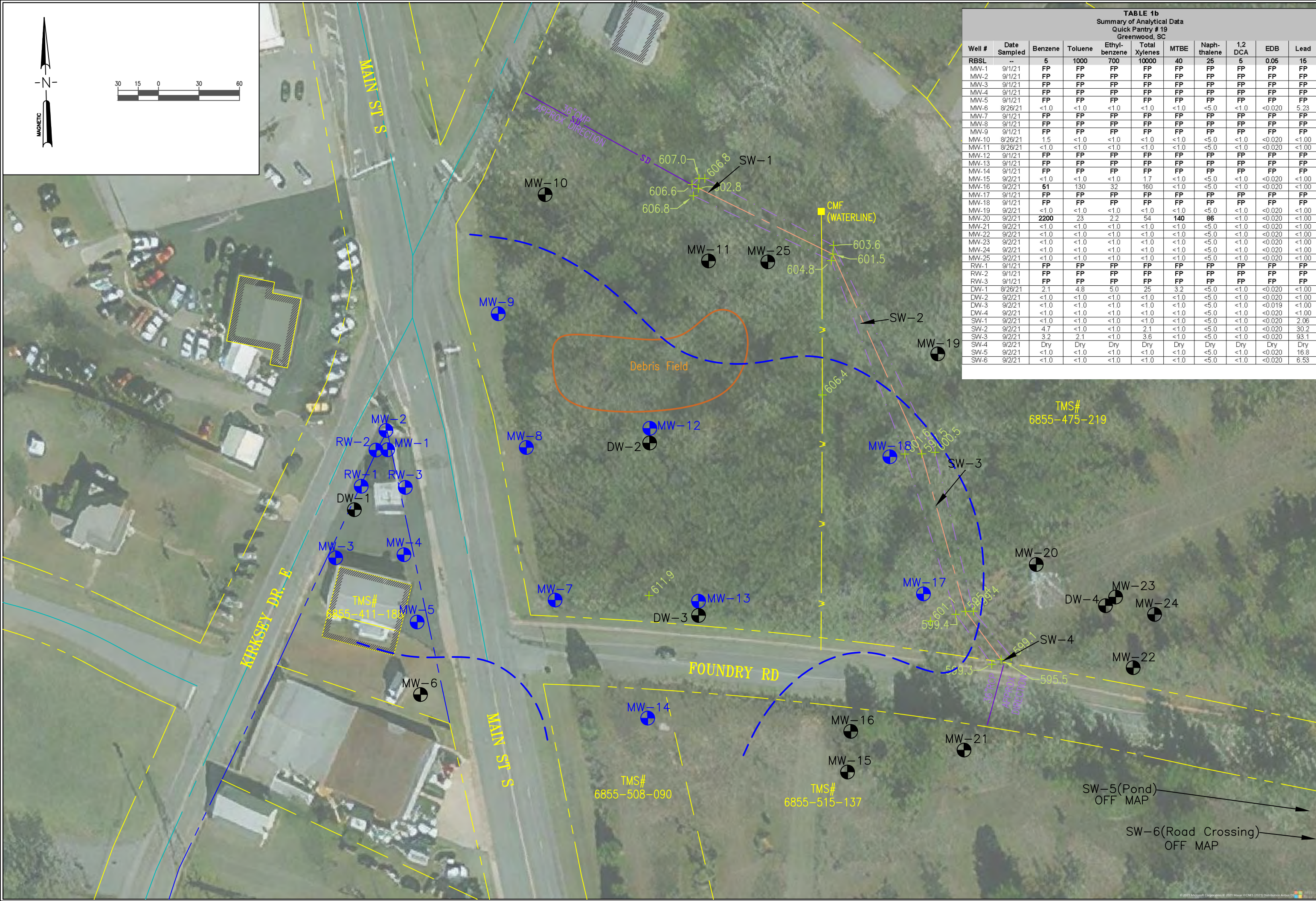


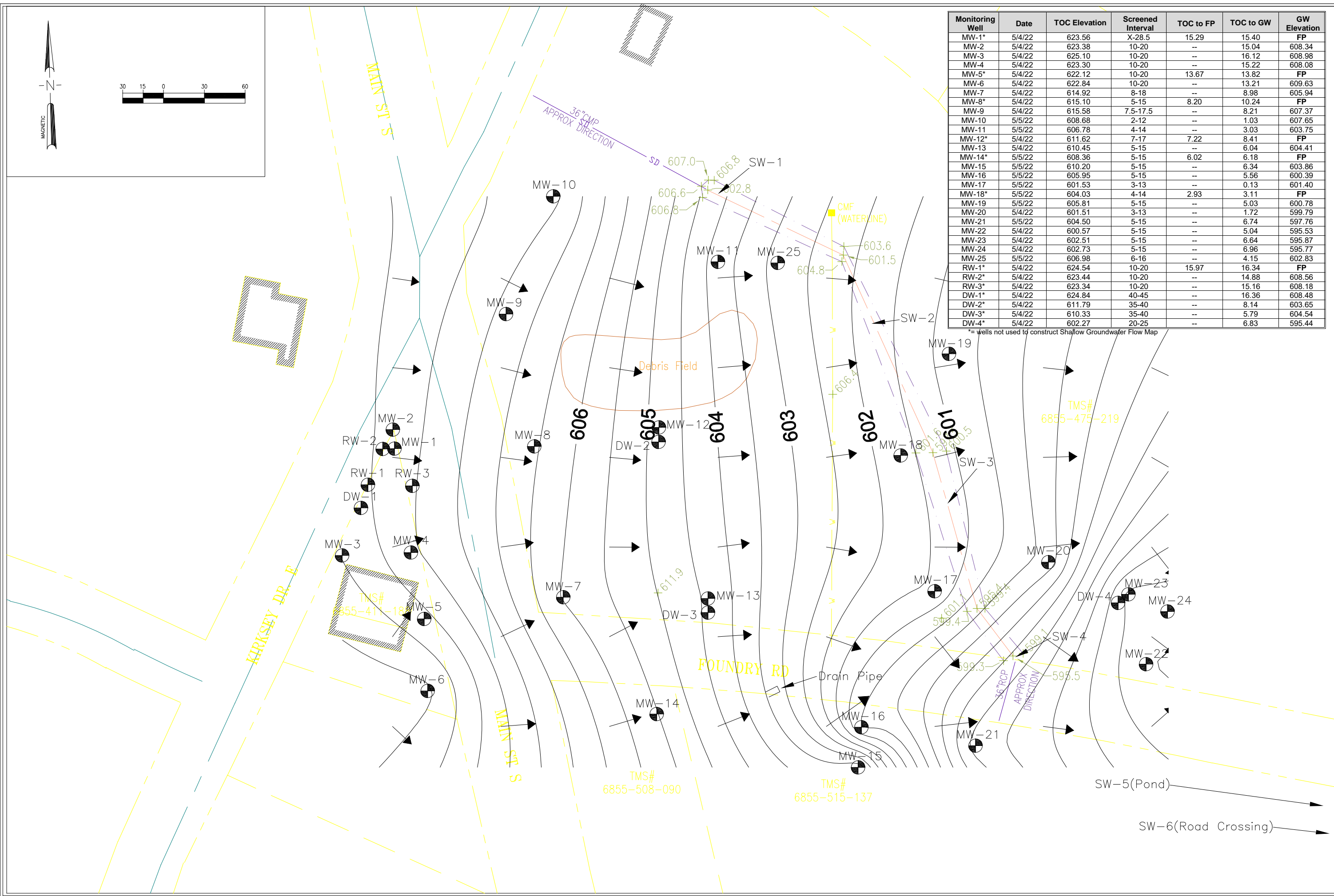
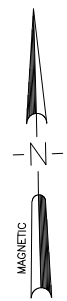
FIGURE 3C

FREE PRODUCT MAP 9-1-21  
 QUICK PANTRY # 19  
 GREENWOOD, SC UST # 04785



**KLM Environmental, LLC**  
 Phase I: Phase II: Underground Storage Tanks Soil & Water Sampling-Well Installation





Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	GW Elevation
MW-1*	5/4/22	623.56	X-28.5	15.29	15.40	FP
MW-2	5/4/22	623.38	10-20	--	15.04	608.34
MW-3	5/4/22	625.10	10-20	--	16.12	608.98
MW-4	5/4/22	623.30	10-20	--	15.22	608.08
MW-5*	5/4/22	622.12	10-20	13.67	13.82	FP
MW-6	5/4/22	622.84	10-20	--	13.21	609.63
MW-7	5/4/22	614.92	8-18	--	8.98	605.94
MW-8*	5/4/22	615.10	5-15	8.20	10.24	FP
MW-9	5/4/22	615.58	7.5-17.5	--	8.21	607.37
MW-10	5/5/22	608.68	2-12	--	1.03	607.65
MW-11	5/5/22	606.78	4-14	--	3.03	603.75
MW-12*	5/4/22	611.62	7-17	7.22	8.41	FP
MW-13	5/4/22	610.45	5-15	--	6.04	604.41
MW-14*	5/5/22	608.36	5-15	6.02	6.18	FP
MW-15	5/5/22	610.20	5-15	--	6.34	603.86
MW-16	5/5/22	605.95	5-15	--	5.56	600.39
MW-17	5/4/22	601.53	3-13	--	0.13	601.40
MW-18*	5/5/22	604.03	4-14	2.93	3.11	FP
MW-19	5/5/22	605.81	5-15	--	5.03	600.78
MW-20	5/4/22	601.51	3-13	--	1.72	599.79
MW-21	5/5/22	604.50	5-15	--	6.74	597.76
MW-22	5/4/22	600.57	5-15	--	5.04	595.53
MW-23	5/4/22	602.51	5-15	--	6.64	595.87
MW-24	5/4/22	602.73	5-15	--	6.96	595.77
MW-25	5/5/22	606.98	6-16	--	4.15	602.83
RW-1*	5/4/22	624.54	10-20	15.97	16.34	FP
RW-2*	5/4/22	623.44	10-20	--	14.88	608.56
RW-3*	5/4/22	623.34	10-20	--	15.16	608.18
DW-1*	5/4/22	624.84	40-45	--	16.36	608.48
DW-2*	5/4/22	611.79	35-40	--	8.14	603.65
DW-3*	5/4/22	610.33	35-40	--	5.79	604.54
DW-4*	5/4/22	602.27	20-25	--	6.83	595.44

\*= wells not used to construct Shallow Groundwater Flow Map

FIGURE 4

PIEZOMETRIC MAP  
QUICK PANTRY # 19  
GREENWOOD, SC UST # 04785



**KLM Environmental, LLC**  
Phase I: Underground Storage Tanks · Soil & Water Sampling · Well Installation



Free Product MW-1



Free Product MW-5



Free Product MW-8



Free Product MW-12



Free Product MW-14



Free Product MW-18



**KLM Environmental, LLC**

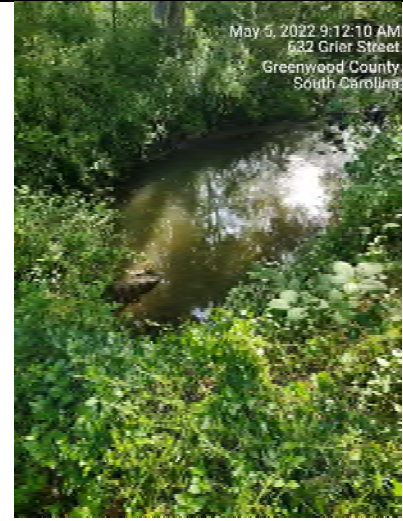
Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

**Figure 5**  
Photographs  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785



May 4, 2022 2:56:11 PM  
802 Main Street South  
Greenwood County  
South Carolina

Free Product RW-1



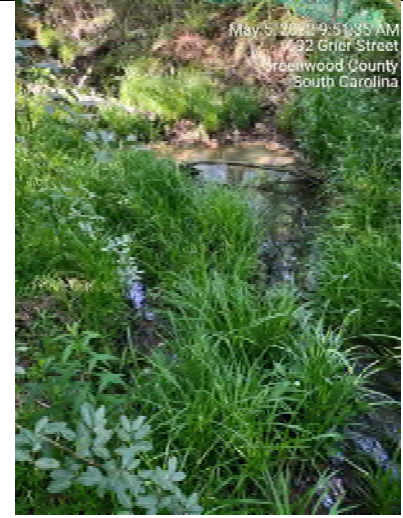
May 5, 2022 9:12:10 AM  
632 Grier Street  
Greenwood County  
South Carolina

SW-1 Location



May 5, 2022 9:49:31 AM  
717 Bond Avenue  
Greenwood County  
South Carolina

SW-2 Location



May 5, 2022 9:51:35 AM  
632 Grier Street  
Greenwood County  
South Carolina

SW-3 Location



May 5, 2022 10:31:07 AM  
911 Main Street South  
Greenwood County  
South Carolina

SW-4 Location



May 5, 2022 11:26:47 AM  
201b Foundry Road  
Greenwood County  
South Carolina

SW-5 Location



**KLM Environmental, LLC**

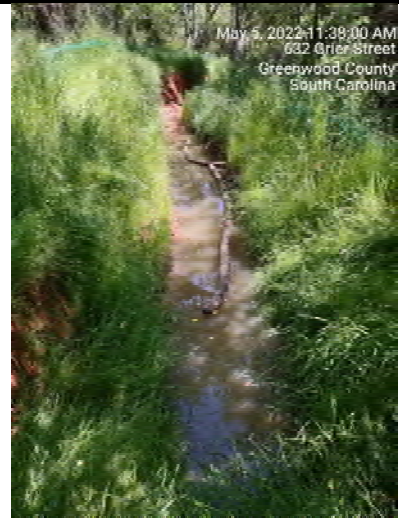
Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

**Figure 6**  
Photographs  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785

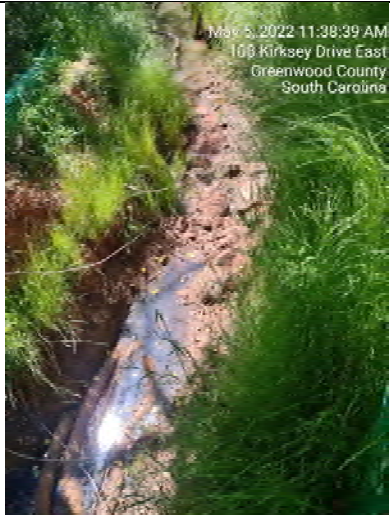




SW-6 Location



Trench Photo 1



Trench Photo 2



Trench Photo 3



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 7  
Photographs  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785



## APPENDIX B

### Laboratory Data / Sampling Sheets



**ANALYTICAL ENVIRONMENTAL SERVICES, INC.**

May 19, 2022

Mark Keller  
KLM Environmental, LLC

118 Springhall Dr Ste E  
Goose Creek SC 29445

RE: Quick Pantry # 19

Dear Mark Keller:

Order No: 2205782

Analytical Environmental Services, Inc. received 46 samples on 5/6/2022 10:00:00 AM  
for the analyses presented in following report.

“No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES’ certifications are as follows:

-South Carolina Certification number 98016003 for Clean Water Act and for Solid and Hazardous Waste, effective until 6/30/22.

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

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

Sincerely,

Eben Buchanan  
Project Manager

**CHAIN OF CUSTODY**

COMPANY: <b>KLM Environmental LLC</b>		ADDRESS: <b>PO Box 2704 Goose Creek, SC 29445</b>				ANALYSIS REQUESTED								Visit our website <a href="http://www.aesatlanta.com">www.aesatlanta.com</a> for downloadable COCs and to log in to your AESAccess account.		Number of Containers
PHONE:		EMAIL: <b>m.keller131@comcast.net</b>				<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; justify-content: space-around; width: 100%;"> <span>BTXIN/M</span> <span>1,2 DCA</span> <span>X oxyanions</span> <span>EDB</span> </div> <div style="border: 1px solid black; width: 100%; height: 100%;"></div> </div>										
SAMPLED BY: <b>Graham Robinson</b>		SIGNATURE: <i>[Signature]</i>												PRESERVATION (see codes)		
#	SAMPLE ID	SAMPLED:		GRAB	COMPOSITE	MATRIX (see codes)										
		DATE	TIME				H+	H+	H+	H+						
1	#04785	MW-1	5-4-22	1215	X	GW	X	X	X	X						
2	↓	MW-2	5-4-22	1200	X	GW	X	X	X	X						
3		MW-3	5-4-22	1335	X	GW	X	X	X	X						
4		MW-4	5-4-22	1350	X	GW	X	X	X	X						
5		MW-5	5-4-22	1405	X	GW	X	X	X	X						
6		MW-6	5-4-22	1420	X	GW	X	X	X	X						
7		MW-7	5-4-22	1435	X	GW	X	X	X	X						
8		MW-8	5-4-22	1450	X	GW	X	X	X	X						
9		MW-9	5-4-22	1505	X	GW	X	X	X	X						
10		MW-10	5-5-22	900	X	GW	X	X	X	X						
11		MW-11	5-5-22	930	X	GW	X	X	X	X						
12		MW-12	5-4-22	1615	X	GW	X	X	X	X						
13		MW-13	5-4-22	1540	X	GW	X	X	X	X						
14		MW-14	5-5-22	1130	X	GW	X	X	X	X						

RELINQUISHED BY: <i>[Signature]</i>		DATE/TIME: <b>5-5-22/1630</b>		RECEIVED BY: <i>[Signature]</i>		DATE/TIME: <b>10:00</b>		PROJECT INFORMATION				RECEIPT	
1.				1.				PROJECT NAME: <b>Quick Pantry #19</b>				Total # of Containers	
2.				2.				PROJECT #:				Turnaround Time (TAT) Request in Business Days	
3.				3.				SITE ADDRESS:				<input type="checkbox"/> Standard <input type="checkbox"/> 4-Day Rush* <input type="checkbox"/> 3-Day Rush* <input type="checkbox"/> 2-Day Rush* <input type="checkbox"/> Next Day Rush* <input type="checkbox"/> Other _____ <input type="checkbox"/> Same-Day Rush*(auth req.)	
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				SEND REPORT TO: <b>Mark Keller</b>				*Surcharges apply for Rush TAT	
				OUT: / /      VIA: <b>3.0°C</b> IN: / /      VIA: <b>3.9°C</b> Client <input checked="" type="radio"/> FedEx    UPS    US mail    courier other: _____				INVOICE TO (IF DIFFERENT FROM ABOVE):				REGULATORY PROGRAM (if any):	
								QUOTE #: _____ PO#: _____				DATA PACKAGE: <input type="radio"/> I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/> O	

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.



**CHAIN OF CUSTODY**

COMPANY: KLM Environmental LLC		ADDRESS: PO Box 2704 Goose Creek, SC 29445					ANALYSIS REQUESTED								Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.		Number of Containers
PHONE:		EMAIL: mkeller131@comcast.net					BTEX, N, M 1,2 DCA 8 organohalides EDD								REMARKS		
SAMPLED BY: Graham Robinson		SIGNATURE: <i>[Signature]</i>															
#	SAMPLE ID	SAMPLED:		GRAB	COMPOSITE	MATRIX (see codes)	PRESERVATION (see codes)								REMARKS		
		DATE	TIME				H+I	H+I	H+I	H+I							
1	#04985	MW-15	5-5-22	1200	X	GW	X	X	X	X							
2		MW-16	5-5-22	1145	X	GW	X	X	X	X							
3		MW-17	5-5-22	1100	X	GW	X	X	X	X							
4		MW-18	5-5-22	1030	X	GW	X	X	X	X							
5		MW-19	5-5-22	1015	X	GW	X	X	X	X							
6		MW-20	5-4-22	1735	X	GW	X	X	X	X							
7		MW-21	5-5-22	1215	X	GW	X	X	X	X							
8		MW-22	5-4-22	1630	X	GW	X	X	X	X							
9		MW-23	5-4-22	1720	X	GW	X	X	X	X							
10		MW-24	5-4-22	1645	X	GW	X	X	X	X							
11		MW-25	5-5-22	945	X	GW	X	X	X	X							
12		RW-1	5-4-22	1245	X	GW	X	X	X	X							
13		RW-2	5-4-22	1230	X	GW	X	X	X	X							
14		RW-3	5-4-22	1300	X	GW	X	X	X	X							
RELINQUISHED BY: <i>[Signature]</i>		DATE/TIME: 5-5-22 / 1630		RECEIVED BY: <i>[Signature]</i>		DATE/TIME:		PROJECT INFORMATION								RECEIPT	
1.				1.				PROJECT NAME: Quick Pantry #19								Total # of Containers	
2.				2.				PROJECT #:								Turnaround Time (TAT) Request in Business Days	
3.				3.				SITE ADDRESS:								<input type="checkbox"/> Standard <input type="checkbox"/> 4-Day Rush* <input type="checkbox"/> 3-Day Rush* <input type="checkbox"/> 2-Day Rush* <input type="checkbox"/> Next Day Rush* <input type="checkbox"/> Other _____ <input type="checkbox"/> Same-Day Rush* (auth req.)	
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				SEND REPORT TO: Mark Keller								*Surcharges apply for Rush TAT	
				OUT: / /     VIA: 3.0°C IN: / /     VIA: Client   FedEx   UPS   US mail   courier other: _____				INVOICE TO (IF DIFFERENT FROM ABOVE):								REGULATORY PROGRAM (if any):	
								QUOTE #: _____     PO#: _____								DATA PACKAGE: I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/>	

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.



**CHAIN OF CUSTODY**

COMPANY: <b>KLM Environmental LLC</b>		ADDRESS: <b>PO Box 2704 Goose Creek, SC 29445</b>				ANALYSIS REQUESTED								Visit our website <a href="http://www.aesatlanta.com">www.aesatlanta.com</a> for downloadable COCs and to log in to your AESAccess account.		Number of Containers			
PHONE:		EMAIL: <b>m.keller131@comcast.net</b>				<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">                 6 TEX, N, M                  1, 2 DCA                  8 Oxygenates                  EDG             </div> <div style="border: 1px solid black; width: 100%; height: 100%;"></div> </div>													
SAMPLED BY: <b>Graham Robinson</b>		SIGNATURE: <i>[Signature]</i>												PRESERVATION (see codes)					
#	SAMPLE ID	SAMPLED:		GRAB	COMPOSITE	MATRIX (see codes)													
		DATE	TIME				#:	H+i	H+i	H+i	H+i								
1	#04785	DW-1	5-4-22	1320	X		GW	X	X	X	X								
2		DW-2	5-4-22	1600	X		GW	X	X	X	X								
3		DW-3	5-4-22	1525	X		GW	X	X	X	X								
4		DW-4	5-4-22	1705	X		GW	X	X	X	X								
5		SW-1	5-5-22	915	X		SW	X	X	X	X								
6		SW-2	5-5-22	1000	X		SW	X	X	X	X								
7		SW-3	5-5-22	1045	X		SW	X	X	X	X								
8		SW-4	5-5-22	1115	X		SW	X	X	X	X								
9		SW-5	5-5-22	1230	X		SW	X	X	X	X								
10		SW-6	5-5-22	1245	X		SW	X	X	X	X								
11		Dup-1	5-4-22	1440	X		GW	X	X	X	X								
12		Dup-2	5-5-22	905	X		GW	X	X	X	X								
13		Equipment blank	5-4-22	1755	X		W	X	X	X	X								
14	*	Equipment blank-2	5-5-22	1310	X		W	X	X	X	X								

RELINQUISHED BY:		DATE/TIME:		RECEIVED BY:		DATE/TIME:		PROJECT INFORMATION				RECEIPT	
1. <i>[Signature]</i>		5-5-22/1630		1. <i>[Signature]</i>		5-5-22/1630		PROJECT NAME: <b>Quick Pantry #19</b>				Total # of Containers	
2.				2.				PROJECT #:				Turnaround Time (TAT) Request in Business Days <input type="checkbox"/> Standard <input type="checkbox"/> 4-Day Rush* <input type="checkbox"/> 3-Day Rush* <input type="checkbox"/> 2-Day Rush* <input type="checkbox"/> Next Day Rush* <input type="checkbox"/> Other <input type="checkbox"/> Same-Day Rush*(auth req.) *Surcharges apply for Rush TAT	
3.				3.				SITE ADDRESS:					
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				SEND REPORT TO:				REGULATORY PROGRAM (if any):	
				OUT: / /    VIA: <b>3.0°C</b> IN: / /    VIA: Client <input checked="" type="radio"/> FedEx <input type="radio"/> UPS <input type="radio"/> US mail <input type="radio"/> courier other:				Mark Keller INVOICE TO (IF DIFFERENT FROM ABOVE): QUOTE #:    PO#:					
Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.												DATA PACKAGE: <input type="radio"/> I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/> O	



**CHAIN OF CUSTODY**

COMPANY: <b>KLM Environmental LLC</b>		ADDRESS: <b>PO Box 2704 Goose Creek, SC 29445</b>			ANALYSIS REQUESTED								Visit our website <a href="http://www.aesatlanta.com">www.aesatlanta.com</a> for downloadable COCs and to log in to your AES Access account.		Number of Containers																																																				
PHONE:		EMAIL: <b>m.keller131@comcast.net</b>			<table border="1" style="width:100%; height: 100%; text-align: center;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX, N, M</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">1,2 DCA</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">8 oxygenates</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">EDB</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td colspan="18">PRESERVATION (see codes)</td> </tr> <tr> <td colspan="18">REMARKS</td> </tr> </table>											BTEX, N, M	1,2 DCA	8 oxygenates	EDB																PRESERVATION (see codes)																		REMARKS														
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SAMPLED BY: <b>Graham Robinson</b>		SIGNATURE: <i>[Signature]</i>			SAMPLED:		GRAB	COMPOSITE	MATRIX (see codes)	PRESERVATION (see codes)								REMARKS																																																	
#	SAMPLE ID	DATE	TIME																																																																
1	# 04785 — Field Blank-1	5-4-22	1800	X		W			Hr	Hr	Hr	Hr																																																							
2	Field Blank-2	5-5-22	1315	X		W			X	X	X	X																																																							
3	Trip Blank-1					L			X	X	X																																																								
4	Trip Blank-2					W			X	X	X																																																								
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RELINQUISHED BY: <i>[Signature]</i>		DATE/TIME: <b>5-5-22/1630</b>		RECEIVED BY: <i>[Signature]</i>		DATE/TIME:		PROJECT INFORMATION				RECEIPT	
1.				1.				PROJECT NAME: <b>Quick Pantry #19</b>				Total # of Containers	
2.				2.				PROJECT #:				Turnaround Time (TAT) Request in Business Days	
3.				3.				SITE ADDRESS:				<input type="checkbox"/> Standard <input type="checkbox"/> 4-Day Rush* <input type="checkbox"/> 3-Day Rush* <input type="checkbox"/> 2-Day Rush* <input type="checkbox"/> Next Day Rush* <input type="checkbox"/> Other _____ <input type="checkbox"/> Same-Day Rush*(auth req.)	
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				SEND REPORT TO: <b>Mark Keller</b>				*Surcharges apply for Rush TAT	
				OUT: / /    VIA: <b>30°C</b>				INVOICE TO (IF DIFFERENT FROM ABOVE):				REGULATORY PROGRAM (if any):	
				IN: / /    VIA:    Client <input checked="" type="radio"/> FedEx    UPS    US mail    courier				QUOTE #:				DATA PACKAGE: <input type="radio"/> I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/> O	
				other: _____				PO#:					

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**Client:** KLM Environmental, LLC  
**Project:** Quick Pantry # 19  
**Lab ID:** 2205782

**Case Narrative**

EDB/DBCP Analysis by Method 8011:

Due to sample matrix, sample 2205782-027B required dilution during preparation and/or analysis resulting in elevated reporting limits.

Volatiles Organic Compounds Analysis by Method 8260D:

Due to sample matrix, samples 2205782-001A, -002A, -003A, 004A, -007A, -008A, 009A, -012A, -014A, -018A, 020A, -026A, 027A, -028A, & -039A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Benzene and Toluene values for the QC samples 2205782-005AMS are "E" qualified indicating estimated values over linear calibration range due to the level of target analyte present in the unspiked sample.

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 12:15:00 PM
<b>Lab ID:</b> 2205782-001	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	16000	500		ug/L	336274	500	05/15/2022 02:10	OM
Toluene	38000	500		ug/L	336274	500	05/15/2022 02:10	OM
Ethylbenzene	3100	500		ug/L	336274	500	05/15/2022 02:10	OM
Xylenes, Total	16000	500		ug/L	336274	500	05/15/2022 02:10	OM
Methyl tert-butyl ether	1300	500		ug/L	336274	500	05/15/2022 02:10	OM
Naphthalene	BRL	2500		ug/L	336274	500	05/15/2022 02:10	OM
1,2-Dichloroethane	BRL	500		ug/L	336274	500	05/15/2022 02:10	OM
Ethyl tert-butyl ether	BRL	5000		ug/L	336274	500	05/15/2022 02:10	OM
tert-Amyl methyl ether	BRL	5000		ug/L	336274	500	05/15/2022 02:10	OM
Isopropyl ether	BRL	5000		ug/L	336274	500	05/15/2022 02:10	OM
tert-Butyl Alcohol	BRL	50000		ug/L	336274	500	05/15/2022 02:10	OM
tert-Amyl alcohol	BRL	50000		ug/L	336274	500	05/15/2022 02:10	OM
tert-Butyl formate	BRL	50000		ug/L	336274	500	05/15/2022 02:10	OM
Ethanol	24000000	5000000		ug/L	336274	50000	05/15/2022 23:25	OM
3,3-Dimethyl-1-butanol	BRL	50000		ug/L	336274	500	05/15/2022 02:10	OM
Surr: 4-Bromofluorobenzene	103	70-130		%REC	336274	500	05/15/2022 02:10	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336274	500	05/15/2022 02:10	OM
Surr: Toluene-d8	102	70-130		%REC	336274	500	05/15/2022 02:10	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.021		ug/L	336157	1	05/14/2022 05:43	KH
Surr: 4-Bromofluorobenzene	73	73.6-140	S	%REC	336157	1	05/14/2022 05:43	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 2
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 12:00:00 PM
<b>Lab ID:</b> 2205782-002	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	19000	500		ug/L	336275	500	05/15/2022 02:32	OM
Toluene	48000	500		ug/L	336275	500	05/15/2022 02:32	OM
Ethylbenzene	3500	500		ug/L	336275	500	05/15/2022 02:32	OM
Xylenes, Total	18000	500		ug/L	336275	500	05/15/2022 02:32	OM
Methyl tert-butyl ether	1000	500		ug/L	336275	500	05/15/2022 02:32	OM
Naphthalene	BRL	2500		ug/L	336275	500	05/15/2022 02:32	OM
1,2-Dichloroethane	BRL	500		ug/L	336275	500	05/15/2022 02:32	OM
Ethyl tert-butyl ether	BRL	5000		ug/L	336275	500	05/15/2022 02:32	OM
tert-Amyl methyl ether	BRL	5000		ug/L	336275	500	05/15/2022 02:32	OM
Isopropyl ether	BRL	5000		ug/L	336275	500	05/15/2022 02:32	OM
tert-Butyl Alcohol	BRL	50000		ug/L	336275	500	05/15/2022 02:32	OM
tert-Amyl alcohol	BRL	50000		ug/L	336275	500	05/15/2022 02:32	OM
tert-Butyl formate	BRL	50000		ug/L	336275	500	05/15/2022 02:32	OM
Ethanol	300000	50000		ug/L	336275	500	05/17/2022 14:28	OM
3,3-Dimethyl-1-butanol	BRL	50000		ug/L	336275	500	05/15/2022 02:32	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336275	500	05/17/2022 14:28	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336275	500	05/15/2022 02:32	OM
Surr: Dibromofluoromethane	103	70-130		%REC	336275	500	05/15/2022 02:32	OM
Surr: Dibromofluoromethane	106	70-130		%REC	336275	500	05/17/2022 14:28	OM
Surr: Toluene-d8	98.2	70-130		%REC	336275	500	05/17/2022 14:28	OM
Surr: Toluene-d8	102	70-130		%REC	336275	500	05/15/2022 02:32	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/12/2022 23:16	KH
Surr: 4-Bromofluorobenzene	120	73.6-140		%REC	336157	1	05/12/2022 23:16	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 3
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 1:35:00 PM
<b>Lab ID:</b> 2205782-003	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	8800	50		ug/L	336275	50	05/15/2022 02:54	OM
Toluene	32000	500		ug/L	336275	500	05/15/2022 13:32	OM
Ethylbenzene	2300	50		ug/L	336275	50	05/15/2022 02:54	OM
Xylenes, Total	16000	50		ug/L	336275	50	05/15/2022 02:54	OM
Methyl tert-butyl ether	BRL	50		ug/L	336275	50	05/15/2022 02:54	OM
Naphthalene	530	250		ug/L	336275	50	05/15/2022 02:54	OM
1,2-Dichloroethane	BRL	50		ug/L	336275	50	05/15/2022 02:54	OM
Ethyl tert-butyl ether	BRL	500		ug/L	336275	50	05/15/2022 02:54	OM
tert-Amyl methyl ether	BRL	500		ug/L	336275	50	05/15/2022 02:54	OM
Isopropyl ether	710	500		ug/L	336275	50	05/15/2022 02:54	OM
tert-Butyl Alcohol	BRL	5000		ug/L	336275	50	05/15/2022 02:54	OM
tert-Amyl alcohol	26000	5000		ug/L	336275	50	05/15/2022 02:54	OM
tert-Butyl formate	BRL	5000		ug/L	336275	50	05/15/2022 02:54	OM
Ethanol	BRL	5000		ug/L	336275	50	05/15/2022 02:54	OM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	336275	50	05/15/2022 02:54	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336275	50	05/15/2022 02:54	OM
Surr: 4-Bromofluorobenzene	103	70-130		%REC	336275	500	05/15/2022 13:32	OM
Surr: Dibromofluoromethane	101	70-130		%REC	336275	50	05/15/2022 02:54	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336275	500	05/15/2022 13:32	OM
Surr: Toluene-d8	101	70-130		%REC	336275	500	05/15/2022 13:32	OM
Surr: Toluene-d8	102	70-130		%REC	336275	50	05/15/2022 02:54	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 00:13	KH
Surr: 4-Bromofluorobenzene	103	73.6-140		%REC	336157	1	05/13/2022 00:13	KH

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

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 4
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 1:50:00 PM
<b>Lab ID:</b> 2205782-004	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	22000	1000		ug/L	336275	1000	05/15/2022 04:00	OM
Toluene	59000	1000		ug/L	336275	1000	05/15/2022 04:00	OM
Ethylbenzene	3800	100		ug/L	336275	100	05/15/2022 21:13	OM
Xylenes, Total	33000	1000		ug/L	336275	1000	05/15/2022 04:00	OM
Methyl tert-butyl ether	2700	100		ug/L	336275	100	05/15/2022 21:13	OM
Naphthalene	560	500		ug/L	336275	100	05/15/2022 21:13	OM
1,2-Dichloroethane	BRL	100		ug/L	336275	100	05/15/2022 21:13	OM
Ethyl tert-butyl ether	BRL	1000		ug/L	336275	100	05/15/2022 21:13	OM
tert-Amyl methyl ether	BRL	1000		ug/L	336275	100	05/15/2022 21:13	OM
Isopropyl ether	6100	1000		ug/L	336275	100	05/15/2022 21:13	OM
tert-Butyl Alcohol	BRL	10000		ug/L	336275	100	05/15/2022 21:13	OM
tert-Amyl alcohol	BRL	10000		ug/L	336275	100	05/15/2022 21:13	OM
tert-Butyl formate	BRL	10000		ug/L	336275	100	05/15/2022 21:13	OM
Ethanol	BRL	10000		ug/L	336275	100	05/15/2022 21:13	OM
3,3-Dimethyl-1-butanol	BRL	10000		ug/L	336275	100	05/15/2022 21:13	OM
Surr: 4-Bromofluorobenzene	105	70-130		%REC	336275	100	05/15/2022 21:13	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336275	1000	05/15/2022 04:00	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336275	1000	05/15/2022 04:00	OM
Surr: Dibromofluoromethane	103	70-130		%REC	336275	100	05/15/2022 21:13	OM
Surr: Toluene-d8	102	70-130		%REC	336275	1000	05/15/2022 04:00	OM
Surr: Toluene-d8	105	70-130		%REC	336275	100	05/15/2022 21:13	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	0.767	0.199		ug/L	336157	10	05/14/2022 06:11	KH
Surr: 4-Bromofluorobenzene	117	73.6-140		%REC	336157	1	05/13/2022 00:41	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 5
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 2:05:00 PM
<b>Lab ID:</b> 2205782-005	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	12000	500		ug/L	336274	500	05/15/2022 13:10	OM
Toluene	33000	500		ug/L	336274	500	05/15/2022 13:10	OM
Ethylbenzene	2800	50		ug/L	336274	50	05/15/2022 12:04	OM
Xylenes, Total	14000	50		ug/L	336274	50	05/15/2022 12:04	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336274	1	05/14/2022 23:36	OM
Naphthalene	410	250		ug/L	336274	50	05/15/2022 12:04	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336274	1	05/14/2022 23:36	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336274	1	05/14/2022 23:36	OM
tert-Amyl methyl ether	130	10		ug/L	336274	1	05/14/2022 23:36	OM
Isopropyl ether	730	10		ug/L	336274	1	05/14/2022 23:36	OM
tert-Butyl Alcohol	BRL	100		ug/L	336274	1	05/14/2022 23:36	OM
tert-Amyl alcohol	5500	5000		ug/L	336274	50	05/15/2022 12:04	OM
tert-Butyl formate	BRL	100		ug/L	336274	1	05/14/2022 23:36	OM
Ethanol	BRL	100		ug/L	336274	1	05/14/2022 23:36	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336274	1	05/14/2022 23:36	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336274	500	05/15/2022 13:10	OM
Surr: 4-Bromofluorobenzene	105	70-130		%REC	336274	50	05/15/2022 12:04	OM
Surr: 4-Bromofluorobenzene	104	70-130		%REC	336274	1	05/14/2022 23:36	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336274	500	05/15/2022 13:10	OM
Surr: Dibromofluoromethane	104	70-130		%REC	336274	50	05/15/2022 12:04	OM
Surr: Dibromofluoromethane	103	70-130		%REC	336274	1	05/14/2022 23:36	OM
Surr: Toluene-d8	103	70-130		%REC	336274	500	05/15/2022 13:10	OM
Surr: Toluene-d8	105	70-130		%REC	336274	50	05/15/2022 12:04	OM
Surr: Toluene-d8	100	70-130		%REC	336274	1	05/14/2022 23:36	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 01:37	KH
Surr: 4-Bromofluorobenzene	96.5	73.6-140		%REC	336157	1	05/13/2022 01:37	KH

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



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 6
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 2:20:00 PM
<b>Lab ID:</b> 2205782-006	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336274	1	05/14/2022 23:14	OM
Toluene	BRL	1.0		ug/L	336274	1	05/14/2022 23:14	OM
Ethylbenzene	BRL	1.0		ug/L	336274	1	05/14/2022 23:14	OM
Xylenes, Total	BRL	1.0		ug/L	336274	1	05/14/2022 23:14	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336274	1	05/14/2022 23:14	OM
Naphthalene	BRL	5.0		ug/L	336274	1	05/14/2022 23:14	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336274	1	05/14/2022 23:14	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336274	1	05/14/2022 23:14	OM
tert-Amyl methyl ether	BRL	10		ug/L	336274	1	05/14/2022 23:14	OM
Isopropyl ether	BRL	10		ug/L	336274	1	05/14/2022 23:14	OM
tert-Butyl Alcohol	BRL	100		ug/L	336274	1	05/14/2022 23:14	OM
tert-Amyl alcohol	BRL	100		ug/L	336274	1	05/14/2022 23:14	OM
tert-Butyl formate	BRL	100		ug/L	336274	1	05/14/2022 23:14	OM
Ethanol	BRL	100		ug/L	336274	1	05/14/2022 23:14	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336274	1	05/14/2022 23:14	OM
Surr: 4-Bromofluorobenzene	104	70-130		%REC	336274	1	05/14/2022 23:14	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336274	1	05/14/2022 23:14	OM
Surr: Toluene-d8	101	70-130		%REC	336274	1	05/14/2022 23:14	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 02:34	KH
Surr: 4-Bromofluorobenzene	96.1	73.6-140		%REC	336157	1	05/13/2022 02:34	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 7
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 2:35:00 PM
<b>Lab ID:</b> 2205782-007	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	5700	50		ug/L	336275	50	05/15/2022 20:51	OM
Toluene	17000	500		ug/L	336275	500	05/15/2022 03:16	OM
Ethylbenzene	1700	50		ug/L	336275	50	05/15/2022 20:51	OM
Xylenes, Total	10000	500		ug/L	336275	500	05/15/2022 03:16	OM
Methyl tert-butyl ether	180	50		ug/L	336275	50	05/15/2022 20:51	OM
Naphthalene	310	250		ug/L	336275	50	05/15/2022 20:51	OM
1,2-Dichloroethane	BRL	50		ug/L	336275	50	05/15/2022 20:51	OM
Ethyl tert-butyl ether	BRL	500		ug/L	336275	50	05/15/2022 20:51	OM
tert-Amyl methyl ether	BRL	500		ug/L	336275	50	05/15/2022 20:51	OM
Isopropyl ether	950	500		ug/L	336275	50	05/15/2022 20:51	OM
tert-Butyl Alcohol	BRL	5000		ug/L	336275	50	05/15/2022 20:51	OM
tert-Amyl alcohol	5700	5000		ug/L	336275	50	05/15/2022 20:51	OM
tert-Butyl formate	BRL	5000		ug/L	336275	50	05/15/2022 20:51	OM
Ethanol	BRL	5000		ug/L	336275	50	05/15/2022 20:51	OM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	336275	50	05/15/2022 20:51	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336275	500	05/15/2022 03:16	OM
Surr: 4-Bromofluorobenzene	103	70-130		%REC	336275	50	05/15/2022 20:51	OM
Surr: Dibromofluoromethane	100	70-130		%REC	336275	500	05/15/2022 03:16	OM
Surr: Dibromofluoromethane	103	70-130		%REC	336275	50	05/15/2022 20:51	OM
Surr: Toluene-d8	101	70-130		%REC	336275	500	05/15/2022 03:16	OM
Surr: Toluene-d8	106	70-130		%REC	336275	50	05/15/2022 20:51	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 03:02	KH
Surr: 4-Bromofluorobenzene	127	73.6-140		%REC	336157	1	05/13/2022 03:02	KH

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

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 8
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 2:50:00 PM
<b>Lab ID:</b> 2205782-008	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	17000	500		ug/L	336275	500	05/15/2022 03:38	OM
Toluene	38000	500		ug/L	336275	500	05/15/2022 03:38	OM
Ethylbenzene	3000	500		ug/L	336275	500	05/15/2022 03:38	OM
Xylenes, Total	17000	500		ug/L	336275	500	05/15/2022 03:38	OM
Methyl tert-butyl ether	860	500		ug/L	336275	500	05/15/2022 03:38	OM
Naphthalene	BRL	2500		ug/L	336275	500	05/15/2022 03:38	OM
1,2-Dichloroethane	BRL	500		ug/L	336275	500	05/15/2022 03:38	OM
Ethyl tert-butyl ether	BRL	5000		ug/L	336275	500	05/15/2022 03:38	OM
tert-Amyl methyl ether	BRL	5000		ug/L	336275	500	05/15/2022 03:38	OM
Isopropyl ether	BRL	5000		ug/L	336275	500	05/15/2022 03:38	OM
tert-Butyl Alcohol	BRL	50000		ug/L	336275	500	05/15/2022 03:38	OM
tert-Amyl alcohol	BRL	50000		ug/L	336275	500	05/15/2022 03:38	OM
tert-Butyl formate	BRL	50000		ug/L	336275	500	05/15/2022 03:38	OM
Ethanol	BRL	50000		ug/L	336275	500	05/15/2022 03:38	OM
3,3-Dimethyl-1-butanol	BRL	50000		ug/L	336275	500	05/15/2022 03:38	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336275	500	05/15/2022 03:38	OM
Surr: Dibromofluoromethane	101	70-130		%REC	336275	500	05/15/2022 03:38	OM
Surr: Toluene-d8	101	70-130		%REC	336275	500	05/15/2022 03:38	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 03:30	KH
Surr: 4-Bromofluorobenzene	114	73.6-140		%REC	336157	1	05/13/2022 03:30	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 9
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 3:05:00 PM
<b>Lab ID:</b> 2205782-009	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	8500	50		ug/L	336275	50	05/15/2022 22:41	OM
Toluene	26000	500		ug/L	336275	500	05/15/2022 11:20	OM
Ethylbenzene	3100	50		ug/L	336275	50	05/15/2022 22:41	OM
Xylenes, Total	14000	500		ug/L	336275	500	05/15/2022 11:20	OM
Methyl tert-butyl ether	BRL	50		ug/L	336275	50	05/15/2022 22:41	OM
Naphthalene	470	250		ug/L	336275	50	05/15/2022 22:41	OM
1,2-Dichloroethane	BRL	50		ug/L	336275	50	05/15/2022 22:41	OM
Ethyl tert-butyl ether	BRL	500		ug/L	336275	50	05/15/2022 22:41	OM
tert-Amyl methyl ether	BRL	500		ug/L	336275	50	05/15/2022 22:41	OM
Isopropyl ether	700	500		ug/L	336275	50	05/15/2022 22:41	OM
tert-Butyl Alcohol	BRL	5000		ug/L	336275	50	05/15/2022 22:41	OM
tert-Amyl alcohol	5100	5000		ug/L	336275	50	05/15/2022 22:41	OM
tert-Butyl formate	BRL	5000		ug/L	336275	50	05/15/2022 22:41	OM
Ethanol	BRL	5000		ug/L	336275	50	05/15/2022 22:41	OM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	336275	50	05/15/2022 22:41	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336275	50	05/15/2022 22:41	OM
Surr: 4-Bromofluorobenzene	103	70-130		%REC	336275	500	05/15/2022 11:20	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336275	50	05/15/2022 22:41	OM
Surr: Dibromofluoromethane	103	70-130		%REC	336275	500	05/15/2022 11:20	OM
Surr: Toluene-d8	103	70-130		%REC	336275	500	05/15/2022 11:20	OM
Surr: Toluene-d8	104	70-130		%REC	336275	50	05/15/2022 22:41	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 03:59	KH
Surr: 4-Bromofluorobenzene	103	73.6-140		%REC	336157	1	05/13/2022 03:59	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 10
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 9:00:00 AM
<b>Lab ID:</b> 2205782-010	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	1.0	1.0		ug/L	336318	1	05/16/2022 01:59	OM
Toluene	BRL	1.0		ug/L	336318	1	05/16/2022 01:59	OM
Ethylbenzene	BRL	1.0		ug/L	336318	1	05/16/2022 01:59	OM
Xylenes, Total	BRL	1.0		ug/L	336318	1	05/16/2022 01:59	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336318	1	05/16/2022 01:59	OM
Naphthalene	BRL	5.0		ug/L	336318	1	05/16/2022 01:59	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336318	1	05/16/2022 01:59	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336318	1	05/16/2022 01:59	OM
tert-Amyl methyl ether	BRL	10		ug/L	336318	1	05/16/2022 01:59	OM
Isopropyl ether	BRL	10		ug/L	336318	1	05/16/2022 01:59	OM
tert-Butyl Alcohol	BRL	100		ug/L	336318	1	05/16/2022 01:59	OM
tert-Amyl alcohol	BRL	100		ug/L	336318	1	05/16/2022 01:59	OM
tert-Butyl formate	BRL	100		ug/L	336318	1	05/16/2022 01:59	OM
Ethanol	BRL	100		ug/L	336318	1	05/16/2022 01:59	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336318	1	05/16/2022 01:59	OM
Surr: 4-Bromofluorobenzene	104	70-130		%REC	336318	1	05/16/2022 01:59	OM
Surr: Dibromofluoromethane	103	70-130		%REC	336318	1	05/16/2022 01:59	OM
Surr: Toluene-d8	102	70-130		%REC	336318	1	05/16/2022 01:59	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 04:27	KH
Surr: 4-Bromofluorobenzene	98.4	73.6-140		%REC	336157	1	05/13/2022 04:27	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 11
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 9:30:00 AM
<b>Lab ID:</b> 2205782-011	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336318	1	05/16/2022 02:21	OM
Toluene	BRL	1.0		ug/L	336318	1	05/16/2022 02:21	OM
Ethylbenzene	BRL	1.0		ug/L	336318	1	05/16/2022 02:21	OM
Xylenes, Total	1.7	1.0		ug/L	336318	1	05/16/2022 02:21	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336318	1	05/16/2022 02:21	OM
Naphthalene	BRL	5.0		ug/L	336318	1	05/16/2022 02:21	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336318	1	05/16/2022 02:21	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336318	1	05/16/2022 02:21	OM
tert-Amyl methyl ether	BRL	10		ug/L	336318	1	05/16/2022 02:21	OM
Isopropyl ether	BRL	10		ug/L	336318	1	05/16/2022 02:21	OM
tert-Butyl Alcohol	BRL	100		ug/L	336318	1	05/16/2022 02:21	OM
tert-Amyl alcohol	BRL	100		ug/L	336318	1	05/16/2022 02:21	OM
tert-Butyl formate	BRL	100		ug/L	336318	1	05/16/2022 02:21	OM
Ethanol	BRL	100		ug/L	336318	1	05/16/2022 02:21	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336318	1	05/16/2022 02:21	OM
Surr: 4-Bromofluorobenzene	106	70-130		%REC	336318	1	05/16/2022 02:21	OM
Surr: Dibromofluoromethane	103	70-130		%REC	336318	1	05/16/2022 02:21	OM
Surr: Toluene-d8	103	70-130		%REC	336318	1	05/16/2022 02:21	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 04:55	KH
Surr: 4-Bromofluorobenzene	103	73.6-140		%REC	336157	1	05/13/2022 04:55	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 12
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 4:15:00 PM
<b>Lab ID:</b> 2205782-012	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	14000	500		ug/L	336275	500	05/15/2022 11:42	OM
Toluene	35000	500		ug/L	336275	500	05/15/2022 11:42	OM
Ethylbenzene	3500	50		ug/L	336275	50	05/15/2022 23:03	OM
Xylenes, Total	17000	500		ug/L	336275	500	05/15/2022 11:42	OM
Methyl tert-butyl ether	140	50		ug/L	336275	50	05/15/2022 23:03	OM
Naphthalene	530	250		ug/L	336275	50	05/15/2022 23:03	OM
1,2-Dichloroethane	BRL	50		ug/L	336275	50	05/15/2022 23:03	OM
Ethyl tert-butyl ether	BRL	500		ug/L	336275	50	05/15/2022 23:03	OM
tert-Amyl methyl ether	BRL	500		ug/L	336275	50	05/15/2022 23:03	OM
Isopropyl ether	3300	500		ug/L	336275	50	05/15/2022 23:03	OM
tert-Butyl Alcohol	BRL	5000		ug/L	336275	50	05/15/2022 23:03	OM
tert-Amyl alcohol	6100	5000		ug/L	336275	50	05/15/2022 23:03	OM
tert-Butyl formate	BRL	5000		ug/L	336275	50	05/15/2022 23:03	OM
Ethanol	BRL	5000		ug/L	336275	50	05/15/2022 23:03	OM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	336275	50	05/15/2022 23:03	OM
Surr: 4-Bromofluorobenzene	103	70-130		%REC	336275	50	05/15/2022 23:03	OM
Surr: 4-Bromofluorobenzene	104	70-130		%REC	336275	500	05/15/2022 11:42	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336275	50	05/15/2022 23:03	OM
Surr: Dibromofluoromethane	103	70-130		%REC	336275	500	05/15/2022 11:42	OM
Surr: Toluene-d8	102	70-130		%REC	336275	500	05/15/2022 11:42	OM
Surr: Toluene-d8	106	70-130		%REC	336275	50	05/15/2022 23:03	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 05:24	KH
Surr: 4-Bromofluorobenzene	92.1	73.6-140		%REC	336157	1	05/13/2022 05:24	KH

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

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 13
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 3:40:00 PM
<b>Lab ID:</b> 2205782-013	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	1800	10		ug/L	336275	10	05/15/2022 21:35	OM
Toluene	11000	100		ug/L	336275	100	05/15/2022 21:57	OM
Ethylbenzene	1400	10		ug/L	336275	10	05/15/2022 21:35	OM
Xylenes, Total	8100	100		ug/L	336275	100	05/15/2022 21:57	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336275	1	05/15/2022 08:24	OM
Naphthalene	260	50		ug/L	336275	10	05/15/2022 21:35	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336275	1	05/15/2022 08:24	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336275	1	05/15/2022 08:24	OM
tert-Amyl methyl ether	10	10		ug/L	336275	1	05/15/2022 08:24	OM
Isopropyl ether	98	10		ug/L	336275	1	05/15/2022 08:24	OM
tert-Butyl Alcohol	BRL	100		ug/L	336275	1	05/15/2022 08:24	OM
tert-Amyl alcohol	1400	100		ug/L	336275	1	05/15/2022 08:24	OM
tert-Butyl formate	BRL	100		ug/L	336275	1	05/15/2022 08:24	OM
Ethanol	BRL	100		ug/L	336275	1	05/15/2022 08:24	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336275	1	05/15/2022 08:24	OM
Surr: 4-Bromofluorobenzene	96.1	70-130		%REC	336275	1	05/15/2022 08:24	OM
Surr: 4-Bromofluorobenzene	103	70-130		%REC	336275	100	05/15/2022 21:57	OM
Surr: 4-Bromofluorobenzene	105	70-130		%REC	336275	10	05/15/2022 21:35	OM
Surr: Dibromofluoromethane	101	70-130		%REC	336275	1	05/15/2022 08:24	OM
Surr: Dibromofluoromethane	101	70-130		%REC	336275	100	05/15/2022 21:57	OM
Surr: Dibromofluoromethane	103	70-130		%REC	336275	10	05/15/2022 21:35	OM
Surr: Toluene-d8	103	70-130		%REC	336275	100	05/15/2022 21:57	OM
Surr: Toluene-d8	106	70-130		%REC	336275	1	05/15/2022 08:24	OM
Surr: Toluene-d8	107	70-130		%REC	336275	10	05/15/2022 21:35	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 06:19	KH
Surr: 4-Bromofluorobenzene	91.6	73.6-140		%REC	336157	1	05/13/2022 06:19	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 14
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 11:30:00 AM
<b>Lab ID:</b> 2205782-014	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	2900	50		ug/L	336418	50	05/17/2022 01:34	OM
Toluene	10000	500		ug/L	336418	500	05/17/2022 16:39	OM
Ethylbenzene	1600	50		ug/L	336418	50	05/17/2022 01:34	OM
Xylenes, Total	9700	50		ug/L	336418	50	05/17/2022 01:34	OM
Methyl tert-butyl ether	BRL	50		ug/L	336418	50	05/17/2022 01:34	OM
Naphthalene	660	250		ug/L	336418	50	05/17/2022 01:34	OM
1,2-Dichloroethane	BRL	50		ug/L	336418	50	05/17/2022 01:34	OM
Ethyl tert-butyl ether	BRL	500		ug/L	336418	50	05/17/2022 01:34	OM
tert-Amyl methyl ether	BRL	500		ug/L	336418	50	05/17/2022 01:34	OM
Isopropyl ether	BRL	500		ug/L	336418	50	05/17/2022 01:34	OM
tert-Butyl Alcohol	BRL	5000		ug/L	336418	50	05/17/2022 01:34	OM
tert-Amyl alcohol	7000	5000		ug/L	336418	50	05/17/2022 01:34	OM
tert-Butyl formate	BRL	5000		ug/L	336418	50	05/17/2022 01:34	OM
Ethanol	BRL	5000		ug/L	336418	50	05/17/2022 01:34	OM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	336418	50	05/17/2022 01:34	OM
Surr: 4-Bromofluorobenzene	93.8	70-130		%REC	336418	50	05/17/2022 01:34	OM
Surr: 4-Bromofluorobenzene	100	70-130		%REC	336418	500	05/17/2022 16:39	OM
Surr: Dibromofluoromethane	99.9	70-130		%REC	336418	50	05/17/2022 01:34	OM
Surr: Dibromofluoromethane	106	70-130		%REC	336418	500	05/17/2022 16:39	OM
Surr: Toluene-d8	97.4	70-130		%REC	336418	50	05/17/2022 01:34	OM
Surr: Toluene-d8	99.3	70-130		%REC	336418	500	05/17/2022 16:39	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 06:47	KH
Surr: 4-Bromofluorobenzene	113	73.6-140		%REC	336157	1	05/13/2022 06:47	KH

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

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 15
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 12:00:00 PM
<b>Lab ID:</b> 2205782-015	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336318	1	05/16/2022 05:41	OM
Toluene	BRL	1.0		ug/L	336318	1	05/16/2022 05:41	OM
Ethylbenzene	BRL	1.0		ug/L	336318	1	05/16/2022 05:41	OM
Xylenes, Total	1.4	1.0		ug/L	336318	1	05/16/2022 05:41	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336318	1	05/16/2022 05:41	OM
Naphthalene	BRL	5.0		ug/L	336318	1	05/16/2022 05:41	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336318	1	05/16/2022 05:41	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336318	1	05/16/2022 05:41	OM
tert-Amyl methyl ether	BRL	10		ug/L	336318	1	05/16/2022 05:41	OM
Isopropyl ether	BRL	10		ug/L	336318	1	05/16/2022 05:41	OM
tert-Butyl Alcohol	BRL	100		ug/L	336318	1	05/16/2022 05:41	OM
tert-Amyl alcohol	BRL	100		ug/L	336318	1	05/16/2022 05:41	OM
tert-Butyl formate	BRL	100		ug/L	336318	1	05/16/2022 05:41	OM
Ethanol	BRL	100		ug/L	336318	1	05/16/2022 05:41	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336318	1	05/16/2022 05:41	OM
Surr: 4-Bromofluorobenzene	105	70-130		%REC	336318	1	05/16/2022 05:41	OM
Surr: Dibromofluoromethane	104	70-130		%REC	336318	1	05/16/2022 05:41	OM
Surr: Toluene-d8	104	70-130		%REC	336318	1	05/16/2022 05:41	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 07:15	KH
Surr: 4-Bromofluorobenzene	102	73.6-140		%REC	336157	1	05/13/2022 07:15	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 16
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 11:45:00 AM
<b>Lab ID:</b> 2205782-016	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336318	1	05/16/2022 05:19	OM
Toluene	BRL	1.0		ug/L	336318	1	05/16/2022 05:19	OM
Ethylbenzene	BRL	1.0		ug/L	336318	1	05/16/2022 05:19	OM
Xylenes, Total	2.0	1.0		ug/L	336318	1	05/16/2022 05:19	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336318	1	05/16/2022 05:19	OM
Naphthalene	BRL	5.0		ug/L	336318	1	05/16/2022 05:19	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336318	1	05/16/2022 05:19	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336318	1	05/16/2022 05:19	OM
tert-Amyl methyl ether	BRL	10		ug/L	336318	1	05/16/2022 05:19	OM
Isopropyl ether	BRL	10		ug/L	336318	1	05/16/2022 05:19	OM
tert-Butyl Alcohol	BRL	100		ug/L	336318	1	05/16/2022 05:19	OM
tert-Amyl alcohol	BRL	100		ug/L	336318	1	05/16/2022 05:19	OM
tert-Butyl formate	BRL	100		ug/L	336318	1	05/16/2022 05:19	OM
Ethanol	BRL	100		ug/L	336318	1	05/16/2022 05:19	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336318	1	05/16/2022 05:19	OM
Surr: 4-Bromofluorobenzene	105	70-130		%REC	336318	1	05/16/2022 05:19	OM
Surr: Dibromofluoromethane	105	70-130		%REC	336318	1	05/16/2022 05:19	OM
Surr: Toluene-d8	105	70-130		%REC	336318	1	05/16/2022 05:19	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 07:43	KH
Surr: 4-Bromofluorobenzene	101	73.6-140		%REC	336157	1	05/13/2022 07:43	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 17
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 11:00:00 AM
<b>Lab ID:</b> 2205782-017	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	20	1.0		ug/L	336318	1	05/16/2022 07:08	OM
Toluene	1.4	1.0		ug/L	336318	1	05/16/2022 07:08	OM
Ethylbenzene	BRL	1.0		ug/L	336318	1	05/16/2022 07:08	OM
Xylenes, Total	2.9	1.0		ug/L	336318	1	05/16/2022 07:08	OM
Methyl tert-butyl ether	120	1.0		ug/L	336318	1	05/16/2022 07:08	OM
Naphthalene	BRL	5.0		ug/L	336318	1	05/16/2022 07:08	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336318	1	05/16/2022 07:08	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336318	1	05/16/2022 07:08	OM
tert-Amyl methyl ether	62	10		ug/L	336318	1	05/16/2022 21:52	OM
Isopropyl ether	800	100		ug/L	336318	10	05/16/2022 22:14	OM
tert-Butyl Alcohol	BRL	100		ug/L	336318	1	05/16/2022 07:08	OM
tert-Amyl alcohol	820	100		ug/L	336318	1	05/16/2022 07:08	OM
tert-Butyl formate	BRL	100		ug/L	336318	1	05/16/2022 07:08	OM
Ethanol	BRL	100		ug/L	336318	1	05/16/2022 07:08	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336318	1	05/16/2022 07:08	OM
Surr: 4-Bromofluorobenzene	99.7	70-130		%REC	336318	10	05/16/2022 22:14	OM
Surr: 4-Bromofluorobenzene	100	70-130		%REC	336318	1	05/16/2022 21:52	OM
Surr: 4-Bromofluorobenzene	107	70-130		%REC	336318	1	05/16/2022 07:08	OM
Surr: Dibromofluoromethane	103	70-130		%REC	336318	1	05/16/2022 21:52	OM
Surr: Dibromofluoromethane	105	70-130		%REC	336318	1	05/16/2022 07:08	OM
Surr: Dibromofluoromethane	104	70-130		%REC	336318	10	05/16/2022 22:14	OM
Surr: Toluene-d8	97.7	70-130		%REC	336318	10	05/16/2022 22:14	OM
Surr: Toluene-d8	99.3	70-130		%REC	336318	1	05/16/2022 21:52	OM
Surr: Toluene-d8	106	70-130		%REC	336318	1	05/16/2022 07:08	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 08:11	KH
Surr: 4-Bromofluorobenzene	95.3	73.6-140		%REC	336157	1	05/13/2022 08:11	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 18
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 10:30:00 AM
<b>Lab ID:</b> 2205782-018	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	13000	500		ug/L	336418	500	05/17/2022 17:01	OM
Toluene	31000	500		ug/L	336418	500	05/17/2022 17:01	OM
Ethylbenzene	2900	50		ug/L	336418	50	05/17/2022 02:18	OM
Xylenes, Total	15000	50		ug/L	336418	50	05/17/2022 02:18	OM
Methyl tert-butyl ether	500	50		ug/L	336418	50	05/17/2022 02:18	OM
Naphthalene	820	250		ug/L	336418	50	05/17/2022 02:18	OM
1,2-Dichloroethane	BRL	50		ug/L	336418	50	05/17/2022 02:18	OM
Ethyl tert-butyl ether	BRL	500		ug/L	336418	50	05/17/2022 02:18	OM
tert-Amyl methyl ether	BRL	500		ug/L	336418	50	05/17/2022 02:18	OM
Isopropyl ether	3600	500		ug/L	336418	50	05/17/2022 02:18	OM
tert-Butyl Alcohol	BRL	5000		ug/L	336418	50	05/17/2022 02:18	OM
tert-Amyl alcohol	BRL	5000		ug/L	336418	50	05/17/2022 02:18	OM
tert-Butyl formate	BRL	5000		ug/L	336418	50	05/17/2022 02:18	OM
Ethanol	BRL	5000		ug/L	336418	50	05/17/2022 02:18	OM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	336418	50	05/17/2022 02:18	OM
Surr: 4-Bromofluorobenzene	94.4	70-130		%REC	336418	50	05/17/2022 02:18	OM
Surr: 4-Bromofluorobenzene	99	70-130		%REC	336418	500	05/17/2022 17:01	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336418	50	05/17/2022 02:18	OM
Surr: Dibromofluoromethane	105	70-130		%REC	336418	500	05/17/2022 17:01	OM
Surr: Toluene-d8	98.5	70-130		%REC	336418	50	05/17/2022 02:18	OM
Surr: Toluene-d8	99.7	70-130		%REC	336418	500	05/17/2022 17:01	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 08:39	KH
Surr: 4-Bromofluorobenzene	93.1	73.6-140		%REC	336157	1	05/13/2022 08:39	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 19
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 10:15:00 AM
<b>Lab ID:</b> 2205782-019	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336318	1	05/16/2022 07:31	OM
Toluene	BRL	1.0		ug/L	336318	1	05/16/2022 07:31	OM
Ethylbenzene	BRL	1.0		ug/L	336318	1	05/16/2022 07:31	OM
Xylenes, Total	BRL	1.0		ug/L	336318	1	05/16/2022 07:31	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336318	1	05/16/2022 07:31	OM
Naphthalene	BRL	5.0		ug/L	336318	1	05/16/2022 07:31	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336318	1	05/16/2022 07:31	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336318	1	05/16/2022 07:31	OM
tert-Amyl methyl ether	BRL	10		ug/L	336318	1	05/16/2022 07:31	OM
Isopropyl ether	BRL	10		ug/L	336318	1	05/16/2022 07:31	OM
tert-Butyl Alcohol	BRL	100		ug/L	336318	1	05/16/2022 07:31	OM
tert-Amyl alcohol	BRL	100		ug/L	336318	1	05/16/2022 07:31	OM
tert-Butyl formate	BRL	100		ug/L	336318	1	05/16/2022 07:31	OM
Ethanol	BRL	100		ug/L	336318	1	05/16/2022 07:31	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336318	1	05/16/2022 07:31	OM
Surr: 4-Bromofluorobenzene	106	70-130		%REC	336318	1	05/16/2022 07:31	OM
Surr: Dibromofluoromethane	104	70-130		%REC	336318	1	05/16/2022 07:31	OM
Surr: Toluene-d8	104	70-130		%REC	336318	1	05/16/2022 07:31	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 09:07	KH
Surr: 4-Bromofluorobenzene	103	73.6-140		%REC	336157	1	05/13/2022 09:07	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 20
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 5:35:00 PM
<b>Lab ID:</b> 2205782-020	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	900	50		ug/L	336275	50	05/16/2022 00:08	OM
Toluene	2.8	1.0		ug/L	336275	1	05/15/2022 23:46	OM
Ethylbenzene	2.3	1.0		ug/L	336275	1	05/15/2022 23:46	OM
Xylenes, Total	3.0	1.0		ug/L	336275	1	05/15/2022 23:46	OM
Methyl tert-butyl ether	150	1.0		ug/L	336275	1	05/15/2022 23:46	OM
Naphthalene	18	5.0		ug/L	336275	1	05/15/2022 23:46	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336275	1	05/15/2022 23:46	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336275	1	05/15/2022 23:46	OM
tert-Amyl methyl ether	23	10		ug/L	336275	1	05/15/2022 23:46	OM
Isopropyl ether	310	10		ug/L	336275	1	05/15/2022 23:46	OM
tert-Butyl Alcohol	BRL	100		ug/L	336275	1	05/15/2022 23:46	OM
tert-Amyl alcohol	170	100		ug/L	336275	1	05/15/2022 23:46	OM
tert-Butyl formate	BRL	100		ug/L	336275	1	05/15/2022 23:46	OM
Ethanol	BRL	100		ug/L	336275	1	05/15/2022 23:46	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336275	1	05/15/2022 23:46	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336275	50	05/16/2022 00:08	OM
Surr: 4-Bromofluorobenzene	103	70-130		%REC	336275	1	05/15/2022 23:46	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336275	50	05/16/2022 00:08	OM
Surr: Dibromofluoromethane	103	70-130		%REC	336275	1	05/15/2022 23:46	OM
Surr: Toluene-d8	103	70-130		%REC	336275	50	05/16/2022 00:08	OM
Surr: Toluene-d8	107	70-130		%REC	336275	1	05/15/2022 23:46	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336157	1	05/13/2022 09:35	KH
Surr: 4-Bromofluorobenzene	95.8	73.6-140		%REC	336157	1	05/13/2022 09:35	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 21
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 12:15:00 PM
<b>Lab ID:</b> 2205782-021	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336318	1	05/16/2022 08:15	OM
Toluene	BRL	1.0		ug/L	336318	1	05/16/2022 08:15	OM
Ethylbenzene	BRL	1.0		ug/L	336318	1	05/16/2022 08:15	OM
Xylenes, Total	1.2	1.0		ug/L	336318	1	05/16/2022 08:15	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336318	1	05/16/2022 08:15	OM
Naphthalene	BRL	5.0		ug/L	336318	1	05/16/2022 08:15	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336318	1	05/16/2022 08:15	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336318	1	05/16/2022 08:15	OM
tert-Amyl methyl ether	BRL	10		ug/L	336318	1	05/16/2022 08:15	OM
Isopropyl ether	BRL	10		ug/L	336318	1	05/16/2022 08:15	OM
tert-Butyl Alcohol	BRL	100		ug/L	336318	1	05/16/2022 08:15	OM
tert-Amyl alcohol	BRL	100		ug/L	336318	1	05/16/2022 08:15	OM
tert-Butyl formate	BRL	100		ug/L	336318	1	05/16/2022 08:15	OM
Ethanol	BRL	100		ug/L	336318	1	05/16/2022 08:15	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336318	1	05/16/2022 08:15	OM
Surr: 4-Bromofluorobenzene	107	70-130		%REC	336318	1	05/16/2022 08:15	OM
Surr: Dibromofluoromethane	105	70-130		%REC	336318	1	05/16/2022 08:15	OM
Surr: Toluene-d8	104	70-130		%REC	336318	1	05/16/2022 08:15	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.021		ug/L	336164	1	05/13/2022 12:23	KH
Surr: 4-Bromofluorobenzene	103	73.6-140		%REC	336164	1	05/13/2022 12:23	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 -MW - 22
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 4:30:00 PM
<b>Lab ID:</b> 2205782-022	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336318	1	05/15/2022 17:57	OM
Toluene	BRL	1.0		ug/L	336318	1	05/15/2022 17:57	OM
Ethylbenzene	BRL	1.0		ug/L	336318	1	05/15/2022 17:57	OM
Xylenes, Total	BRL	1.0		ug/L	336318	1	05/15/2022 17:57	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336318	1	05/15/2022 17:57	OM
Naphthalene	BRL	5.0		ug/L	336318	1	05/15/2022 17:57	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336318	1	05/15/2022 17:57	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336318	1	05/15/2022 17:57	OM
tert-Amyl methyl ether	BRL	10		ug/L	336318	1	05/15/2022 17:57	OM
Isopropyl ether	BRL	10		ug/L	336318	1	05/15/2022 17:57	OM
tert-Butyl Alcohol	BRL	100		ug/L	336318	1	05/15/2022 17:57	OM
tert-Amyl alcohol	BRL	100		ug/L	336318	1	05/15/2022 17:57	OM
tert-Butyl formate	BRL	100		ug/L	336318	1	05/15/2022 17:57	OM
Ethanol	BRL	100		ug/L	336318	1	05/15/2022 17:57	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336318	1	05/15/2022 17:57	OM
Surr: 4-Bromofluorobenzene	104	70-130		%REC	336318	1	05/15/2022 17:57	OM
Surr: Dibromofluoromethane	100	70-130		%REC	336318	1	05/15/2022 17:57	OM
Surr: Toluene-d8	102	70-130		%REC	336318	1	05/15/2022 17:57	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.021		ug/L	336164	1	05/13/2022 12:51	KH
Surr: 4-Bromofluorobenzene	110	73.6-140		%REC	336164	1	05/13/2022 12:51	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 -MW - 23
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 5:20:00 PM
<b>Lab ID:</b> 2205782-023	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336275	1	05/16/2022 21:07	OM
Toluene	BRL	1.0		ug/L	336275	1	05/16/2022 21:07	OM
Ethylbenzene	BRL	1.0		ug/L	336275	1	05/16/2022 21:07	OM
Xylenes, Total	BRL	1.0		ug/L	336275	1	05/16/2022 21:07	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336275	1	05/16/2022 21:07	OM
Naphthalene	BRL	5.0		ug/L	336275	1	05/16/2022 21:07	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336275	1	05/16/2022 21:07	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336275	1	05/16/2022 21:07	OM
tert-Amyl methyl ether	BRL	10		ug/L	336275	1	05/16/2022 21:07	OM
Isopropyl ether	BRL	10		ug/L	336275	1	05/16/2022 21:07	OM
tert-Butyl Alcohol	BRL	100		ug/L	336275	1	05/16/2022 21:07	OM
tert-Amyl alcohol	BRL	100		ug/L	336275	1	05/16/2022 21:07	OM
tert-Butyl formate	BRL	100		ug/L	336275	1	05/16/2022 21:07	OM
Ethanol	BRL	100		ug/L	336275	1	05/16/2022 21:07	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336275	1	05/16/2022 21:07	OM
Surr: 4-Bromofluorobenzene	97.9	70-130		%REC	336275	1	05/16/2022 21:07	OM
Surr: Dibromofluoromethane	103	70-130		%REC	336275	1	05/16/2022 21:07	OM
Surr: Toluene-d8	97.3	70-130		%REC	336275	1	05/16/2022 21:07	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336164	1	05/13/2022 13:19	KH
Surr: 4-Bromofluorobenzene	105	73.6-140		%REC	336164	1	05/13/2022 13:19	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 24
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 4:45:00 PM
<b>Lab ID:</b> 2205782-024	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336275	1	05/15/2022 09:29	OM
Toluene	BRL	1.0		ug/L	336275	1	05/15/2022 09:29	OM
Ethylbenzene	BRL	1.0		ug/L	336275	1	05/15/2022 09:29	OM
Xylenes, Total	BRL	1.0		ug/L	336275	1	05/15/2022 09:29	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336275	1	05/15/2022 09:29	OM
Naphthalene	BRL	5.0		ug/L	336275	1	05/15/2022 09:29	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336275	1	05/15/2022 09:29	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336275	1	05/15/2022 09:29	OM
tert-Amyl methyl ether	BRL	10		ug/L	336275	1	05/15/2022 09:29	OM
Isopropyl ether	BRL	10		ug/L	336275	1	05/15/2022 09:29	OM
tert-Butyl Alcohol	BRL	100		ug/L	336275	1	05/15/2022 09:29	OM
tert-Amyl alcohol	BRL	100		ug/L	336275	1	05/15/2022 09:29	OM
tert-Butyl formate	BRL	100		ug/L	336275	1	05/15/2022 09:29	OM
Ethanol	BRL	100		ug/L	336275	1	05/15/2022 09:29	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336275	1	05/15/2022 09:29	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336275	1	05/15/2022 09:29	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336275	1	05/15/2022 09:29	OM
Surr: Toluene-d8	102	70-130		%REC	336275	1	05/15/2022 09:29	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336164	1	05/13/2022 13:47	KH
Surr: 4-Bromofluorobenzene	111	73.6-140		%REC	336164	1	05/13/2022 13:47	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - MW - 25
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 9:45:00 AM
<b>Lab ID:</b> 2205782-025	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	37	1.0		ug/L	336418	1	05/17/2022 00:27	OM
Toluene	BRL	1.0		ug/L	336418	1	05/17/2022 00:27	OM
Ethylbenzene	4.5	1.0		ug/L	336418	1	05/17/2022 00:27	OM
Xylenes, Total	6.3	1.0		ug/L	336418	1	05/17/2022 00:27	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336418	1	05/17/2022 00:27	OM
Naphthalene	BRL	5.0		ug/L	336418	1	05/17/2022 00:27	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336418	1	05/17/2022 00:27	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336418	1	05/17/2022 00:27	OM
tert-Amyl methyl ether	BRL	10		ug/L	336418	1	05/17/2022 00:27	OM
Isopropyl ether	41	10		ug/L	336418	1	05/17/2022 00:27	OM
tert-Butyl Alcohol	BRL	100		ug/L	336418	1	05/17/2022 00:27	OM
tert-Amyl alcohol	BRL	100		ug/L	336418	1	05/17/2022 00:27	OM
tert-Butyl formate	BRL	100		ug/L	336418	1	05/17/2022 00:27	OM
Ethanol	BRL	100		ug/L	336418	1	05/17/2022 00:27	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336418	1	05/17/2022 00:27	OM
Surr: 4-Bromofluorobenzene	98.5	70-130		%REC	336418	1	05/17/2022 00:27	OM
Surr: Dibromofluoromethane	104	70-130		%REC	336418	1	05/17/2022 00:27	OM
Surr: Toluene-d8	99	70-130		%REC	336418	1	05/17/2022 00:27	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336164	1	05/13/2022 14:15	KH
Surr: 4-Bromofluorobenzene	112	73.6-140		%REC	336164	1	05/13/2022 14:15	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - RW - 1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 12:45:00 PM
<b>Lab ID:</b> 2205782-026	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	18000	100		ug/L	336275	100	05/16/2022 00:30	OM
Toluene	46000	1000		ug/L	336275	1000	05/16/2022 23:43	OM
Ethylbenzene	3600	100		ug/L	336275	100	05/16/2022 00:30	OM
Xylenes, Total	18000	100		ug/L	336275	100	05/16/2022 00:30	OM
Methyl tert-butyl ether	1200	100		ug/L	336275	100	05/16/2022 00:30	OM
Naphthalene	560	500		ug/L	336275	100	05/16/2022 00:30	OM
1,2-Dichloroethane	BRL	100		ug/L	336275	100	05/16/2022 00:30	OM
Ethyl tert-butyl ether	BRL	1000		ug/L	336275	100	05/16/2022 00:30	OM
tert-Amyl methyl ether	BRL	1000		ug/L	336275	100	05/16/2022 00:30	OM
Isopropyl ether	4700	1000		ug/L	336275	100	05/16/2022 00:30	OM
tert-Butyl Alcohol	BRL	10000		ug/L	336275	100	05/16/2022 00:30	OM
tert-Amyl alcohol	26000	10000		ug/L	336275	100	05/16/2022 00:30	OM
tert-Butyl formate	BRL	10000		ug/L	336275	100	05/16/2022 00:30	OM
Ethanol	BRL	10000		ug/L	336275	100	05/16/2022 00:30	OM
3,3-Dimethyl-1-butanol	BRL	10000		ug/L	336275	100	05/16/2022 00:30	OM
Surr: 4-Bromofluorobenzene	99.4	70-130		%REC	336275	1000	05/16/2022 23:43	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336275	100	05/16/2022 00:30	OM
Surr: Dibromofluoromethane	104	70-130		%REC	336275	1000	05/16/2022 23:43	OM
Surr: Dibromofluoromethane	104	70-130		%REC	336275	100	05/16/2022 00:30	OM
Surr: Toluene-d8	98.6	70-130		%REC	336275	1000	05/16/2022 23:43	OM
Surr: Toluene-d8	106	70-130		%REC	336275	100	05/16/2022 00:30	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336164	1	05/13/2022 14:43	KH
Surr: 4-Bromofluorobenzene	121	73.6-140		%REC	336164	1	05/13/2022 14:43	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - RW - 2
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 12:30:00 PM
<b>Lab ID:</b> 2205782-027	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	370000	5000		ug/L	336418	5000	05/17/2022 15:56	OM
Toluene	1700000	50000		ug/L	336418	50000	05/17/2022 17:22	OM
Ethylbenzene	270000	5000		ug/L	336418	5000	05/17/2022 15:56	OM
Xylenes, Total	1400000	5000		ug/L	336418	5000	05/17/2022 15:56	OM
Methyl tert-butyl ether	9700	5000		ug/L	336418	5000	05/17/2022 15:56	OM
Naphthalene	100000	25000		ug/L	336418	5000	05/17/2022 15:56	OM
1,2-Dichloroethane	BRL	5000		ug/L	336418	5000	05/17/2022 15:56	OM
Ethyl tert-butyl ether	BRL	50000		ug/L	336418	5000	05/17/2022 15:56	OM
tert-Amyl methyl ether	BRL	50000		ug/L	336418	5000	05/17/2022 15:56	OM
Isopropyl ether	75000	50000		ug/L	336418	5000	05/17/2022 15:56	OM
tert-Butyl Alcohol	BRL	500000		ug/L	336418	5000	05/17/2022 15:56	OM
tert-Amyl alcohol	BRL	500000		ug/L	336418	5000	05/17/2022 15:56	OM
tert-Butyl formate	BRL	500000		ug/L	336418	5000	05/17/2022 15:56	OM
Ethanol	290000000	50000000		ug/L	336418	500000	05/17/2022 18:50	OM
3,3-Dimethyl-1-butanol	BRL	500000		ug/L	336418	5000	05/17/2022 15:56	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336418	50000	05/17/2022 17:22	OM
Surr: 4-Bromofluorobenzene	103	70-130		%REC	336418	500000	05/17/2022 18:50	OM
Surr: 4-Bromofluorobenzene	104	70-130		%REC	336418	5000	05/17/2022 15:56	OM
Surr: Dibromofluoromethane	106	70-130		%REC	336418	50000	05/17/2022 17:22	OM
Surr: Dibromofluoromethane	107	70-130		%REC	336418	500000	05/17/2022 18:50	OM
Surr: Dibromofluoromethane	107	70-130		%REC	336418	5000	05/17/2022 15:56	OM
Surr: Toluene-d8	98.5	70-130		%REC	336418	50000	05/17/2022 17:22	OM
Surr: Toluene-d8	99.5	70-130		%REC	336418	500000	05/17/2022 18:50	OM
Surr: Toluene-d8	103	70-130		%REC	336418	5000	05/17/2022 15:56	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.109		ug/L	336164	5	05/14/2022 06:39	KH
Surr: 4-Bromofluorobenzene	241	73.6-140	S	%REC	336164	1	05/13/2022 16:07	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - RW - 3
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 1:00:00 PM
<b>Lab ID:</b> 2205782-028	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	8000	100		ug/L	336318	100	05/16/2022 00:52	OM
Toluene	18000	500		ug/L	336318	500	05/16/2022 23:21	OM
Ethylbenzene	2300	100		ug/L	336318	100	05/16/2022 00:52	OM
Xylenes, Total	14000	100		ug/L	336318	100	05/16/2022 00:52	OM
Methyl tert-butyl ether	1500	100		ug/L	336318	100	05/16/2022 00:52	OM
Naphthalene	700	500		ug/L	336318	100	05/16/2022 00:52	OM
1,2-Dichloroethane	BRL	100		ug/L	336318	100	05/16/2022 00:52	OM
Ethyl tert-butyl ether	BRL	1000		ug/L	336318	100	05/16/2022 00:52	OM
tert-Amyl methyl ether	BRL	1000		ug/L	336318	100	05/16/2022 00:52	OM
Isopropyl ether	3000	1000		ug/L	336318	100	05/16/2022 00:52	OM
tert-Butyl Alcohol	BRL	10000		ug/L	336318	100	05/16/2022 00:52	OM
tert-Amyl alcohol	40000	10000		ug/L	336318	100	05/16/2022 00:52	OM
tert-Butyl formate	BRL	10000		ug/L	336318	100	05/16/2022 00:52	OM
Ethanol	BRL	10000		ug/L	336318	100	05/16/2022 00:52	OM
3,3-Dimethyl-1-butanol	BRL	10000		ug/L	336318	100	05/16/2022 00:52	OM
Surr: 4-Bromofluorobenzene	100	70-130		%REC	336318	500	05/16/2022 23:21	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336318	100	05/16/2022 00:52	OM
Surr: Dibromofluoromethane	105	70-130		%REC	336318	500	05/16/2022 23:21	OM
Surr: Dibromofluoromethane	103	70-130		%REC	336318	100	05/16/2022 00:52	OM
Surr: Toluene-d8	97.3	70-130		%REC	336318	500	05/16/2022 23:21	OM
Surr: Toluene-d8	104	70-130		%REC	336318	100	05/16/2022 00:52	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336164	1	05/13/2022 16:35	KH
Surr: 4-Bromofluorobenzene	107	73.6-140		%REC	336164	1	05/13/2022 16:35	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 -DW - 1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 1:20:00 PM
<b>Lab ID:</b> 2205782-029	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	35	1.0		ug/L	336318	1	05/16/2022 22:37	OM
Toluene	66	1.0		ug/L	336318	1	05/16/2022 22:37	OM
Ethylbenzene	3.2	1.0		ug/L	336318	1	05/16/2022 22:37	OM
Xylenes, Total	29	1.0		ug/L	336318	1	05/16/2022 22:37	OM
Methyl tert-butyl ether	13	1.0		ug/L	336318	1	05/16/2022 22:37	OM
Naphthalene	BRL	5.0		ug/L	336318	1	05/16/2022 22:37	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336318	1	05/16/2022 22:37	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336318	1	05/16/2022 22:37	OM
tert-Amyl methyl ether	BRL	10		ug/L	336318	1	05/16/2022 22:37	OM
Isopropyl ether	23	10		ug/L	336318	1	05/16/2022 22:37	OM
tert-Butyl Alcohol	BRL	100		ug/L	336318	1	05/16/2022 22:37	OM
tert-Amyl alcohol	BRL	100		ug/L	336318	1	05/16/2022 22:37	OM
tert-Butyl formate	BRL	100		ug/L	336318	1	05/16/2022 22:37	OM
Ethanol	BRL	100		ug/L	336318	1	05/16/2022 22:37	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336318	1	05/16/2022 22:37	OM
Surr: 4-Bromofluorobenzene	98.3	70-130		%REC	336318	1	05/16/2022 22:37	OM
Surr: Dibromofluoromethane	105	70-130		%REC	336318	1	05/16/2022 22:37	OM
Surr: Toluene-d8	98.7	70-130		%REC	336318	1	05/16/2022 22:37	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336164	1	05/13/2022 17:03	KH
Surr: 4-Bromofluorobenzene	102	73.6-140		%REC	336164	1	05/13/2022 17:03	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - DW - 2
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 4:00:00 PM
<b>Lab ID:</b> 2205782-030	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336275	1	05/15/2022 09:51	OM
Toluene	BRL	1.0		ug/L	336275	1	05/15/2022 09:51	OM
Ethylbenzene	BRL	1.0		ug/L	336275	1	05/15/2022 09:51	OM
Xylenes, Total	BRL	1.0		ug/L	336275	1	05/15/2022 09:51	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336275	1	05/15/2022 09:51	OM
Naphthalene	BRL	5.0		ug/L	336275	1	05/15/2022 09:51	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336275	1	05/15/2022 09:51	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336275	1	05/15/2022 09:51	OM
tert-Amyl methyl ether	BRL	10		ug/L	336275	1	05/15/2022 09:51	OM
Isopropyl ether	BRL	10		ug/L	336275	1	05/15/2022 09:51	OM
tert-Butyl Alcohol	BRL	100		ug/L	336275	1	05/15/2022 09:51	OM
tert-Amyl alcohol	BRL	100		ug/L	336275	1	05/15/2022 09:51	OM
tert-Butyl formate	BRL	100		ug/L	336275	1	05/15/2022 09:51	OM
Ethanol	BRL	100		ug/L	336275	1	05/15/2022 09:51	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336275	1	05/15/2022 09:51	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336275	1	05/15/2022 09:51	OM
Surr: Dibromofluoromethane	101	70-130		%REC	336275	1	05/15/2022 09:51	OM
Surr: Toluene-d8	103	70-130		%REC	336275	1	05/15/2022 09:51	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.021		ug/L	336164	1	05/13/2022 17:31	KH
Surr: 4-Bromofluorobenzene	97.7	73.6-140		%REC	336164	1	05/13/2022 17:31	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - DW - 3
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 3:25:00 PM
<b>Lab ID:</b> 2205782-031	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336275	1	05/15/2022 10:13	OM
Toluene	BRL	1.0		ug/L	336275	1	05/15/2022 10:13	OM
Ethylbenzene	BRL	1.0		ug/L	336275	1	05/15/2022 10:13	OM
Xylenes, Total	1.2	1.0		ug/L	336275	1	05/15/2022 10:13	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336275	1	05/15/2022 10:13	OM
Naphthalene	BRL	5.0		ug/L	336275	1	05/15/2022 10:13	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336275	1	05/15/2022 10:13	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336275	1	05/15/2022 10:13	OM
tert-Amyl methyl ether	BRL	10		ug/L	336275	1	05/15/2022 10:13	OM
Isopropyl ether	BRL	10		ug/L	336275	1	05/15/2022 10:13	OM
tert-Butyl Alcohol	BRL	100		ug/L	336275	1	05/15/2022 10:13	OM
tert-Amyl alcohol	BRL	100		ug/L	336275	1	05/15/2022 10:13	OM
tert-Butyl formate	BRL	100		ug/L	336275	1	05/15/2022 10:13	OM
Ethanol	BRL	100		ug/L	336275	1	05/15/2022 10:13	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336275	1	05/15/2022 10:13	OM
Surr: 4-Bromofluorobenzene	103	70-130		%REC	336275	1	05/15/2022 10:13	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336275	1	05/15/2022 10:13	OM
Surr: Toluene-d8	101	70-130		%REC	336275	1	05/15/2022 10:13	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336164	1	05/13/2022 17:59	KH
Surr: 4-Bromofluorobenzene	108	73.6-140		%REC	336164	1	05/13/2022 17:59	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - DW - 4
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 5:05:00 PM
<b>Lab ID:</b> 2205782-032	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336275	1	05/15/2022 10:35	OM
Toluene	BRL	1.0		ug/L	336275	1	05/15/2022 10:35	OM
Ethylbenzene	BRL	1.0		ug/L	336275	1	05/15/2022 10:35	OM
Xylenes, Total	BRL	1.0		ug/L	336275	1	05/15/2022 10:35	OM
Methyl tert-butyl ether	2.6	1.0		ug/L	336275	1	05/15/2022 10:35	OM
Naphthalene	BRL	5.0		ug/L	336275	1	05/15/2022 10:35	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336275	1	05/15/2022 10:35	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336275	1	05/15/2022 10:35	OM
tert-Amyl methyl ether	BRL	10		ug/L	336275	1	05/15/2022 10:35	OM
Isopropyl ether	23	10		ug/L	336275	1	05/15/2022 10:35	OM
tert-Butyl Alcohol	BRL	100		ug/L	336275	1	05/15/2022 10:35	OM
tert-Amyl alcohol	BRL	100		ug/L	336275	1	05/15/2022 10:35	OM
tert-Butyl formate	BRL	100		ug/L	336275	1	05/15/2022 10:35	OM
Ethanol	BRL	100		ug/L	336275	1	05/15/2022 10:35	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336275	1	05/15/2022 10:35	OM
Surr: 4-Bromofluorobenzene	104	70-130		%REC	336275	1	05/15/2022 10:35	OM
Surr: Dibromofluoromethane	101	70-130		%REC	336275	1	05/15/2022 10:35	OM
Surr: Toluene-d8	101	70-130		%REC	336275	1	05/15/2022 10:35	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.021		ug/L	336164	1	05/13/2022 18:27	KH
Surr: 4-Bromofluorobenzene	107	73.6-140		%REC	336164	1	05/13/2022 18:27	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - SW - 1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 9:15:00 AM
<b>Lab ID:</b> 2205782-033	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336318	1	05/16/2022 07:53	OM
Toluene	BRL	1.0		ug/L	336318	1	05/16/2022 07:53	OM
Ethylbenzene	BRL	1.0		ug/L	336318	1	05/16/2022 07:53	OM
Xylenes, Total	BRL	1.0		ug/L	336318	1	05/16/2022 07:53	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336318	1	05/16/2022 07:53	OM
Naphthalene	BRL	5.0		ug/L	336318	1	05/16/2022 07:53	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336318	1	05/16/2022 07:53	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336318	1	05/16/2022 07:53	OM
tert-Amyl methyl ether	BRL	10		ug/L	336318	1	05/16/2022 07:53	OM
Isopropyl ether	BRL	10		ug/L	336318	1	05/16/2022 07:53	OM
tert-Butyl Alcohol	BRL	100		ug/L	336318	1	05/16/2022 07:53	OM
tert-Amyl alcohol	BRL	100		ug/L	336318	1	05/16/2022 07:53	OM
tert-Butyl formate	BRL	100		ug/L	336318	1	05/16/2022 07:53	OM
Ethanol	BRL	100		ug/L	336318	1	05/16/2022 07:53	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336318	1	05/16/2022 07:53	OM
Surr: 4-Bromofluorobenzene	107	70-130		%REC	336318	1	05/16/2022 07:53	OM
Surr: Dibromofluoromethane	106	70-130		%REC	336318	1	05/16/2022 07:53	OM
Surr: Toluene-d8	106	70-130		%REC	336318	1	05/16/2022 07:53	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336164	1	05/13/2022 18:55	KH
Surr: 4-Bromofluorobenzene	97.4	73.6-140		%REC	336164	1	05/13/2022 18:55	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - SW - 2
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 10:00:00 AM
<b>Lab ID:</b> 2205782-034	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	3200	100		ug/L	336418	100	05/17/2022 17:44	OM
Toluene	6100	100		ug/L	336418	100	05/17/2022 17:44	OM
Ethylbenzene	510	100		ug/L	336418	100	05/17/2022 17:44	OM
Xylenes, Total	2500	100		ug/L	336418	100	05/17/2022 17:44	OM
Methyl tert-butyl ether	6.5	1.0		ug/L	336418	1	05/17/2022 00:49	OM
Naphthalene	30	5.0		ug/L	336418	1	05/17/2022 00:49	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336418	1	05/17/2022 00:49	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336418	1	05/17/2022 00:49	OM
tert-Amyl methyl ether	28	10		ug/L	336418	1	05/17/2022 00:49	OM
Isopropyl ether	350	10		ug/L	336418	1	05/17/2022 00:49	OM
tert-Butyl Alcohol	BRL	100		ug/L	336418	1	05/17/2022 00:49	OM
tert-Amyl alcohol	BRL	100		ug/L	336418	1	05/17/2022 00:49	OM
tert-Butyl formate	BRL	100		ug/L	336418	1	05/17/2022 00:49	OM
Ethanol	BRL	100		ug/L	336418	1	05/17/2022 00:49	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336418	1	05/17/2022 00:49	OM
Surr: 4-Bromofluorobenzene	96.6	70-130		%REC	336418	1	05/17/2022 00:49	OM
Surr: 4-Bromofluorobenzene	99.5	70-130		%REC	336418	100	05/17/2022 17:44	OM
Surr: Dibromofluoromethane	100	70-130		%REC	336418	1	05/17/2022 00:49	OM
Surr: Dibromofluoromethane	107	70-130		%REC	336418	100	05/17/2022 17:44	OM
Surr: Toluene-d8	100	70-130		%REC	336418	100	05/17/2022 17:44	OM
Surr: Toluene-d8	102	70-130		%REC	336418	1	05/17/2022 00:49	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336164	1	05/13/2022 19:23	KH
Surr: 4-Bromofluorobenzene	114	73.6-140		%REC	336164	1	05/13/2022 19:23	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - SW - 3
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 10:45:00 AM
<b>Lab ID:</b> 2205782-035	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	4500	100		ug/L	336418	100	05/17/2022 18:28	OM
Toluene	6700	100		ug/L	336418	100	05/17/2022 18:28	OM
Ethylbenzene	490	100		ug/L	336418	100	05/17/2022 18:28	OM
Xylenes, Total	3000	100		ug/L	336418	100	05/17/2022 18:28	OM
Methyl tert-butyl ether	68	1.0		ug/L	336418	1	05/17/2022 01:11	OM
Naphthalene	95	5.0		ug/L	336418	1	05/17/2022 01:11	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336418	1	05/17/2022 01:11	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336418	1	05/17/2022 01:11	OM
tert-Amyl methyl ether	82	10		ug/L	336418	1	05/17/2022 01:11	OM
Isopropyl ether	690	10		ug/L	336418	1	05/17/2022 01:11	OM
tert-Butyl Alcohol	BRL	100		ug/L	336418	1	05/17/2022 01:11	OM
tert-Amyl alcohol	780	100		ug/L	336418	1	05/17/2022 01:11	OM
tert-Butyl formate	BRL	100		ug/L	336418	1	05/17/2022 01:11	OM
Ethanol	BRL	100		ug/L	336418	1	05/17/2022 01:11	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336418	1	05/17/2022 01:11	OM
Surr: 4-Bromofluorobenzene	98.4	70-130		%REC	336418	1	05/17/2022 01:11	OM
Surr: 4-Bromofluorobenzene	103	70-130		%REC	336418	100	05/17/2022 18:28	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336418	1	05/17/2022 01:11	OM
Surr: Dibromofluoromethane	106	70-130		%REC	336418	100	05/17/2022 18:28	OM
Surr: Toluene-d8	99.2	70-130		%REC	336418	100	05/17/2022 18:28	OM
Surr: Toluene-d8	101	70-130		%REC	336418	1	05/17/2022 01:11	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336164	1	05/13/2022 20:18	KH
Surr: 4-Bromofluorobenzene	111	73.6-140		%REC	336164	1	05/13/2022 20:18	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - SW - 4
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 11:15:00 AM
<b>Lab ID:</b> 2205782-036	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	180	1.0		ug/L	336418	1	05/17/2022 14:50	OM
Toluene	170	1.0		ug/L	336418	1	05/17/2022 14:50	OM
Ethylbenzene	8.4	1.0		ug/L	336418	1	05/17/2022 14:50	OM
Xylenes, Total	190	1.0		ug/L	336418	1	05/17/2022 14:50	OM
Methyl tert-butyl ether	15	1.0		ug/L	336418	1	05/17/2022 14:50	OM
Naphthalene	8.9	5.0		ug/L	336418	1	05/17/2022 14:50	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336418	1	05/17/2022 14:50	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336418	1	05/17/2022 14:50	OM
tert-Amyl methyl ether	15	10		ug/L	336418	1	05/17/2022 14:50	OM
Isopropyl ether	210	10		ug/L	336418	1	05/17/2022 14:50	OM
tert-Butyl Alcohol	BRL	100		ug/L	336418	1	05/17/2022 14:50	OM
tert-Amyl alcohol	360	100		ug/L	336418	1	05/17/2022 14:50	OM
tert-Butyl formate	BRL	100		ug/L	336418	1	05/17/2022 14:50	OM
Ethanol	BRL	100		ug/L	336418	1	05/17/2022 14:50	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336418	1	05/17/2022 14:50	OM
Surr: 4-Bromofluorobenzene	104	70-130		%REC	336418	1	05/17/2022 14:50	OM
Surr: Dibromofluoromethane	108	70-130		%REC	336418	1	05/17/2022 14:50	OM
Surr: Toluene-d8	102	70-130		%REC	336418	1	05/17/2022 14:50	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336164	1	05/13/2022 20:46	KH
Surr: 4-Bromofluorobenzene	109	73.6-140		%REC	336164	1	05/13/2022 20:46	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - SW - 5
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 12:30:00 PM
<b>Lab ID:</b> 2205782-037	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	3.8	1.0		ug/L	336318	1	05/16/2022 06:25	OM
Toluene	12	1.0		ug/L	336318	1	05/16/2022 06:25	OM
Ethylbenzene	1.5	1.0		ug/L	336318	1	05/16/2022 06:25	OM
Xylenes, Total	130	1.0		ug/L	336318	1	05/16/2022 06:25	OM
Methyl tert-butyl ether	1.7	1.0		ug/L	336318	1	05/16/2022 06:25	OM
Naphthalene	8.8	5.0		ug/L	336318	1	05/16/2022 06:25	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336318	1	05/16/2022 06:25	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336318	1	05/16/2022 06:25	OM
tert-Amyl methyl ether	BRL	10		ug/L	336318	1	05/16/2022 21:30	OM
Isopropyl ether	25	10		ug/L	336318	1	05/16/2022 21:30	OM
tert-Butyl Alcohol	BRL	100		ug/L	336318	1	05/16/2022 06:25	OM
tert-Amyl alcohol	120	100		ug/L	336318	1	05/16/2022 06:25	OM
tert-Butyl formate	BRL	100		ug/L	336318	1	05/16/2022 06:25	OM
Ethanol	BRL	100		ug/L	336318	1	05/16/2022 06:25	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336318	1	05/16/2022 06:25	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336318	1	05/16/2022 21:30	OM
Surr: 4-Bromofluorobenzene	106	70-130		%REC	336318	1	05/16/2022 06:25	OM
Surr: Dibromofluoromethane	103	70-130		%REC	336318	1	05/16/2022 21:30	OM
Surr: Dibromofluoromethane	105	70-130		%REC	336318	1	05/16/2022 06:25	OM
Surr: Toluene-d8	97.9	70-130		%REC	336318	1	05/16/2022 21:30	OM
Surr: Toluene-d8	105	70-130		%REC	336318	1	05/16/2022 06:25	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.021		ug/L	336164	1	05/13/2022 21:14	KH
Surr: 4-Bromofluorobenzene	101	73.6-140		%REC	336164	1	05/13/2022 21:14	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - SW - 6
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 12:45:00 PM
<b>Lab ID:</b> 2205782-038	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336318	1	05/16/2022 01:36	OM
Toluene	BRL	1.0		ug/L	336318	1	05/16/2022 01:36	OM
Ethylbenzene	BRL	1.0		ug/L	336318	1	05/16/2022 01:36	OM
Xylenes, Total	2.6	1.0		ug/L	336318	1	05/16/2022 01:36	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336318	1	05/16/2022 01:36	OM
Naphthalene	BRL	5.0		ug/L	336318	1	05/16/2022 01:36	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336318	1	05/16/2022 01:36	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336318	1	05/16/2022 01:36	OM
tert-Amyl methyl ether	BRL	10		ug/L	336318	1	05/16/2022 01:36	OM
Isopropyl ether	BRL	10		ug/L	336318	1	05/16/2022 01:36	OM
tert-Butyl Alcohol	BRL	100		ug/L	336318	1	05/16/2022 01:36	OM
tert-Amyl alcohol	BRL	100		ug/L	336318	1	05/16/2022 01:36	OM
tert-Butyl formate	BRL	100		ug/L	336318	1	05/16/2022 01:36	OM
Ethanol	BRL	100		ug/L	336318	1	05/16/2022 01:36	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336318	1	05/16/2022 01:36	OM
Surr: 4-Bromofluorobenzene	106	70-130		%REC	336318	1	05/16/2022 01:36	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336318	1	05/16/2022 01:36	OM
Surr: Toluene-d8	103	70-130		%REC	336318	1	05/16/2022 01:36	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336166	1	05/12/2022 21:07	KH
Surr: 4-Bromofluorobenzene	82.4	73.6-140		%REC	336166	1	05/12/2022 21:07	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - DUP - 1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 2:40:00 PM
<b>Lab ID:</b> 2205782-039	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	5400	50		ug/L	336275	50	05/15/2022 22:19	OM
Toluene	15000	500		ug/L	336275	500	05/15/2022 10:58	OM
Ethylbenzene	1600	50		ug/L	336275	50	05/15/2022 22:19	OM
Xylenes, Total	9000	500		ug/L	336275	500	05/15/2022 10:58	OM
Methyl tert-butyl ether	180	50		ug/L	336275	50	05/15/2022 22:19	OM
Naphthalene	270	250		ug/L	336275	50	05/15/2022 22:19	OM
1,2-Dichloroethane	BRL	50		ug/L	336275	50	05/15/2022 22:19	OM
Ethyl tert-butyl ether	BRL	500		ug/L	336275	50	05/15/2022 22:19	OM
tert-Amyl methyl ether	BRL	500		ug/L	336275	50	05/15/2022 22:19	OM
Isopropyl ether	930	500		ug/L	336275	50	05/15/2022 22:19	OM
tert-Butyl Alcohol	BRL	5000		ug/L	336275	50	05/15/2022 22:19	OM
tert-Amyl alcohol	5600	5000		ug/L	336275	50	05/15/2022 22:19	OM
tert-Butyl formate	BRL	5000		ug/L	336275	50	05/15/2022 22:19	OM
Ethanol	BRL	5000		ug/L	336275	50	05/15/2022 22:19	OM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	336275	50	05/15/2022 22:19	OM
Surr: 4-Bromofluorobenzene	103	70-130		%REC	336275	500	05/15/2022 10:58	OM
Surr: 4-Bromofluorobenzene	104	70-130		%REC	336275	50	05/15/2022 22:19	OM
Surr: Dibromofluoromethane	100	70-130		%REC	336275	50	05/15/2022 22:19	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336275	500	05/15/2022 10:58	OM
Surr: Toluene-d8	103	70-130		%REC	336275	500	05/15/2022 10:58	OM
Surr: Toluene-d8	105	70-130		%REC	336275	50	05/15/2022 22:19	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336164	1	05/13/2022 22:11	KH
Surr: 4-Bromofluorobenzene	110	73.6-140		%REC	336164	1	05/13/2022 22:11	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - DUP - 2
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 9:05:00 AM
<b>Lab ID:</b> 2205782-040	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336318	1	05/16/2022 06:03	OM
Toluene	BRL	1.0		ug/L	336318	1	05/16/2022 06:03	OM
Ethylbenzene	BRL	1.0		ug/L	336318	1	05/16/2022 06:03	OM
Xylenes, Total	BRL	1.0		ug/L	336318	1	05/16/2022 06:03	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336318	1	05/16/2022 06:03	OM
Naphthalene	BRL	5.0		ug/L	336318	1	05/16/2022 06:03	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336318	1	05/16/2022 06:03	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336318	1	05/16/2022 06:03	OM
tert-Amyl methyl ether	BRL	10		ug/L	336318	1	05/16/2022 06:03	OM
Isopropyl ether	BRL	10		ug/L	336318	1	05/16/2022 06:03	OM
tert-Butyl Alcohol	BRL	100		ug/L	336318	1	05/16/2022 06:03	OM
tert-Amyl alcohol	BRL	100		ug/L	336318	1	05/16/2022 06:03	OM
tert-Butyl formate	BRL	100		ug/L	336318	1	05/16/2022 06:03	OM
Ethanol	BRL	100		ug/L	336318	1	05/16/2022 06:03	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336318	1	05/16/2022 06:03	OM
Surr: 4-Bromofluorobenzene	107	70-130		%REC	336318	1	05/16/2022 06:03	OM
Surr: Dibromofluoromethane	106	70-130		%REC	336318	1	05/16/2022 06:03	OM
Surr: Toluene-d8	106	70-130		%REC	336318	1	05/16/2022 06:03	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336164	1	05/13/2022 22:39	KH
Surr: 4-Bromofluorobenzene	96.1	73.6-140		%REC	336164	1	05/13/2022 22:39	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - EQUIPMENT BLANK
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 5:55:00 PM
<b>Lab ID:</b> 2205782-041	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336274	1	05/14/2022 18:51	OM
Toluene	BRL	1.0		ug/L	336274	1	05/14/2022 18:51	OM
Ethylbenzene	BRL	1.0		ug/L	336274	1	05/14/2022 18:51	OM
Xylenes, Total	BRL	1.0		ug/L	336274	1	05/14/2022 18:51	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336274	1	05/14/2022 18:51	OM
Naphthalene	BRL	5.0		ug/L	336274	1	05/14/2022 18:51	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336274	1	05/14/2022 18:51	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336274	1	05/14/2022 18:51	OM
tert-Amyl methyl ether	BRL	10		ug/L	336274	1	05/14/2022 18:51	OM
Isopropyl ether	BRL	10		ug/L	336274	1	05/14/2022 18:51	OM
tert-Butyl Alcohol	BRL	100		ug/L	336274	1	05/14/2022 18:51	OM
tert-Amyl alcohol	BRL	100		ug/L	336274	1	05/14/2022 18:51	OM
tert-Butyl formate	BRL	100		ug/L	336274	1	05/14/2022 18:51	OM
Ethanol	BRL	100		ug/L	336274	1	05/14/2022 18:51	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336274	1	05/14/2022 18:51	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336274	1	05/14/2022 18:51	OM
Surr: Dibromofluoromethane	100	70-130		%REC	336274	1	05/14/2022 18:51	OM
Surr: Toluene-d8	102	70-130		%REC	336274	1	05/14/2022 18:51	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336166	1	05/12/2022 21:24	KH
Surr: 4-Bromofluorobenzene	88	73.6-140		%REC	336166	1	05/12/2022 21:24	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - EQUIPMENT BLANK
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 1:10:00 PM
<b>Lab ID:</b> 2205782-042	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336275	1	05/15/2022 07:40	OM
Toluene	BRL	1.0		ug/L	336275	1	05/15/2022 07:40	OM
Ethylbenzene	BRL	1.0		ug/L	336275	1	05/15/2022 07:40	OM
Xylenes, Total	BRL	1.0		ug/L	336275	1	05/15/2022 07:40	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336275	1	05/15/2022 07:40	OM
Naphthalene	BRL	5.0		ug/L	336275	1	05/15/2022 07:40	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336275	1	05/15/2022 07:40	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336275	1	05/15/2022 07:40	OM
tert-Amyl methyl ether	BRL	10		ug/L	336275	1	05/15/2022 07:40	OM
Isopropyl ether	BRL	10		ug/L	336275	1	05/15/2022 07:40	OM
tert-Butyl Alcohol	BRL	100		ug/L	336275	1	05/15/2022 07:40	OM
tert-Amyl alcohol	BRL	100		ug/L	336275	1	05/15/2022 07:40	OM
tert-Butyl formate	BRL	100		ug/L	336275	1	05/15/2022 07:40	OM
Ethanol	BRL	100		ug/L	336275	1	05/15/2022 07:40	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336275	1	05/15/2022 07:40	OM
Surr: 4-Bromofluorobenzene	104	70-130		%REC	336275	1	05/15/2022 07:40	OM
Surr: Dibromofluoromethane	101	70-130		%REC	336275	1	05/15/2022 07:40	OM
Surr: Toluene-d8	102	70-130		%REC	336275	1	05/15/2022 07:40	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336166	1	05/12/2022 21:41	KH
Surr: 4-Bromofluorobenzene	91	73.6-140		%REC	336166	1	05/12/2022 21:41	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - FIELD BLANK - 1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022 6:00:00 PM
<b>Lab ID:</b> 2205782-043	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336274	1	05/14/2022 19:13	OM
Toluene	BRL	1.0		ug/L	336274	1	05/14/2022 19:13	OM
Ethylbenzene	BRL	1.0		ug/L	336274	1	05/14/2022 19:13	OM
Xylenes, Total	BRL	1.0		ug/L	336274	1	05/14/2022 19:13	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336274	1	05/14/2022 19:13	OM
Naphthalene	BRL	5.0		ug/L	336274	1	05/14/2022 19:13	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336274	1	05/14/2022 19:13	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336274	1	05/14/2022 19:13	OM
tert-Amyl methyl ether	BRL	10		ug/L	336274	1	05/14/2022 19:13	OM
Isopropyl ether	BRL	10		ug/L	336274	1	05/14/2022 19:13	OM
tert-Butyl Alcohol	BRL	100		ug/L	336274	1	05/14/2022 19:13	OM
tert-Amyl alcohol	BRL	100		ug/L	336274	1	05/14/2022 19:13	OM
tert-Butyl formate	BRL	100		ug/L	336274	1	05/14/2022 19:13	OM
Ethanol	BRL	100		ug/L	336274	1	05/14/2022 19:13	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336274	1	05/14/2022 19:13	OM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	336274	1	05/14/2022 19:13	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336274	1	05/14/2022 19:13	OM
Surr: Toluene-d8	99.2	70-130		%REC	336274	1	05/14/2022 19:13	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	336166	1	05/12/2022 21:58	KH
Surr: 4-Bromofluorobenzene	90.6	73.6-140		%REC	336166	1	05/12/2022 21:58	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - FIELD BLANK - 2
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/5/2022 1:15:00 PM
<b>Lab ID:</b> 2205782-044	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336275	1	05/15/2022 08:02	OM
Toluene	BRL	1.0		ug/L	336275	1	05/15/2022 08:02	OM
Ethylbenzene	BRL	1.0		ug/L	336275	1	05/15/2022 08:02	OM
Xylenes, Total	BRL	1.0		ug/L	336275	1	05/15/2022 08:02	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336275	1	05/15/2022 08:02	OM
Naphthalene	BRL	5.0		ug/L	336275	1	05/15/2022 08:02	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336275	1	05/15/2022 08:02	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336275	1	05/15/2022 08:02	OM
tert-Amyl methyl ether	BRL	10		ug/L	336275	1	05/15/2022 08:02	OM
Isopropyl ether	BRL	10		ug/L	336275	1	05/15/2022 08:02	OM
tert-Butyl Alcohol	BRL	100		ug/L	336275	1	05/15/2022 08:02	OM
tert-Amyl alcohol	BRL	100		ug/L	336275	1	05/15/2022 08:02	OM
tert-Butyl formate	BRL	100		ug/L	336275	1	05/15/2022 08:02	OM
Ethanol	BRL	100		ug/L	336275	1	05/15/2022 08:02	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336275	1	05/15/2022 08:02	OM
Surr: 4-Bromofluorobenzene	107	70-130		%REC	336275	1	05/15/2022 08:02	OM
Surr: Dibromofluoromethane	104	70-130		%REC	336275	1	05/15/2022 08:02	OM
Surr: Toluene-d8	101	70-130		%REC	336275	1	05/15/2022 08:02	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.021		ug/L	336166	1	05/12/2022 22:15	KH
Surr: 4-Bromofluorobenzene	87.5	73.6-140		%REC	336166	1	05/12/2022 22:15	KH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - TRIP BLANK - 1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022
<b>Lab ID:</b> 2205782-045	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336274	1	05/14/2022 19:35	OM
Toluene	BRL	1.0		ug/L	336274	1	05/14/2022 19:35	OM
Ethylbenzene	BRL	1.0		ug/L	336274	1	05/14/2022 19:35	OM
Xylenes, Total	BRL	1.0		ug/L	336274	1	05/14/2022 19:35	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336274	1	05/14/2022 19:35	OM
Naphthalene	BRL	5.0		ug/L	336274	1	05/14/2022 19:35	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336274	1	05/14/2022 19:35	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336274	1	05/14/2022 19:35	OM
tert-Amyl methyl ether	BRL	10		ug/L	336274	1	05/14/2022 19:35	OM
Isopropyl ether	BRL	10		ug/L	336274	1	05/14/2022 19:35	OM
tert-Butyl Alcohol	BRL	100		ug/L	336274	1	05/14/2022 19:35	OM
tert-Amyl alcohol	BRL	100		ug/L	336274	1	05/14/2022 19:35	OM
tert-Butyl formate	BRL	100		ug/L	336274	1	05/14/2022 19:35	OM
Ethanol	BRL	100		ug/L	336274	1	05/14/2022 19:35	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336274	1	05/14/2022 19:35	OM
Surr: 4-Bromofluorobenzene	104	70-130		%REC	336274	1	05/14/2022 19:35	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336274	1	05/14/2022 19:35	OM
Surr: Toluene-d8	100	70-130		%REC	336274	1	05/14/2022 19:35	OM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> # 04785 - TRIP BLANK - 2
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 5/4/2022
<b>Lab ID:</b> 2205782-046	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	336274	1	05/14/2022 19:57	OM
Toluene	BRL	1.0		ug/L	336274	1	05/14/2022 19:57	OM
Ethylbenzene	BRL	1.0		ug/L	336274	1	05/14/2022 19:57	OM
Xylenes, Total	BRL	1.0		ug/L	336274	1	05/14/2022 19:57	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	336274	1	05/14/2022 19:57	OM
Naphthalene	BRL	5.0		ug/L	336274	1	05/14/2022 19:57	OM
1,2-Dichloroethane	BRL	1.0		ug/L	336274	1	05/14/2022 19:57	OM
Ethyl tert-butyl ether	BRL	10		ug/L	336274	1	05/14/2022 19:57	OM
tert-Amyl methyl ether	BRL	10		ug/L	336274	1	05/14/2022 19:57	OM
Isopropyl ether	BRL	10		ug/L	336274	1	05/14/2022 19:57	OM
tert-Butyl Alcohol	BRL	100		ug/L	336274	1	05/14/2022 19:57	OM
tert-Amyl alcohol	BRL	100		ug/L	336274	1	05/14/2022 19:57	OM
tert-Butyl formate	BRL	100		ug/L	336274	1	05/14/2022 19:57	OM
Ethanol	BRL	100		ug/L	336274	1	05/14/2022 19:57	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	336274	1	05/14/2022 19:57	OM
Surr: 4-Bromofluorobenzene	101	70-130		%REC	336274	1	05/14/2022 19:57	OM
Surr: Dibromofluoromethane	102	70-130		%REC	336274	1	05/14/2022 19:57	OM
Surr: Toluene-d8	101	70-130		%REC	336274	1	05/14/2022 19:57	OM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Lab Order: 2205782

## Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2205782-001A	# 04785 - MW - 1	5/4/2022 12:15:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 4:00:00PM	05/15/2022
2205782-001B	# 04785 - MW - 1	5/4/2022 12:15:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/14/2022
2205782-002A	# 04785 - MW - 2	5/4/2022 12:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-002A	# 04785 - MW - 2	5/4/2022 12:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/17/2022
2205782-002B	# 04785 - MW - 2	5/4/2022 12:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/12/2022
2205782-003A	# 04785 - MW - 3	5/4/2022 1:35:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-003B	# 04785 - MW - 3	5/4/2022 1:35:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-004A	# 04785 - MW - 4	5/4/2022 1:50:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-004B	# 04785 - MW - 4	5/4/2022 1:50:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-004B	# 04785 - MW - 4	5/4/2022 1:50:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/14/2022
2205782-005A	# 04785 - MW - 5	5/4/2022 2:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 4:00:00PM	05/14/2022
2205782-005A	# 04785 - MW - 5	5/4/2022 2:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 4:00:00PM	05/15/2022
2205782-005B	# 04785 - MW - 5	5/4/2022 2:05:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-006A	# 04785 - MW - 6	5/4/2022 2:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 4:00:00PM	05/14/2022
2205782-006B	# 04785 - MW - 6	5/4/2022 2:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-007A	# 04785 - MW - 7	5/4/2022 2:35:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-007B	# 04785 - MW - 7	5/4/2022 2:35:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-008A	# 04785 - MW - 8	5/4/2022 2:50:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-008B	# 04785 - MW - 8	5/4/2022 2:50:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-009A	# 04785 - MW - 9	5/4/2022 3:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-009B	# 04785 - MW - 9	5/4/2022 3:05:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-010A	# 04785 - MW - 10	5/5/2022 9:00:00AM	Groundwater	Volatile Organic Compounds by GC/MS		5/15/2022 2:38:00PM	05/16/2022
2205782-010B	# 04785 - MW - 10	5/5/2022 9:00:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-011A	# 04785 - MW - 11	5/5/2022 9:30:00AM	Groundwater	Volatile Organic Compounds by GC/MS		5/15/2022 2:38:00PM	05/16/2022
2205782-011B	# 04785 - MW - 11	5/5/2022 9:30:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-012A	# 04785 - MW - 12	5/4/2022 4:15:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-012B	# 04785 - MW - 12	5/4/2022 4:15:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-013A	# 04785 - MW - 13	5/4/2022 3:40:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-013B	# 04785 - MW - 13	5/4/2022 3:40:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022

Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Lab Order: 2205782

## Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2205782-014A	# 04785 - MW - 14	5/5/2022 11:30:00AM	Groundwater	Volatile Organic Compounds by GC/MS		5/16/2022 6:25:00PM	05/17/2022
2205782-014B	# 04785 - MW - 14	5/5/2022 11:30:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-015A	# 04785 - MW - 15	5/5/2022 12:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/15/2022 2:38:00PM	05/16/2022
2205782-015B	# 04785 - MW - 15	5/5/2022 12:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-016A	# 04785 - MW - 16	5/5/2022 11:45:00AM	Groundwater	Volatile Organic Compounds by GC/MS		5/15/2022 2:38:00PM	05/16/2022
2205782-016B	# 04785 - MW - 16	5/5/2022 11:45:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-017A	# 04785 - MW - 17	5/5/2022 11:00:00AM	Groundwater	Volatile Organic Compounds by GC/MS		5/15/2022 2:38:00PM	05/16/2022
2205782-017B	# 04785 - MW - 17	5/5/2022 11:00:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-018A	# 04785 - MW - 18	5/5/2022 10:30:00AM	Groundwater	Volatile Organic Compounds by GC/MS		5/16/2022 6:25:00PM	05/17/2022
2205782-018B	# 04785 - MW - 18	5/5/2022 10:30:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-019A	# 04785 - MW - 19	5/5/2022 10:15:00AM	Groundwater	Volatile Organic Compounds by GC/MS		5/15/2022 2:38:00PM	05/16/2022
2205782-019B	# 04785 - MW - 19	5/5/2022 10:15:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-020A	# 04785 - MW - 20	5/4/2022 5:35:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-020A	# 04785 - MW - 20	5/4/2022 5:35:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/16/2022
2205782-020B	# 04785 - MW - 20	5/4/2022 5:35:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:05:04AM	05/13/2022
2205782-021A	# 04785 - MW - 21	5/5/2022 12:15:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/15/2022 2:38:00PM	05/16/2022
2205782-021B	# 04785 - MW - 21	5/5/2022 12:15:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-022A	# 04785 - MW - 22	5/4/2022 4:30:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/15/2022 2:38:00PM	05/15/2022
2205782-022B	# 04785 - MW - 22	5/4/2022 4:30:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-023A	# 04785 - MW - 23	5/4/2022 5:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/16/2022
2205782-023B	# 04785 - MW - 23	5/4/2022 5:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-024A	# 04785 - MW - 24	5/4/2022 4:45:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-024B	# 04785 - MW - 24	5/4/2022 4:45:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-025A	# 04785 - MW - 25	5/5/2022 9:45:00AM	Groundwater	Volatile Organic Compounds by GC/MS		5/16/2022 6:25:00PM	05/17/2022
2205782-025B	# 04785 - MW - 25	5/5/2022 9:45:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-026A	# 04785 - RW - 1	5/4/2022 12:45:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/16/2022
2205782-026B	# 04785 - RW - 1	5/4/2022 12:45:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-027A	# 04785 - RW - 2	5/4/2022 12:30:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/16/2022 6:25:00PM	05/17/2022
2205782-027B	# 04785 - RW - 2	5/4/2022 12:30:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022

Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Lab Order: 2205782

**Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2205782-027B	# 04785 - RW - 2	5/4/2022 12:30:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/14/2022
2205782-028A	# 04785 - RW - 3	5/4/2022 1:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/15/2022 2:38:00PM	05/16/2022
2205782-028B	# 04785 - RW - 3	5/4/2022 1:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-029A	# 04785 - DW - 1	5/4/2022 1:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/15/2022 2:38:00PM	05/16/2022
2205782-029B	# 04785 - DW - 1	5/4/2022 1:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-030A	# 04785 - DW - 2	5/4/2022 4:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-030B	# 04785 - DW - 2	5/4/2022 4:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-031A	# 04785 - DW - 3	5/4/2022 3:25:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-031B	# 04785 - DW - 3	5/4/2022 3:25:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-032A	# 04785 - DW - 4	5/4/2022 5:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-032B	# 04785 - DW - 4	5/4/2022 5:05:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-033A	# 04785 - SW - 1	5/5/2022 9:15:00AM	Surface Water	Volatile Organic Compounds by GC/MS		5/15/2022 2:38:00PM	05/16/2022
2205782-033B	# 04785 - SW - 1	5/5/2022 9:15:00AM	Surface Water	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-034A	# 04785 - SW - 2	5/5/2022 10:00:00AM	Surface Water	Volatile Organic Compounds by GC/MS		5/16/2022 6:25:00PM	05/17/2022
2205782-034B	# 04785 - SW - 2	5/5/2022 10:00:00AM	Surface Water	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-035A	# 04785 - SW - 3	5/5/2022 10:45:00AM	Surface Water	Volatile Organic Compounds by GC/MS		5/16/2022 6:25:00PM	05/17/2022
2205782-035B	# 04785 - SW - 3	5/5/2022 10:45:00AM	Surface Water	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-036A	# 04785 - SW - 4	5/5/2022 11:15:00AM	Surface Water	Volatile Organic Compounds by GC/MS		5/16/2022 6:25:00PM	05/17/2022
2205782-036B	# 04785 - SW - 4	5/5/2022 11:15:00AM	Surface Water	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-037A	# 04785 - SW - 5	5/5/2022 12:30:00PM	Surface Water	Volatile Organic Compounds by GC/MS		5/15/2022 2:38:00PM	05/16/2022
2205782-037B	# 04785 - SW - 5	5/5/2022 12:30:00PM	Surface Water	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-038A	# 04785 - SW - 6	5/5/2022 12:45:00PM	Surface Water	Volatile Organic Compounds by GC/MS		5/15/2022 2:38:00PM	05/16/2022
2205782-038B	# 04785 - SW - 6	5/5/2022 12:45:00PM	Surface Water	MICRO-EXTRACTABLE VOCs		5/12/2022 11:26:53AM	05/12/2022
2205782-039A	# 04785 - DUP - 1	5/4/2022 2:40:00PM	Groundwater	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-039B	# 04785 - DUP - 1	5/4/2022 2:40:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-040A	# 04785 - DUP - 2	5/5/2022 9:05:00AM	Groundwater	Volatile Organic Compounds by GC/MS		5/15/2022 2:38:00PM	05/16/2022
2205782-040B	# 04785 - DUP - 2	5/5/2022 9:05:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		5/12/2022 11:19:04AM	05/13/2022
2205782-041A	# 04785 - EQUIPMENT BLANI	5/4/2022 5:55:00PM	Aqueous	Volatile Organic Compounds by GC/MS		5/14/2022 4:00:00PM	05/14/2022
2205782-041B	# 04785 - EQUIPMENT BLANI	5/4/2022 5:55:00PM	Aqueous	MICRO-EXTRACTABLE VOCs		5/12/2022 11:26:53AM	05/12/2022



Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Lab Order: 2205782

**Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2205782-042A	# 04785 - EQUIPMENT BLAN	5/5/2022 1:10:00PM	Aqueous	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-042B	# 04785 - EQUIPMENT BLAN	5/5/2022 1:10:00PM	Aqueous	MICRO-EXTRACTABLE VOCs		5/12/2022 11:26:53AM	05/12/2022
2205782-043A	# 04785 - FIELD BLANK - 1	5/4/2022 6:00:00PM	Aqueous	Volatile Organic Compounds by GC/MS		5/14/2022 4:00:00PM	05/14/2022
2205782-043B	# 04785 - FIELD BLANK - 1	5/4/2022 6:00:00PM	Aqueous	MICRO-EXTRACTABLE VOCs		5/12/2022 11:26:53AM	05/12/2022
2205782-044A	# 04785 - FIELD BLANK - 2	5/5/2022 1:15:00PM	Aqueous	Volatile Organic Compounds by GC/MS		5/14/2022 5:46:00PM	05/15/2022
2205782-044B	# 04785 - FIELD BLANK - 2	5/5/2022 1:15:00PM	Aqueous	MICRO-EXTRACTABLE VOCs		5/12/2022 11:26:53AM	05/12/2022
2205782-045A	# 04785 - TRIP BLANK - 1	5/4/2022 12:00:00AM	Aqueous	Volatile Organic Compounds by GC/MS		5/14/2022 4:00:00PM	05/14/2022
2205782-046A	# 04785 - TRIP BLANK - 2	5/4/2022 12:00:00AM	Aqueous	Volatile Organic Compounds by GC/MS		5/14/2022 4:00:00PM	05/14/2022

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336157**

Sample ID: <b>MB-336157</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>486016</b>							
SampleType: <b>MBLK</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336157</b>	Analysis Date: <b>05/12/2022</b>	Seq No: <b>11293657</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	BRL	0.020									
Surr: 4-Bromofluorobenzene	5.643	0	5.000		113	70	130				

Sample ID: <b>LCS-336157</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>486016</b>							
SampleType: <b>LCS</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336157</b>	Analysis Date: <b>05/12/2022</b>	Seq No: <b>11293658</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	0.1010	0.020	0.1000		101	60	140				
Surr: 4-Bromofluorobenzene	5.914	0	5.000		118	70	130				

Sample ID: <b>LCSD-336157</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>486016</b>							
SampleType: <b>LCSD</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336157</b>	Analysis Date: <b>05/14/2022</b>	Seq No: <b>11293740</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	0.09992	0.020	0.1000		99.9	60	140	0.1010	1.07	15.6	
Surr: 4-Bromofluorobenzene	4.662	0	5.000		93.2	70	130	5.914	0	0	

Sample ID: <b>2205782-002BMS</b>	Client ID: <b># 04785 - MW - 2</b>	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>486016</b>							
SampleType: <b>MS</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336157</b>	Analysis Date: <b>05/12/2022</b>	Seq No: <b>11293661</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	0.08449	0.021	0.1030		82.0	70	131				
Surr: 4-Bromofluorobenzene	5.936	0	5.152		115	73.6	140				

Sample ID: <b>2205782-005BDUP</b>	Client ID: <b># 04785 - MW - 5</b>	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>486016</b>							
SampleType: <b>DUP</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336157</b>	Analysis Date: <b>05/13/2022</b>	Seq No: <b>11293666</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	BRL	0.020						0	0	30	
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**Qualifiers:**

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

Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Workorder: 2205782

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 336157

Sample ID: 2205782-005BDUP	Client ID: # 04785 - MW - 5	Units: ug/L	Prep Date: 05/12/2022	Run No: 486016
SampleType: DUP	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 336157	Analysis Date: 05/13/2022	Seq No: 11293666

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	6.248	0	4.979		126	73.6	140	4.837	0	0	

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336164**

Sample ID: <b>MB-336164</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>486016</b>							
SampleType: <b>MBLK</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336164</b>	Analysis Date: <b>05/13/2022</b>	Seq No: <b>11293683</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane BRL 0.020  
 Surr: 4-Bromofluorobenzene 5.151 0 5.000 103 70 130

Sample ID: <b>LCS-336164</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>486016</b>							
SampleType: <b>LCS</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336164</b>	Analysis Date: <b>05/13/2022</b>	Seq No: <b>11293685</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.1020 0.020 0.1000 102 60 140  
 Surr: 4-Bromofluorobenzene 5.652 0 5.000 113 70 130

Sample ID: <b>LCSD-336164</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>486016</b>							
SampleType: <b>LCSD</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336164</b>	Analysis Date: <b>05/14/2022</b>	Seq No: <b>11293745</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.09000 0.020 0.1000 90.0 60 140 0.1020 12.5 15.6  
 Surr: 4-Bromofluorobenzene 4.170 0 5.000 83.4 70 130 5.652 0 0

Sample ID: <b>2205782-026BMS</b>	Client ID: <b># 04785 - RW - 1</b>	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>486016</b>							
SampleType: <b>MS</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336164</b>	Analysis Date: <b>05/13/2022</b>	Seq No: <b>11293694</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.1177 0.020 0.1006 117 70 131  
 Surr: 4-Bromofluorobenzene 5.724 0 5.029 114 73.6 140

Sample ID: <b>2205782-037BDUP</b>	Client ID: <b># 04785 - SW - 5</b>	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>486016</b>							
SampleType: <b>DUP</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336164</b>	Analysis Date: <b>05/13/2022</b>	Seq No: <b>11293729</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane BRL 0.020 0 0 30

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

Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Workorder: 2205782

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 336164

Sample ID: 2205782-037BDUP	Client ID: # 04785 - SW - 5	Units: ug/L	Prep Date: 05/12/2022	Run No: 486016
SampleType: DUP	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 336164	Analysis Date: 05/13/2022	Seq No: 11293729

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	5.429	0	5.105		106	73.6	140	5.357	0	0	

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



Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Workorder: 2205782

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 336166

Sample ID: <b>MB-336166</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>485840</b>							
SampleType: <b>MBLK</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336166</b>	Analysis Date: <b>05/12/2022</b>	Seq No: <b>11287667</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane BRL 0.020  
 Surr: 4-Bromofluorobenzene 4.698 0 5.000 94.0 70 130

Sample ID: <b>LCS-336166</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>485840</b>							
SampleType: <b>LCS</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336166</b>	Analysis Date: <b>05/12/2022</b>	Seq No: <b>11287668</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.1200 0.020 0.1000 120 60 140  
 Surr: 4-Bromofluorobenzene 4.914 0 5.000 98.3 70 130

Sample ID: <b>LCS-336166</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>485871</b>							
SampleType: <b>LCS</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336166</b>	Analysis Date: <b>05/13/2022</b>	Seq No: <b>11288180</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.1120 0.020 0.1000 112 60 140 0.1200 6.90 15.6  
 Surr: 4-Bromofluorobenzene 3.879 0 5.000 77.6 70 130 4.914 0 0

Sample ID: <b>2205782-038BMS</b>	Client ID: <b># 04785 - SW - 6</b>	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>485840</b>							
SampleType: <b>MS</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336166</b>	Analysis Date: <b>05/12/2022</b>	Seq No: <b>11287705</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.1107 0.020 0.1006 110 70 131  
 Surr: 4-Bromofluorobenzene 4.572 0 5.032 90.9 73.6 140

Sample ID: <b>2205978-023BDUP</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>485840</b>							
SampleType: <b>DUP</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336166</b>	Analysis Date: <b>05/12/2022</b>	Seq No: <b>11287708</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane BRL 0.020 0 0 30

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336166**

Sample ID: <b>2205978-023BDUP</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/12/2022</b>	Run No: <b>485840</b>
SampleType: <b>DUP</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>336166</b>	Analysis Date: <b>05/12/2022</b>	Seq No: <b>11287708</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	4.713	0	5.033		93.6	73.6	140	4.674	0	0	

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336274**

Sample ID: <b>MB-336274</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485972</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336274</b>	Analysis Date: <b>05/14/2022</b>	Seq No: <b>11291736</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

3,3-Dimethyl-1-butanol  
 Ethanol  
 Ethyl tert-butyl ether  
 Isopropyl ether  
 tert-Amyl alcohol  
 tert-Amyl methyl ether  
 tert-Butyl Alcohol  
 tert-Butyl formate

BRL  
 BRL  
 BRL  
 BRL  
 BRL  
 BRL  
 BRL

100  
 100  
 10  
 10  
 100  
 10  
 100  
 100

Sample ID: <b>MB-336274</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485972</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336274</b>	Analysis Date: <b>05/14/2022</b>	Seq No: <b>11292117</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane  
 Benzene  
 Ethylbenzene  
 Methyl tert-butyl ether  
 Naphthalene  
 Toluene  
 Xylenes, Total  
 Surr: 4-Bromofluorobenzene  
 Surr: Dibromofluoromethane  
 Surr: Toluene-d8

BRL  
 BRL  
 BRL  
 BRL  
 BRL  
 BRL  
 BRL  
 50.86  
 50.92  
 50.36

1.0  
 1.0  
 1.0  
 1.0  
 5.0  
 1.0  
 1.0  
 0  
 0  
 0

50.00  
 50.00  
 50.00

102  
 102  
 101  
 70  
 70  
 70  
 130  
 130  
 130

Sample ID: <b>LCS-336274</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485972</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336274</b>	Analysis Date: <b>05/14/2022</b>	Seq No: <b>11291735</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

**Qualifiers:** > Greater than Result value  
 BRL Below reporting limit  
 J Estimated value detected below Reporting Limit  
 Rpt Lim Reporting Limit

< Less than Result value  
 E Estimated (value above quantitation range)  
 N Analyte not NELAC certified  
 S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside limits due to matrix

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336274**

Sample ID: <b>LCS-336274</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485972</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336274</b>	Analysis Date: <b>05/14/2022</b>	Seq No: <b>11291735</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

3,3-Dimethyl-1-butanol	506.4	100	500.0		101	70	130				
Ethanol	512.8	100	500.0		103	70	130				
Ethyl tert-butyl ether	108.6	10	100.0		109	70	130				
Isopropyl ether	108.8	10	100.0		109	70	130				
tert-Amyl alcohol	538.0	100	500.0		108	70	130				
tert-Amyl methyl ether	105.5	10	100.0		106	70	130				
tert-Butyl Alcohol	517.1	100	500.0		103	70	130				
tert-Butyl formate	516.4	100	500.0		103	70	130				

Sample ID: <b>LCS-336274</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485972</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336274</b>	Analysis Date: <b>05/14/2022</b>	Seq No: <b>11292116</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	20.22	1.0	20.00		101	70	130				
Benzene	20.20	1.0	20.00		101	70	130				
Ethylbenzene	20.46	1.0	20.00		102	70	130				
Methyl tert-butyl ether	19.10	1.0	20.00		95.5	70	130				
Naphthalene	18.45	5.0	20.00		92.2	70	130				
Toluene	19.61	1.0	20.00		98.0	70	130				
Xylenes, Total	60.24	1.0	60.00		100	70	130				
Surr: 4-Bromofluorobenzene	51.23	0	50.00		102	70	130				
Surr: Dibromofluoromethane	50.97	0	50.00		102	70	130				
Surr: Toluene-d8	51.24	0	50.00		102	70	130				

Sample ID: <b>2205782-005AMS</b>	Client ID: <b># 04785 - MW - 5</b>	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485972</b>							
SampleType: <b>MS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336274</b>	Analysis Date: <b>05/15/2022</b>	Seq No: <b>11292234</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

**Qualifiers:**

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

Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Workorder: 2205782

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 336274

Sample ID: 2205782-005AMS	Client ID: # 04785 - MW - 5	Units: ug/L	Prep Date: 05/14/2022	Run No: 485972							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 336274	Analysis Date: 05/15/2022	Seq No: 11292234							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	946.0	50	1000		94.6	72.1	135				
Benzene	12600	50	1000	12110	49.8	70.5	136				SE
Ethylbenzene	3821	50	1000	2798	102	70	134				
Methyl tert-butyl ether	6944	50	6000		116	65.7	136				
Naphthalene	1510	250	1000	414.5	110	58.6	135				
Toluene	30960	50	1000	29620	134	66.4	140				E
Xylenes, Total	16630	50	3000	13880	91.9	65.4	138				
Surr: 4-Bromofluorobenzene	2628	0	2500		105	70	130				
Surr: Dibromofluoromethane	2482	0	2500		99.3	70	130				
Surr: Toluene-d8	2628	0	2500		105	70	130				

Sample ID: 2205782-005AMS	Client ID: # 04785 - MW - 5	Units: ug/L	Prep Date: 05/14/2022	Run No: 485972							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 336274	Analysis Date: 05/15/2022	Seq No: 11292475							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

3,3-Dimethyl-1-butanol	24840	5000	25000		99.4	60.1	130				
Ethanol	17230	5000	25000		68.9	61.9	140				
Ethyl tert-butyl ether	6072	500	5000		121	71.2	122				
Isopropyl ether	7544	500	5000		151	71	133				S
tert-Amyl alcohol	28030	5000	25000		112	69.7	140				
tert-Amyl methyl ether	5782	500	5000		116	70.1	126				
tert-Butyl Alcohol	24710	5000	25000		98.9	67	140				
tert-Butyl formate	28700	5000	25000		115	60	134				

Sample ID: 2205623-006ADUP	Client ID:	Units: ug/L	Prep Date: 05/14/2022	Run No: 485972							
SampleType: DUP	TestCode: Volatile Organic Compounds SW8260D	BatchID: 336274	Analysis Date: 05/15/2022	Seq No: 11294002							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

**Qualifiers:**

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



Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Workorder: 2205782

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 336274

Sample ID: 2205623-006ADUP	Client ID:	Units: ug/L	Prep Date: 05/14/2022	Run No: 485972							
SampleType: DUP	TestCode: Volatile Organic Compounds SW8260D	BatchID: 336274	Analysis Date: 05/15/2022	Seq No: 11294002							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

3,3-Dimethyl-1-butanol	BRL	100						0	0	30	
Ethanol	BRL	100						0	0	30	
Ethyl tert-butyl ether	BRL	10						0	0	30	
Isopropyl ether	BRL	10						0	0	30	
tert-Amyl alcohol	BRL	100						0	0	30	
tert-Amyl methyl ether	BRL	10						0	0	30	
tert-Butyl Alcohol	BRL	100						0	0	30	
tert-Butyl formate	BRL	100						0	0	30	

Sample ID: 2205623-006ADUP	Client ID:	Units: ug/L	Prep Date: 05/14/2022	Run No: 485972							
SampleType: DUP	TestCode: Volatile Organic Compounds SW8260D	BatchID: 336274	Analysis Date: 05/15/2022	Seq No: 11295852							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0						0	0	30	
Benzene	BRL	1.0						0	0	30	
Ethylbenzene	BRL	1.0						0	0	30	
Methyl tert-butyl ether	BRL	1.0						0	0	30	
Naphthalene	BRL	5.0						0	0	30	
Toluene	BRL	1.0						0	0	30	
Xylenes, Total	BRL	1.0						0	0	30	
Surr: 4-Bromofluorobenzene	51.67	0						0	0	30	
Surr: Dibromofluoromethane	50.26	0						0	0	30	
Surr: Toluene-d8	50.86	0						0	0	30	

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336275**

Sample ID: <b>MB-336275</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485973</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336275</b>	Analysis Date: <b>05/14/2022</b>	Seq No: <b>11291812</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

3,3-Dimethyl-1-butanol  
 Ethanol  
 Ethyl tert-butyl ether  
 Isopropyl ether  
 tert-Amyl alcohol  
 tert-Amyl methyl ether  
 tert-Butyl Alcohol  
 tert-Butyl formate

BRL  
 BRL  
 BRL  
 BRL  
 BRL  
 BRL  
 BRL

100  
 100  
 10  
 10  
 100  
 10  
 100  
 100

Sample ID: <b>MB-336275</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485973</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336275</b>	Analysis Date: <b>05/14/2022</b>	Seq No: <b>11292193</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane  
 Benzene  
 Ethylbenzene  
 Methyl tert-butyl ether  
 Naphthalene  
 Toluene  
 Xylenes, Total  
 Surr: 4-Bromofluorobenzene  
 Surr: Dibromofluoromethane  
 Surr: Toluene-d8

BRL  
 BRL  
 BRL  
 BRL  
 BRL  
 BRL  
 BRL  
 51.36  
 50.05  
 50.54

1.0  
 1.0  
 1.0  
 1.0  
 5.0  
 1.0  
 1.0  
 0  
 0  
 0

50.00  
 50.00  
 50.00

103  
 100  
 101  
 70  
 70  
 70  
 130  
 130  
 130

Sample ID: <b>LCS-336275</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485973</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336275</b>	Analysis Date: <b>05/15/2022</b>	Seq No: <b>11291870</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

**Qualifiers:** > Greater than Result value  
 BRL Below reporting limit  
 J Estimated value detected below Reporting Limit  
 Rpt Lim Reporting Limit

< Less than Result value  
 E Estimated (value above quantitation range)  
 N Analyte not NELAC certified  
 S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside limits due to matrix

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336275**

Sample ID: <b>LCS-336275</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485973</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336275</b>	Analysis Date: <b>05/15/2022</b>	Seq No: <b>11291870</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

3,3-Dimethyl-1-butanol	529.2	100	500.0		106	70	130				
Ethanol	428.9	100	500.0		85.8	70	130				
Ethyl tert-butyl ether	111.2	10	100.0		111	70	130				
Isopropyl ether	113.9	10	100.0		114	70	130				
tert-Amyl alcohol	510.7	100	500.0		102	70	130				
tert-Amyl methyl ether	109.5	10	100.0		110	70	130				
tert-Butyl Alcohol	517.3	100	500.0		103	70	130				
tert-Butyl formate	536.4	100	500.0		107	70	130				

Sample ID: <b>LCS-336275</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485973</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336275</b>	Analysis Date: <b>05/15/2022</b>	Seq No: <b>11292200</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	22.52	1.0	20.00		113	70	130				
Benzene	21.70	1.0	20.00		108	70	130				
Ethylbenzene	21.68	1.0	20.00		108	70	130				
Methyl tert-butyl ether	21.69	1.0	20.00		108	70	130				
Naphthalene	20.14	5.0	20.00		101	70	130				
Toluene	21.11	1.0	20.00		106	70	130				
Xylenes, Total	64.29	1.0	60.00		107	70	130				
Surr: 4-Bromofluorobenzene	51.87	0	50.00		104	70	130				
Surr: Dibromofluoromethane	51.65	0	50.00		103	70	130				
Surr: Toluene-d8	50.92	0	50.00		102	70	130				

Sample ID: <b>2205782-003AMS</b>	Client ID: <b># 04785 - MW - 3</b>	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485973</b>							
SampleType: <b>MS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336275</b>	Analysis Date: <b>05/15/2022</b>	Seq No: <b>11293457</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

**Qualifiers:**

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336275**

Sample ID: <b>2205782-003AMS</b>	Client ID: <b># 04785 - MW - 3</b>	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485973</b>							
SampleType: <b>MS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336275</b>	Analysis Date: <b>05/15/2022</b>	Seq No: <b>11293457</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	10230	500	10000		102	72.1	135				
Benzene	19130	500	10000	9390	97.4	70.5	136				
Ethylbenzene	12290	500	10000	2200	101	70	134				
Methyl tert-butyl ether	68630	500	60000		114	65.7	136				
Naphthalene	9810	2500	10000		98.1	58.6	135				
Toluene	41830	500	10000	31550	103	66.4	140				
Xylenes, Total	46650	500	30000	17010	98.8	65.4	138				
Surr: 4-Bromofluorobenzene	26310	0	25000		105	70	130				
Surr: Dibromofluoromethane	24960	0	25000		99.8	70	130				
Surr: Toluene-d8	26360	0	25000		105	70	130				

Sample ID: <b>2205782-003AMS</b>	Client ID: <b># 04785 - MW - 3</b>	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485973</b>							
SampleType: <b>MS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336275</b>	Analysis Date: <b>05/15/2022</b>	Seq No: <b>11293527</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

3,3-Dimethyl-1-butanol	226600	50000	250000		90.6	60.1	130				
Ethanol	202800	50000	250000		81.1	61.9	140				
Ethyl tert-butyl ether	58760	5000	50000		118	71.2	122				
Isopropyl ether	59680	5000	50000		119	71	133				
tert-Amyl alcohol	225200	50000	250000	31480	77.5	69.7	140				
tert-Amyl methyl ether	55140	5000	50000		110	70.1	126				
tert-Butyl Alcohol	225400	50000	250000		90.2	67	140				
tert-Butyl formate	273100	50000	250000		109	60	134				

Sample ID: <b>2205782-031ADUP</b>	Client ID: <b># 04785 - DW - 3</b>	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485973</b>							
SampleType: <b>DUP</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336275</b>	Analysis Date: <b>05/15/2022</b>	Seq No: <b>11293985</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

**Qualifiers:**

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336275**

Sample ID: <b>2205782-031ADUP</b>	Client ID: <b># 04785 - DW - 3</b>	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485973</b>							
SampleType: <b>DUP</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336275</b>	Analysis Date: <b>05/15/2022</b>	Seq No: <b>11293985</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

3,3-Dimethyl-1-butanol	BRL	100						0	0	30	
Ethanol	BRL	100						0	0	30	
Ethyl tert-butyl ether	BRL	10						0	0	30	
Isopropyl ether	BRL	10						0	0	30	
tert-Amyl alcohol	BRL	100						0	0	30	
tert-Amyl methyl ether	BRL	10						0	0	30	
tert-Butyl Alcohol	BRL	100						0	0	30	
tert-Butyl formate	BRL	100						0	0	30	

Sample ID: <b>2205782-031ADUP</b>	Client ID: <b># 04785 - DW - 3</b>	Units: <b>ug/L</b>	Prep Date: <b>05/14/2022</b>	Run No: <b>485973</b>							
SampleType: <b>DUP</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336275</b>	Analysis Date: <b>05/15/2022</b>	Seq No: <b>11295859</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0						0	0	30	
Benzene	BRL	1.0						0	0	30	
Ethylbenzene	BRL	1.0						0	0	30	
Methyl tert-butyl ether	BRL	1.0						0	0	30	
Naphthalene	BRL	5.0						0	0	30	
Toluene	BRL	1.0						0	0	30	
Xylenes, Total	BRL	1.0						0	0	30	
Surr: 4-Bromofluorobenzene	52.39	0						0	0	30	
Surr: Dibromofluoromethane	51.62	0						0	0	30	
Surr: Toluene-d8	50.47	0						0	0	30	

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336318**

Sample ID: <b>MB-336318</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/15/2022</b>	Run No: <b>486039</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336318</b>	Analysis Date: <b>05/15/2022</b>	Seq No: <b>11294057</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

3,3-Dimethyl-1-butanol  
 Ethanol  
 Ethyl tert-butyl ether  
 Isopropyl ether  
 tert-Amyl alcohol  
 tert-Amyl methyl ether  
 tert-Butyl Alcohol  
 tert-Butyl formate

BRL  
 BRL  
 BRL  
 BRL  
 BRL  
 BRL  
 BRL

100  
 100  
 10  
 10  
 100  
 10  
 100  
 100

Sample ID: <b>MB-336318</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/15/2022</b>	Run No: <b>486039</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336318</b>	Analysis Date: <b>05/15/2022</b>	Seq No: <b>11304293</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane  
 Benzene  
 Ethylbenzene  
 Methyl tert-butyl ether  
 Naphthalene  
 Toluene  
 Xylenes, Total  
 Surr: 4-Bromofluorobenzene  
 Surr: Dibromofluoromethane  
 Surr: Toluene-d8

BRL  
 BRL  
 BRL  
 BRL  
 BRL  
 BRL  
 BRL  
 53.17  
 51.84  
 50.85

1.0  
 1.0  
 1.0  
 1.0  
 5.0  
 1.0  
 1.0  
 0  
 0  
 0

50.00  
 50.00  
 50.00

106  
 104  
 102  
 70  
 70  
 70  
 130  
 130  
 130

Sample ID: <b>LCS-336318</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/15/2022</b>	Run No: <b>486039</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336318</b>	Analysis Date: <b>05/15/2022</b>	Seq No: <b>11294056</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

**Qualifiers:** > Greater than Result value  
 BRL Below reporting limit  
 J Estimated value detected below Reporting Limit  
 Rpt Lim Reporting Limit

< Less than Result value  
 E Estimated (value above quantitation range)  
 N Analyte not NELAC certified  
 S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside limits due to matrix



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336318**

Sample ID: <b>LCS-336318</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/15/2022</b>	Run No: <b>486039</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336318</b>	Analysis Date: <b>05/15/2022</b>	Seq No: <b>11294056</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

3,3-Dimethyl-1-butanol	440.3	100	500.0		88.1	70	130				
Ethanol	515.1	100	500.0		103	70	130				
Ethyl tert-butyl ether	113.8	10	100.0		114	70	130				
Isopropyl ether	119.6	10	100.0		120	70	130				
tert-Amyl alcohol	409.3	100	500.0		81.9	70	130				
tert-Amyl methyl ether	111.5	10	100.0		111	70	130				
tert-Butyl Alcohol	429.2	100	500.0		85.8	70	130				
tert-Butyl formate	561.3	100	500.0		112	70	130				

Sample ID: <b>LCS-336318</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/15/2022</b>	Run No: <b>486039</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336318</b>	Analysis Date: <b>05/15/2022</b>	Seq No: <b>11304292</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	22.73	1.0	20.00		114	70	130				
Benzene	21.08	1.0	20.00		105	70	130				
Ethylbenzene	21.50	1.0	20.00		108	70	130				
Methyl tert-butyl ether	22.13	1.0	20.00		111	70	130				
Naphthalene	19.46	5.0	20.00		97.3	70	130				
Toluene	21.03	1.0	20.00		105	70	130				
Xylenes, Total	64.59	1.0	60.00		108	70	130				
Surr: 4-Bromofluorobenzene	52.50	0	50.00		105	70	130				
Surr: Dibromofluoromethane	51.39	0	50.00		103	70	130				
Surr: Toluene-d8	51.23	0	50.00		102	70	130				

Sample ID: <b>2205782-038AMS</b>	Client ID: <b># 04785 - SW - 6</b>	Units: <b>ug/L</b>	Prep Date: <b>05/15/2022</b>	Run No: <b>486039</b>							
SampleType: <b>MS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336318</b>	Analysis Date: <b>05/17/2022</b>	Seq No: <b>11298936</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

**Qualifiers:**

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336318**

Sample ID: <b>2205782-038AMS</b>	Client ID: <b># 04785 - SW - 6</b>	Units: <b>ug/L</b>	Prep Date: <b>05/15/2022</b>	Run No: <b>486039</b>							
SampleType: <b>MS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336318</b>	Analysis Date: <b>05/17/2022</b>	Seq No: <b>11298936</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dichloroethane	55.62	1.0	50.00		111	72.1	135				
3,3-Dimethyl-1-butanol	430.7	100	500.0		86.1	60.1	130				
Benzene	50.40	1.0	50.00		101	70.5	136				
Ethanol	481.9	100	500.0		96.4	61.9	140				
Ethyl tert-butyl ether	113.2	10	100.0		113	71.2	122				
Ethylbenzene	51.24	1.0	50.00		102	70	134				
Isopropyl ether	116.7	10	100.0		117	71	133				
Methyl tert-butyl ether	54.17	1.0	50.00		108	65.7	136				
Naphthalene	49.22	5.0	50.00		98.4	58.6	135				
tert-Amyl alcohol	492.0	100	500.0		98.4	69.7	140				
tert-Amyl methyl ether	111.1	10	100.0		111	70.1	126				
tert-Butyl Alcohol	507.0	100	500.0		101	67	140				
tert-Butyl formate	434.5	100	500.0		86.9	60	134				
Toluene	47.47	1.0	50.00		94.9	66.4	140				
Xylenes, Total	154.9	1.0	150.0		103	65.4	138				
Surr: 4-Bromofluorobenzene	52.60	0	50.00		105	70	130				
Surr: Dibromofluoromethane	52.82	0	50.00		106	70	130				
Surr: Toluene-d8	49.58	0	50.00		99.2	70	130				

Sample ID: <b>2205782-038AMSD</b>	Client ID: <b># 04785 - SW - 6</b>	Units: <b>ug/L</b>	Prep Date: <b>05/15/2022</b>	Run No: <b>486039</b>							
SampleType: <b>MSD</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336318</b>	Analysis Date: <b>05/17/2022</b>	Seq No: <b>11298937</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dichloroethane	53.62	1.0	50.00		107	72.1	135	55.62	3.66	20	
3,3-Dimethyl-1-butanol	414.2	100	500.0		82.8	60.1	130	430.7	3.92	25.3	
Benzene	47.82	1.0	50.00		95.6	70.5	136	50.40	5.25	20	
Ethanol	1042	100	500.0		208	61.9	140	481.9	73.5	29	SR
Ethyl tert-butyl ether	103.1	10	100.0		103	71.2	122	113.2	9.36	20	

**Qualifiers:**

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336318**

Sample ID: <b>2205782-038AMSD</b>	Client ID: <b># 04785 - SW - 6</b>	Units: <b>ug/L</b>	Prep Date: <b>05/15/2022</b>	Run No: <b>486039</b>
SampleType: <b>MSD</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336318</b>	Analysis Date: <b>05/17/2022</b>	Seq No: <b>11298937</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Ethylbenzene	48.54	1.0	50.00		97.1	70	134	51.24	5.41	20	
Isopropyl ether	107.5	10	100.0		107	71	133	116.7	8.20	20	
Methyl tert-butyl ether	49.45	1.0	50.00		98.9	65.7	136	54.17	9.11	17.3	
Naphthalene	49.35	5.0	50.00		98.7	58.6	135	49.22	0.264	22.7	
tert-Amyl alcohol	505.9	100	500.0		101	69.7	140	492.0	2.78	26.8	
tert-Amyl methyl ether	99.81	10	100.0		99.8	70.1	126	111.1	10.7	20	
tert-Butyl Alcohol	584.4	100	500.0		117	67	140	507.0	14.2	29.4	
tert-Butyl formate	243.6	100	500.0		48.7	60	134	434.5	56.3	18	SR
Toluene	45.17	1.0	50.00		90.3	66.4	140	47.47	4.97	20	
Xylenes, Total	149.3	1.0	150.0		99.5	65.4	138	154.9	3.69	20	
Surr: 4-Bromofluorobenzene	52.45	0	50.00		105	70	130	52.60	0	0	
Surr: Dibromofluoromethane	52.35	0	50.00		105	70	130	52.82	0	0	
Surr: Toluene-d8	49.75	0	50.00		99.5	70	130	49.58	0	0	

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336418**

Sample ID: <b>MB-336418</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/16/2022</b>	Run No: <b>486136</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336418</b>	Analysis Date: <b>05/16/2022</b>	Seq No: <b>11297413</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0									
3,3-Dimethyl-1-butanol	BRL	100									
Benzene	BRL	1.0									
Ethanol	BRL	100									
Ethyl tert-butyl ether	BRL	10									
Ethylbenzene	BRL	1.0									
Isopropyl ether	BRL	10									
Methyl tert-butyl ether	BRL	1.0									
Naphthalene	BRL	5.0									
tert-Amyl alcohol	BRL	100									
tert-Amyl methyl ether	BRL	10									
tert-Butyl Alcohol	BRL	100									
tert-Butyl formate	BRL	100									
Toluene	BRL	1.0									
Xylenes, Total	BRL	1.0									
Surr: 4-Bromofluorobenzene	50.13	0	50.00		100	70	130				
Surr: Dibromofluoromethane	51.98	0	50.00		104	70	130				
Surr: Toluene-d8	48.26	0	50.00		96.5	70	130				

Sample ID: <b>LCS-336418</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/16/2022</b>	Run No: <b>486136</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336418</b>	Analysis Date: <b>05/16/2022</b>	Seq No: <b>11297414</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	57.30	1.0	50.00		115	70	130				
3,3-Dimethyl-1-butanol	433.9	100	500.0		86.8	70	130				
Benzene	56.02	1.0	50.00		112	70	130				
Ethanol	487.0	100	500.0		97.4	70	130				
Ethyl tert-butyl ether	117.8	10	100.0		118	70	130				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336418**

Sample ID: <b>LCS-336418</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/16/2022</b>	Run No: <b>486136</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336418</b>	Analysis Date: <b>05/16/2022</b>	Seq No: <b>11297414</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ethylbenzene	55.49	1.0	50.00		111	70	130				
Isopropyl ether	119.6	10	100.0		120	70	130				
Methyl tert-butyl ether	57.30	1.0	50.00		115	70	130				
Naphthalene	54.36	5.0	50.00		109	70	130				
tert-Amyl alcohol	513.4	100	500.0		103	70	130				
tert-Amyl methyl ether	115.7	10	100.0		116	70	130				
tert-Butyl Alcohol	530.1	100	500.0		106	70	130				
tert-Butyl formate	509.9	100	500.0		102	70	130				
Toluene	55.06	1.0	50.00		110	70	130				
Xylenes, Total	166.8	1.0	150.0		111	70	130				
Surr: 4-Bromofluorobenzene	50.00	0	50.00		100	70	130				
Surr: Dibromofluoromethane	49.65	0	50.00		99.3	70	130				
Surr: Toluene-d8	50.78	0	50.00		102	70	130				

Sample ID: <b>2205D22-007AMS</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/16/2022</b>	Run No: <b>486136</b>							
SampleType: <b>MS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336418</b>	Analysis Date: <b>05/17/2022</b>	Seq No: <b>11298941</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	55.29	1.0	50.00		111	72.1	135				
3,3-Dimethyl-1-butanol	406.8	100	500.0		81.4	60.1	130				
Benzene	51.06	1.0	50.00		102	70.5	136				
Ethanol	1113	100	500.0		223	61.9	140				S
Ethyl tert-butyl ether	109.1	10	100.0		109	71.2	122				
Ethylbenzene	50.93	1.0	50.00		102	70	134				
Isopropyl ether	113.0	10	100.0		113	71	133				
Methyl tert-butyl ether	52.13	1.0	50.00		104	65.7	136				
Naphthalene	48.76	5.0	50.00		97.5	58.6	135				
tert-Amyl alcohol	499.0	100	500.0		99.8	69.7	140				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336418**

Sample ID: <b>2205D22-007AMS</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/16/2022</b>	Run No: <b>486136</b>							
SampleType: <b>MS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336418</b>	Analysis Date: <b>05/17/2022</b>	Seq No: <b>11298941</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

tert-Amyl methyl ether	105.7	10	100.0		106	70.1	126				
tert-Butyl Alcohol	589.4	100	500.0		118	67	140				
tert-Butyl formate	231.1	100	500.0		46.2	60	134				S
Toluene	48.34	1.0	50.00		96.7	66.4	140				
Xylenes, Total	151.9	1.0	150.0		101	65.4	138				
Surr: 4-Bromofluorobenzene	52.58	0	50.00		105	70	130				
Surr: Dibromofluoromethane	53.39	0	50.00		107	70	130				
Surr: Toluene-d8	50.23	0	50.00		100	70	130				

Sample ID: <b>2205D22-007AMSD</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/16/2022</b>	Run No: <b>486136</b>							
SampleType: <b>MSD</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336418</b>	Analysis Date: <b>05/17/2022</b>	Seq No: <b>11298942</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	54.81	1.0	50.00		110	72.1	135	55.29	0.872	20	
3,3-Dimethyl-1-butanol	442.1	100	500.0		88.4	60.1	130	406.8	8.32	25.3	
Benzene	49.41	1.0	50.00		98.8	70.5	136	51.06	3.28	20	
Ethanol	1045	100	500.0		209	61.9	140	1113	6.34	29	S
Ethyl tert-butyl ether	105.0	10	100.0		105	71.2	122	109.1	3.81	20	
Ethylbenzene	48.74	1.0	50.00		97.5	70	134	50.93	4.39	20	
Isopropyl ether	109.3	10	100.0		109	71	133	113.0	3.30	20	
Methyl tert-butyl ether	50.53	1.0	50.00		101	65.7	136	52.13	3.12	17.3	
Naphthalene	47.35	5.0	50.00		94.7	58.6	135	48.76	2.93	22.7	
tert-Amyl alcohol	523.0	100	500.0		105	69.7	140	499.0	4.68	26.8	
tert-Amyl methyl ether	101.4	10	100.0		101	70.1	126	105.7	4.17	20	
tert-Butyl Alcohol	619.7	100	500.0		124	67	140	589.4	5.02	29.4	
tert-Butyl formate	165.2	100	500.0		33.0	60	134	231.1	33.3	18	SR
Toluene	46.57	1.0	50.00		93.1	66.4	140	48.34	3.73	20	
Xylenes, Total	147.7	1.0	150.0		98.5	65.4	138	151.9	2.79	20	

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2205782

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 336418**

Sample ID: <b>2205D22-007AMSD</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>05/16/2022</b>	Run No: <b>486136</b>
SampleType: <b>MSD</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>336418</b>	Analysis Date: <b>05/17/2022</b>	Seq No: <b>11298942</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	51.65	0	50.00		103	70	130	52.58	0	0	
Surr: Dibromofluoromethane	53.07	0	50.00		106	70	130	53.39	0	0	
Surr: Toluene-d8	50.54	0	50.00		101	70	130	50.23	0	0	

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

End of Report

Water Quality Meter Calibration Sheet

Project: Quick Pantry 19

Personnel: Gary Long

Calibration Date: 5-4-22

Time: 1130

Meter Horiba U-52

Serial # W22MV13L

pH = 4.01 (100-4 Standard Solution)

Spec. Cond. = 4.54 mS/cm (100-4 Standard Solution)

Turb. = 0 NTU (100-4 Standard Solution)

D.O. = 7.11 mg/L (Air)

Signature 

Water Quality Meter Calibration Sheet

Project: Quick Pantry 19

Personnel: Gary Long

Calibration Date: 5-5-22

Time: 830

Meter: Horiba U-52

Serial #: W22MV13L

pH = 4.01 (100-4 Standard Solution)

Spes. Cond. = 4.54 mS/cm (100-4 Standard Solution)

Turb. = 0 NTU (100-4 Standard Solution)

D.O. = 7.11 mg/L (Air)

Signature: Gary Long

South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
 Field Data Collection Worksheet for Ground Water Sampling

Date sampled (day) 5/4/22  
 Field Manager Ar Long & G. Robinson  
 General Weather Condition sunny  
 Ambient Air Temperature 86°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW-1

Well Diameter (D) 2 inches

conversion factor (C)  $3.143 \times (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 23.5 ft.

Depth to GW (DWG) \_\_\_\_\_ ft.

Length of Water Column (LWC=TWD-DWG) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>15.40</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1215</u>
Water Temp (°F)								<u>78.4</u>
pH (s.u.)								<u>5.62</u>
Specific Cond. (mS/cm)								<u>1.742</u>
Turbidity (NTU)								<u>4.1</u>
Dissolved Oxygen (mg/L)								<u>1.72</u>
Salinity								<u>.4</u>
OVA								<u>-</u>

Sample Time: 1215

FP - 15.29 - 15.40

South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
 Field Data and Reporting for Groundwater Sampling

Date (mm/dd/yy) 5/4/22  
 Field Personnel C. Long & G. Robinson  
 General Weather Condition sunny  
 Ambient Air Temperature 86°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well ID# MW-2

Well Diameter (D) 2 inches (180)

Conversion Factor (C)  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) 15.04 ft.

Length of Water Column (LWC=TWD-DWG) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>15.04</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1200</u>
Water Temp (°F)								<u>77.6</u>
pH (s.u.)								<u>5.40</u>
Specific Cond. (mS/cm)								<u>.157</u>
Turbidity (NTU)								<u>0.7</u>
Dissolved Oxygen (mg/L)								<u>1.64</u>
Salinity								<u>.1</u>
OVA								<u>-</u>

Sample Time: 1200



South Carolina Department of Health and Environmental Control  
 Bureau of Water and Stormwater Management  
 Groundwater Sampling

Date (month/day/yr): 6/4/25  
 Field Personnel: John G. Robinson  
 General Weather Condition: sunny  
 Ambient Air Temperature: 86°  
 Facility Name: Quick Pantry # 19  
 Site ID# 04785

Quality Assurance:

Proper and Water Quality Meter Calibration Sheet attached in front of the sampling sheets

Well # MW-3  
 Well Diameter (D): 3.142 (D/2)  
 for a 2 inch well C=0.163  
 for a 4 inch well C=0.652  
 Total Well Depth (TWD) 20 ft.  
 Depth to GW (DWG) 16.12 ft.  
 Length of Water Column (LWC=TWD-DWG) \_\_\_\_\_ ft.  
 1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)  
 Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>16.12</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1335</u>
Water Temp (°F)								<u>74.1</u>
pH (s.u.)								<u>5.36</u>
Specific Cond. (mS/cm)								<u>.124</u>
Turbidity (NTU)								<u>8.7</u>
Dissolved Oxygen (mg/L)								<u>1.74</u>
Salinity								<u>.1</u>
OVA								<u>-</u>

Sample Time: 1335

South Carolina Department of Health and Environmental Control  
 Division of Environmental Storage Tank Management  
 Environmental Storage Tank Inspection and Sampling

Date (mm/dd/yyyy) 5/4/27  
 Field Operator (Full Name) G. Robinson  
 General Weather Condition sunny  
 Ambient Air Temperature 86°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # WTW-4

Well Diameter (in) 2      Well Depth (ft) 20

Corrosion Factor (C) 3.163 (19/2)

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) 15.22 ft.

Length of Water Column (LWC=TWD-DWG) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>15.22</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1350</u>
Water Temp (°F)								<u>76.2</u>
pH (s.u.)								<u>5.59</u>
Specific Cond. (mS/cm)								<u>1.577</u>
Turbidity (NTU)								<u>1.6</u>
Dissolved Oxygen (mg/L)								<u>1.62</u>
Salinity								<u>.3</u>
OVA								<u>-</u>

Sample Time: 1350

South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
 Spill Prevention and Response Unit - Ground Water Sampling

Date (mm/dd/yy) 5/9/22  
 Field Worksheet by Long & G. Robinson  
 General Weather Condition sonny  
 Ambient Air Temperature 86°  
 Facility Name Quick Pantry # 19  
 Site ID# 04/85

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW-5  
 Well Diameter (d) 2 inches  
 Correction factor (C) 3.143 (D/d)<sup>2</sup>  
 for a 2 inch well C=0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD) 20 ft.  
 Depth to GW (DWG) \_\_\_\_\_ ft.  
 Length of Water Column (LWC=TWD-DWG) \_\_\_\_\_ ft.  
 1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)  
 Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>13.82</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1405</u>
Water Temp (°F)								<u>74.5</u>
pH (s.u.)								<u>5.17</u>
Specific Cond. (mS/cm)								<u>.551</u>
Turbidity (NTU)								<u>2.3</u>
Dissolved Oxygen (mg/L)								<u>1.54</u>
Salinity								<u>.3</u>
OVA								<u>-</u>

Sample Time: 1405

FP

13.67-13.82

South Carolina Department of Health and Environmental Control  
 Bureau of Drinking and Storage Tank Management  
 Drinking Water Sampling

Date (month/day) 6/4/23  
 LQM# Galaxy E.G. Robinson  
 General Weather Condition sunny  
 Ambient Air Temperature 86  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MVE-6  
 Well Description (1" / 2" / 4" / 6" / 8" / 10" / 12" / 14" / 16" / 18" / 20" / 24" / 30" / 36" / 42" / 48" / 54" / 60" / 66" / 72" / 78" / 84" / 90" / 96" / 102" / 108" / 114" / 120" / 126" / 132" / 138" / 144" / 150" / 156" / 162" / 168" / 174" / 180" / 186" / 192" / 198" / 204" / 210" / 216" / 222" / 228" / 234" / 240" / 246" / 252" / 258" / 264" / 270" / 276" / 282" / 288" / 294" / 300" / 306" / 312" / 318" / 324" / 330" / 336" / 342" / 348" / 354" / 360" / 366" / 372" / 378" / 384" / 390" / 396" / 402" / 408" / 414" / 420" / 426" / 432" / 438" / 444" / 450" / 456" / 462" / 468" / 474" / 480" / 486" / 492" / 498" / 504" / 510" / 516" / 522" / 528" / 534" / 540" / 546" / 552" / 558" / 564" / 570" / 576" / 582" / 588" / 594" / 600" / 606" / 612" / 618" / 624" / 630" / 636" / 642" / 648" / 654" / 660" / 666" / 672" / 678" / 684" / 690" / 696" / 702" / 708" / 714" / 720" / 726" / 732" / 738" / 744" / 750" / 756" / 762" / 768" / 774" / 780" / 786" / 792" / 798" / 804" / 810" / 816" / 822" / 828" / 834" / 840" / 846" / 852" / 858" / 864" / 870" / 876" / 882" / 888" / 894" / 900" / 906" / 912" / 918" / 924" / 930" / 936" / 942" / 948" / 954" / 960" / 966" / 972" / 978" / 984" / 990" / 996" / 1000")  
 for 2 inch well C=0.163  
 for 4 inch well C=0.652  
 Total Well Depth (TWD) 20 ft.  
 Depth to GW (DWG) 13.21 ft.

**Quality Assurance:**

Please use the Quality Meter Calibration Sheet attached in front of the sampling sheets

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.  
 1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)  
 Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>13.21</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1420</u>
Water Temp (°F)								<u>73.1</u>
pH (s.u.)								<u>5.76</u>
Specific Cond. (mS/cm)								<u>.303</u>
Turbidity (NTU)								<u>2.6</u>
Dissolved Oxygen (mg/L)								<u>1.64</u>
Salinity								<u>.1</u>
OVA								<u>-</u>

Sample Time: 1420

South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
 UST Management Worksheet - Sampling

Date (mm/dd/yyyy) 5/4/22  
 Field Operator C. Long/S. Robinson  
 General Weather Condition sunny  
 Ambient Air Temperature 88  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW-7 Dup-1

Well Diameter (in) \_\_\_\_\_  
 (for 2 inch well C=0.163)  
 (for 4 inch well C=0.652)  
 Total Well Depth (TWD) 18 ft  
 Depth to GW (DWG) 8.98 ft

Quality Assurance:

Quality Assurance Worksheet Calibration Sheet attached in front of the sampling sheets

Length of Water Column (LWC=TWD-DWG) \_\_\_\_\_ ft

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>8.98</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1435</u>
Water Temp (°F)								<u>73.0</u>
pH (s.u.)								<u>5.54</u>
Specific Cond. (mS/cm)								<u>.158</u>
Turbidity (NTU)								<u>1.4</u>
Dissolved Oxygen (mg/L)								<u>1.62</u>
Salinity								<u>.1</u>
OVA								<u>—</u>

Sample Time: 1435 Dup-1-1440



South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
 Form 17-201 (Rev. 12/15) **Underground Storage Tank Sampling**

Date of Sampling: 5/4/22  
 Name of Operator: Eric Long & G. Robinson  
 General Weather Condition: sunny  
 Ambient Air Temperature: 86°  
 Facility Name: Quick Pantry # 111  
 Site ID#: 04785

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well ID: MW-7  
 Well Diameter (in): 2      Diameter (ft): 0.167  
 Conversion Factor (C): 1.183 (D/2)  
 for 2 inch well C=0.163  
 for 4 inch well C=0.652  
 Total Well Depth (TWD): 15 ft.  
 Depth to GW (DW/G): \_\_\_\_\_ ft.  
 Length of Water Column (LWC=TWD-DGW): \_\_\_\_\_ ft.  
 1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)  
 Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								10.24
Volume Purged (gallons)								0
Time (military)								1450
Water Temp (°F)								73.8
pH (s.u.)								5.48
Specific Cond. (mS/cm)								1.213
Turbidity (NTU)								1.8
Dissolved Oxygen (mg/L)								1.62
Salinity								.1
OVA								-

Sample Time: 1450

FP. 8.20 - 10.24



South Carolina Department of Health and Environmental Control  
 Bureau of Hazardous Waste Management

Sampling

Date (mm/dd/yy) 5/4/23  
 Contactor (Print Name) Lang & G. Robinson  
 General Weather Condition sunny  
 Ambient Air Temperature 83°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets

Well ID MW 9

Well Diameter (in) \_\_\_\_\_ Diameter (ft) \_\_\_\_\_

Corrosion Factor (C) 3.143 (1/2")

for 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 17.5 ft.

Depth to GW (DWG) 8.21 ft.

Length of Water Column (LWC=TWD-DWG) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>8.21</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1505</u>
Water Temp (°F)								<u>71.8</u>
pH (s.u.)								<u>5.09</u>
Specific Cond. (mS/cm)								<u>.428</u>
Turbidity (NTU)								<u>2.9</u>
Dissolved Oxygen (mg/L)								<u>1.63</u>
Salinity								<u>.2</u>
OVA								<u>—</u>

Sample Time: 1505

South Carolina Department of Health and Environmental Control  
 Division of Underground Storage Tank Management

Investigation No. 515172  
 Date of Report 5/1/95  
 General Weather Condition WINDY  
 Air (at 4' Temperature) 86  
 Facility Name Quick Mart # 101  
 Site ID# 09786

Quality Assurance:

Standard Method 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900  
 of the sampling sheets

Well # MTW-10 Dup-2

Well Description:  
 - 2 inch well C=0.163  
 - 4 inch well C=0.652  
 Total Well Depth (TWD) 12 ft.  
 Depth to GW (DWG) 1.03 ft.

Length of Water Column (LWC = TWD - DWG) 10.97 ft.

1 Csg. Volume (LWC\*C) = 10.97 x .163 = 1.7 gals.

3 Csg. Volumes = 3 x 1.7 = 5.3 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 5.5 gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW	<u>1.03</u>	<u>7.71</u>	<u>7.80</u>	<u>7.88</u>				
Volume Purged (gallons)	<u>0</u>	<u>2</u>	<u>4</u>	<u>5.5</u>				
Time (military)	<u>945</u>	<u>850</u>	<u>855</u>	<u>900</u>				
Water Temp (°F)	<u>67.3</u>	<u>65.5</u>	<u>63.7</u>	<u>63.4</u>				
pH (s.u.)	<u>5.56</u>	<u>5.52</u>	<u>5.43</u>	<u>5.91</u>				
Specific Cond. (mS/cm)	<u>.693</u>	<u>.695</u>	<u>.651</u>	<u>.644</u>				
Turbidity (NTU)	<u>1.6</u>	<u>1.7</u>	<u>9.3</u>	<u>3.3</u>				
Dissolved Oxygen (mg/L)	<u>1.67</u>	<u>1.62</u>	<u>1.54</u>	<u>1.57</u>				
Salinity	<u>.3</u>	<u>.3</u>	<u>.3</u>	<u>.3</u>				
OVA	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>				

Sample Time: 900 Dup-2 - 905

South Carolina Department of Health and Environmental Control  
 Division of Environmental Quality Management

Location: 615  
 General Weather Condition: sunny  
 Air Temperature: 86  
 Barometric Pressure: 30.1  
 Date: 03/09/05

Quality Assurance

Quality Assurance Checklist completed in front of the sampling site

Well ID: 111

Well Diameter: 4 inch  
 Total Well Depth (TWD) = 14 ft  
 Depth to GW (TWG) = 3.03 ft

Depth to GW (TWG) = 10.77 ft

1 Csg. Volume (LWC\*C) = 10.77 x .163 = 1.7 gals.  
 3 Csg. Volumes = 3 x 1.7 = 5.3 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling = 5.5 gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW	3.03	10.16	10.22	10.29				
Volume Purged (gallons)	0	2	4	5.5				
Time (military)	915	920	925	930				
Water Temp (°F)	61.7	60.1	60.4	60.1				
pH (s.u.)	6.32	6.29	6.46	6.42				
Specific Cond. (mS/cm)	.762	.960	.997	1.02				
Turbidity (NTU)	1.3	60.7	8.8	3.7				
Dissolved Oxygen (mg/L)	1.64	1.59	1.62	1.57				
Salinity	.4	.5	.5	.5				
OVA	-	-	-	-				

Sample Time: 930

South Carolina Department of Health and Environmental Control  
 Bureau of Hygiene and Disease Control Management  
 Groundwater Sampling

Date (mm/dd/yyyy) 5/4/22  
 Field Personnel C. Lynn S. Robinson  
 General Weather Condition sunny  
 Ambient Air Temperature 86°  
 Facility Name Quik Pantry # 19  
 Site ID# 04785

Well # BW-12

Well Diameter (in) \_\_\_\_\_  
 Casing Material (in) 3.143 (1/2)  
 1/2 inch well C=0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD) 17 ft  
 Depth to GW (DWG) \_\_\_\_\_ ft

Quality Assurance:

Please see Work Quality Meter Calibration Sheet attached in front of the sampling sheets.

Length of Water Column (LWC=TWD-DWG) \_\_\_\_\_ ft

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>8.41</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1615</u>
Water Temp (°F)								<u>68.4</u>
pH (s.u.)								<u>5.45</u>
Specific Cond. (mS/cm)								<u>.257</u>
Turbidity (NTU)								<u>6.3</u>
Dissolved Oxygen (mg/L)								<u>1.59</u>
Salinity								<u>.1</u>
OVA								<u>-</u>

Sample Time: 1615

FP - 7-22 - 8.41

South Carolina Department of Health and Environmental Control  
 Division of Underground Storage Tank Management  
 Under-Spill Prevention and Remediation Well Sampling

Date (mm/dd/yyyy) 5/4/23  
 Field Operator Tracy Robinson  
 General Weather Condition sunny  
 Ambient Air Temperature 85  
 Facility Name/Clark Party # 19  
 Site ID# 04785

Well # MW-13

Well Diameter (in) \_\_\_\_\_ inches  
 Conversion factor (C) =  $3.14 \times (D^2) / 4$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) 15 ft.  
 Depth to GW (DWG) 6.04 ft

Length of Water Column (LWC=TWD-DWG) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C) = \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>6.04</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1540</u>
Water Temp (°F)								<u>69.9</u>
pH (s.u.)								<u>6.00</u>
Specific Cond. (mS/cm)								<u>.511</u>
Turbidity (NTU)								<u>1.7</u>
Dissolved Oxygen (mg/L)								<u>1.72</u>
Salinity								<u>.2</u>
OVA								<u>-</u>

Sample Time: 1540



South Carolina Department of Health and Environmental Control  
 Division of Environmental Response and Remediation

Site ID: 5  
 Ground Weather Condition: sunny  
 Air Temperature: 80  
 Date: 04/16/03

Well ID: 14  
 Well Type: 1.5 inch  
 Depth to GW (DWG): 15 ft.  
 Total Volume of Water Purged Before Sampling: \_\_\_\_\_ gals.

Quality Assurance

Location of Sampling Point: \_\_\_\_\_

1 Csg. Volume (LWC\*C) = \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1130</u>
Water Temp (°F)								<u>68.4</u>
pH (s.u.)								<u>6.23</u>
Specific Cond. (mS/cm)								<u>292</u>
Turbidity (NTU)								<u>2.9</u>
Dissolved Oxygen (mg/L)								<u>1.65</u>
Salinity								<u>.1</u>
OVA								<u>-</u>

Sample Time: 1130

FP- 6.02 - 6.18



Department of Environmental Control  
 Environmental Monitoring System

Depth (meters) 5  
 Current (Weather Condition) sunny  
 Pressure (mmHg) \_\_\_\_\_  
 Air (W) \_\_\_\_\_  
 Quality Assured \_\_\_\_\_  
 of the sampling device \_\_\_\_\_

W 15  
 Micro log well C=0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD) 15 ft  
 Depth to GW (DWG) 6.34 ft  
 \_\_\_\_\_

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>6.34</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1200</u>
Water Temp (°F)								<u>67.1</u>
pH (s.u.)								<u>6.34</u>
Specific Cond. (mS/cm)								<u>.587</u>
Turbidity (NTU)								<u>1.8</u>
Dissolved Oxygen (mg/L)								<u>1.63</u>
Salinity								<u>.3</u>
OVA								<u>✓</u>

Sample Time: 1200

State of California Department of Water Resources  
 Division of Groundwater Management

Well ID# 04745  
 General Weather Conditions cloudy  
 Date 04/15

Well ID# 16  
 Total Well Depth (TWD) 15 ft  
 Depth to GW (DWG) 5.56 ft

Quality Assurance

Quality Assurance: All data to be recorded in DWH of the sampling sheets.

1 Csg. Volume (LWC\*C) = \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								5.56
Volume Purged (gallons)								0
Time (military)								1145
Water Temp (°F)								66.5
pH (s.u.)								6.13
Specific Cond. (mS/cm)								.496
Turbidity (NTU)								3.1
Dissolved Oxygen (mg/L)								1.59
Salinity								.2
OVA								-

Sample Time: 1145

South Carolina Department of Health and Environmental Control  
 Environmental Quality Assurance Unit  
 Environmental Quality Assurance Unit

Date: 8/5/99  
 Location: [unclear]  
 General Weather Conditions: sunny  
 Results of [unclear] Control # [unclear]  
 Job ID# 04/99

17  
 4 inch well C=0.652  
 Total Well Depth (TWD) 13 ft  
 Depth to GW (DWG) 0.13 ft  
 Length of Water Column (LWC) (TWD - DWG) 12.87 ft

1 Csg. Volume (LWC\*C) = 12.87 x .163 = 2 gals.  
 3 Csg. Volumes = 3 x 2 = 6 gals. (Std. Purge Volume)  
 Total Volume of Water Purged Before Sampling 6 gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW	0.13	8.36	8.44	8.70				
Volume Purged (gallons)	0	2	4	6				
Time (military)	1045	1050	1055	1100				
Water Temp (°F)	65.4	63.6	63.1	62.8				
pH (s.u.)	6.32	6.16	5.84	5.77				
Specific Cond. (mS/cm)	.369	.354	.371	.376				
Turbidity (NTU)	3.0	176	10.4	7.2				
Dissolved Oxygen (mg/L)	1.69	1.61	1.56	1.59				
Salinity	.2	.2	.2	.2				
OVA	-	-	-	-				

Sample Time: 1100

South Carolina Department of Health and Environmental Control  
 Division of Environmental Quality Management

Time (month/day) 5/5/22  
 Location (City, State, Zip) Georgetown  
 Observed Weather Condition sunny  
 W. 43.0 °C Air Temperature 56°  
 Name of the Catch Barrel # 19  
 Date ID# 04/89

Quality Assurance:

Please verify that Quality Assurance Checklist is attached in front of the sampling sheets.

Well # 18

Well Location (City, State, Zip) \_\_\_\_\_  
 Well Completion Date (MM/DD/YYYY) \_\_\_\_\_  
 For a catch well C=0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD) 14 ft.  
 Depth to GW (DWG) \_\_\_\_\_ ft.

Depth of 1st Water Sample (WD-TWD DOWN) \_\_\_\_\_ ft.  
 1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>3.11</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1030</u>
Water Temp (°F)								<u>63.2</u>
pH (s.u.)								<u>6.61</u>
Specific Cond. (mS/cm)								<u>.648</u>
Turbidity (NTU)								<u>2.5</u>
Dissolved Oxygen (mg/L)								<u>1.53</u>
Salinity								<u>.3</u>
OVA								<u>—</u>

Sample Time: 1030

2.93 - 3.11

San Joaquin Department of Health and Environmental Control  
 Department of Environmental Management

Date: 5/27

19

General Weather Condition: sunny  
 Ambient Air Temperature: 88  
 Priority Hazardous Waste Permit #: 11  
 Well ID: 04285

Well Information:  
 Well Name: well C-0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD) 15 ft  
 Depth to GW (DWG) 5.03 ft

Quality Assurance:

Initial Quality Control: All data entered on front of the sampling sheets

Length of Pipe Colored (TWD-TWE-DWG) \_\_\_\_\_ ft

1 Csg. Volume (LWC\*C) = \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								5.03
Volume Purged (gallons)								0
Time (military)								1015
Water Temp (°F)								62.3
pH (s.u.)								6.74
Specific Cond. (mS/cm)								1.545
Turbidity (NTU)								2.9
Dissolved Oxygen (mg/L)								1.68
Salinity								.3
OVA								-

Sample Time: 1015



South Carolina Department of Health and Environmental Control  
 Division of Underground Storage Tank Management

Field Number: 5/4/99  
 Date: 5/15/1999  
 General Weather Condition: sunny  
 Ambient Air Temperature: 86°  
 Facility Name: Quik Pantry # 11  
 Site ID#: 04785

Quality Assurance:

Please see Water Quality Monitoring Sheet attached in front of this sampling sheet.

Well ID: 20

Well Location: (Twp., Range, Sec.)

Well Diameter (inches): 2.00 (2.00")

1 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 13 ft

Depth to GW (DWG) 1.72 ft

Depth of Water Column (LWC=TWD-DWG) 11.28 ft

1 Csg. Volume (LWC\*C) = 11.28 x .163 = 1.8 gals.

3 Csg. Volumes = 3 x 1.8 = 5.5 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 5.5 gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW	1.72	9.12	9.26	9.35				
Volume Purged (gallons)	0	2	4	5.5				
Time (military)	1720	1725	1730	1735				
Water Temp (°F)	69.3	67.8	67.3	67.1				
pH (s.u.)	5.87	5.81	5.76	5.72				
Specific Cond. (mS/cm)	.201	.254	.274	.281				
Turbidity (NTU)	1.6	98.7	8.3	6.2				
Dissolved Oxygen (mg/L)	1.65	1.67	1.59	1.52				
Salinity	.1	.1	.1	.1				
OVA	-	-	-	-				

Sample Time: 1735



Public Health Department Health and Environmental Control  
 Division of Environmental Health Management

Accession Number: 5/5  
 Date: 5/5/05  
 General Well/Well Condition: dry  
 Purpose of Investigation: no  
 Name of Person/Company/Institution: Lab # 14426

Well ID: 21  
 Well Type: 4 inch well C=0.652  
 Total Well Depth (TWD): 15 ft  
 Depth to GW (DWG): 6.74 ft

Quality Assurance:  
 Name of Inspector: Michael A. Ford  
 of Inspecting State

1 Csg. Volume (LWC\*C) = \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>6.74</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1215</u>
Water Temp (°F)								<u>66.9</u>
pH (s.u.)								<u>6.82</u>
Specific Cond. (mS/cm)								<u>1.449</u>
Turbidity (NTU)								<u>0.7</u>
Dissolved Oxygen (mg/L)								<u>1.56</u>
Salinity								<u>.2</u>
OVA								<u>-</u>

Sample Time: 1215

South Carolina Department of Health and Environmental Control  
 Division of Environmental Management  
 Hazardous Waste Site Remediation Sampling

Date (mm/dd/yyyy) 5/4/22  
 EPHI Project # VL Wong & G. Robinson  
 General Weather Condition sunny  
 Ambient Air Temperature 85°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # AW2

Well Diameter (in) \_\_\_\_\_

Well Construction (1) \_\_\_\_\_

for 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft

Depth to GW (DWG) 5.04 ft

Length of Water Column (LWC=TWD-DWG) \_\_\_\_\_ ft

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

Quality Assurance:

Manufacturer Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>5.04</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1630</u>
Water Temp (°F)								<u>71.7</u>
pH (s.u.)								<u>5.75</u>
Specific Cond. (mS/cm)								<u>.479</u>
Turbidity (NTU)								<u>2.2</u>
Dissolved Oxygen (mg/L)								<u>1.60</u>
Salinity								<u>.2</u>
OVA								<u>-</u>

Sample Time: 1630

South Carolina Department of Health and Environmental Control  
 Division of Environmental Quality, Tank Management

Date (mm/dd/yyyy) 5/4/22  
 Facility Name: Quik Pantry # 19  
 Site ID# U4785  
 General Weather Condition: Windy  
 Ambient Air Temperature: 86°

Well ID: MW-23  
 Well Class (G1):  
 for a 2 inch well C=0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD) 15 ft  
 Depth to GW (DWG) 6.64 ft  
 Length of Water Column (LWC = TWD - DWG) \_\_\_\_\_ ft  
 1 Csg. Volume (LWC\*C) = \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)  
 Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

Quality Assurance:

Check-out Water Quality Meter Calibration Sheet attached in front of the sampling sheets

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								6.64
Volume Purged (gallons)								0
Time (military)								1720
Water Temp (°F)								67.6
pH (s.u.)								5.79
Specific Cond. (mS/cm)								.217
Turbidity (NTU)								2.4
Dissolved Oxygen (mg/L)								1.75
Salinity								.1
OVA								-

Sample Time: 1720

South Carolina Department of Health and Environmental Control  
 Division of Hazardous Waste Management

Date/Time/Day: 5/4/22  
 Location: 141 Long & Gal Robinson  
 General Weather Condition: sunny  
 Ambient Air Temperature: 80  
 Facility Name: Chuck Parody # 19  
 Site ID#: 04785

Well #: WVE-24

Well Completion: 3 inch (3")  
 (3 inch well C=0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD) 15 ft.  
 Depth to GW (DWG) 6.96 ft.

Quality Assurance:

Check the Water Quality Meter Calibration Signal attached in front of the sampling sheets.

Length of Water Column (LWC = TWD - DWG) \_\_\_\_\_ ft.

1 Csg. Volume (LWC \* C) = \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								6.96
Volume Purged (gallons)								0
Time (military)								1645
Water Temp (°F)								67.5
pH (s.u.)								5.72
Specific Cond. (mS/cm)								.196
Turbidity (NTU)								4.9
Dissolved Oxygen (mg/L)								1.71
Salinity								.1
OVA								/

Sample Time: 1645

South Carolina Department of Health and Environmental Control  
 Bureau of Environmental Quality, Groundwater Management

Wells (numbered) 5  
 General Weather Condition cloudy  
 ambient air temperature 96  
 Facility Name/Exact Point # 19  
 Site ID# 04789

Well ID AW-25  
 Well Description AW-25  
 Well Diameter (in) 4  
 Well Depth (ft) 16  
 Total Well Depth (TWD) 16 ft  
 Depth to GW (DWG) 4.15 ft

Quality Assurance:

AW-25 Quality Assurance Checklist attached in front of the sampling sheets

Length of Water Column (LWC = TWD - DWG) 11.85

1 Csg. Volume (LWC \* C) =  $11.85 \times .163 = 1.9$  gals.  
 3 Csg. Volumes =  $3 \times 1.9 = 5.8$  gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 6 gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW	4.15	11.78	11.78	11.96				
Volume Purged (gallons)	0	2	4	6				
Time (military)	930	935	940	945				
Water Temp (°F)	60.3	59.5	60.6	60.3				
pH (s.u.)	6.69	6.61	6.39	6.32				
Specific Cond. (mS/cm)	.409	.755	.791	.797				
Turbidity (NTU)	2.2	71.3	7.9	3.6				
Dissolved Oxygen (mg/L)	1.67	1.70	1.63	1.58				
Salinity	.2	.4	.4	.4				
OVA	-	-	-	-				

Sample Time: 945



South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
 Form 15.97-16.34 (Rev. 9/10) Ground Water Sampling

Date (mm/dd/yy): 5/11/22  
 Well Name: Quick Pantry # 19  
 General Weather Condition: sunny  
 Ambient Air Temperature: 86  
 Facility Name: Quick Pantry # 19  
 Site ID#: 04785

Well # 00 Rw-1  
 Well Diameter (D): 4 inches  
 Conversion Factor (C):  $3.142 \times (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD) 20 ft.  
 Depth to GW (DWG) \_\_\_\_\_ ft.

Length of Water Column (LWC=TWD-DWG) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .652 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

Quality Assurance:  
 Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>16.34</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1245</u>
Water Temp (°F)								<u>77.3</u>
pH (s.u.)								<u>5.26</u>
Specific Cond. (mS/cm)								<u>.357</u>
Turbidity (NTU)								<u>2.4</u>
Dissolved Oxygen (mg/L)								<u>1.67</u>
Salinity								<u>.2</u>
OVA								<u>-</u>

Sample Time: 1245

FP - 15.97 - 16.34



South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
 Field Data Information for Field "A" for Sampling

Date (mm/dd/yy) 5/4/22  
 Field Personnel E. Long & G. Robinson  
 General Weather Condition sunny  
 Ambient Air Temperature 86°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # W-2  
 Well Diameter (D) 4 inches  
 conversion factor(C): 3.143\*(D/2)<sup>2</sup>  
 10 to 2 inch well C=0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD) 20 ft.  
 Depth to GW (DWG) 14.88 ft.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Length of Water Column (LWC=TWD-DWG) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .652 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>14.88</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1230</u>
Water Temp (°F)								<u>78.8</u>
pH (s.u.)								<u>4.35</u>
Specific Cond. (mS/cm)								<u>.054</u>
Turbidity (NTU)								<u>3.9</u>
Dissolved Oxygen (mg/L)								<u>1.67</u>
Salinity								<u>0</u>
OVA								<u>-</u>

Sample Time: 1230

South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
 Field Data Report Form for Ground Water Sampling

Date/Time/Day: 5/4/77  
 Field Location: Ft. Long (S.G. Robinson)  
 General Weather Condition: sunny  
 Ambient Air Temperature: 80  
 Facility Name: Quick Pantry # 19  
 Site ID#: 04785

Well # ~~00~~ Rw-3  
 Well Diameter (D): 4 inches  
 Conversion factor (C): 3.143 (D/2)  
 for a 2 inch well C=0.183  
 4 inch well C=0.652  
 Total Well Depth (TWD) 20 ft.  
 Depth to GW (DWG) 15.16 ft.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x ~~0.183~~<sup>0.652</sup> = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								15.16
Volume Purged (gallons)								0
Time (military)								1300
Water Temp (°F)								76.9
pH (s.u.)								5.35
Specific Cond. (mS/cm)								.662
Turbidity (NTU)								1.1
Dissolved Oxygen (mg/L)								1.71
Salinity								.3
OVA								-

Sample Time: 1300

South Carolina Department of Health and Environmental Control  
 Bureau of Wastewater Management - Tank Management  
 Wastewater Treatment Plant - Chemical Sampling

Date (mm/dd/yyyy) 5/4/22  
 Field Operator C. Lynn G. Robinson  
 General Weather Condition sunny  
 Ambient Air Temperature 86°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well ID# DW-1  
 Well Diameter (D) \_\_\_\_\_ inches  
 Well Construction (C) 3.143\*(D/2)<sup>2</sup>  
 for a 2 inch well C=0.163  
 for a 4 inch well C=0.652  
 Total Well Depth (TWD) 45 ft.  
 Depth to GW (DWG) 16.36 ft.  
 Length of Water Column (LWC=TWD-DWG) 28.64 ft.  
 1 Csg. Volume (LWC\*C) = 28.64 x .163 = 4.6 gals.  
 3 Csg. Volumes = 3 x 4.6 = 14 gals. (Std. Purge Volume)  
 Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW	<u>16.36</u>	<u>43.79</u>	<u>43.85</u>	<u>43.92</u>				
Volume Purged (gallons)	<u>0</u>	<u>4.5</u>	<u>9</u>	<u>14</u>				
Time (military)	<u>1305</u>	<u>1310</u>	<u>1315</u>	<u>1320</u>				
Water Temp (°F)	<u>77.9</u>	<u>75.1</u>	<u>73.4</u>	<u>73.1</u>				
pH (s.u.)	<u>5.95</u>	<u>6.12</u>	<u>5.98</u>	<u>5.92</u>				
Specific Cond. (mS/cm)	<u>.316</u>	<u>.296</u>	<u>.300</u>	<u>.305</u>				
Turbidity (NTU)	<u>1.6</u>	<u>1.59</u>	<u>2.1</u>	<u>2.6</u>				
Dissolved Oxygen (mg/L)	<u>1.69</u>	<u>1.62</u>	<u>1.57</u>	<u>1.54</u>				
Salinity	<u>.1</u>	<u>.1</u>	<u>.1</u>	<u>.1</u>				
OVA	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>				

Sample Time: 1320

South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management

Underground Storage Tank Sampling

Date (mm/dd/yyyy): 5/4/22  
 Lead Inspector: [Signature] W. Robinson  
 General Weather Conditions: sunny  
 Ambient Air Temperature: 86°  
 Facility Name/Clark Pantry #: 19  
 Site ID#: 04785

Quality Assurance

Review of Multi-Point Quality Meter Calibration Sheet attached in front of the sampling sheets

Well ID: ~~001~~ Sw-2

Well Diameter (in): 4 inches

Construction Material: 4" IPS (0.016)

3 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 40 ft.

Depth to GW (DWG) 8.14 ft.

Length of Water Column (LWC=TWD-DWG) 31.86 ft.

1 Csg. Volume (LWC\*C) = 31.86 x .163 = 5.1 gals.

3 Csg. Volumes = 3 x 5.1 = 15.3 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 15.5 gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW	8.14	37.09	37.19	37.25				
Volume Purged (gallons)	0	5	10	15.3				
Time (military)	1545	1550	1555	1600				
Water Temp (°F)	71.2	68.1	67.7	68.1				
pH (s.u.)	5.98	6.21	5.96	5.93				
Specific Cond. (mS/cm)	.299	.304	.309	.313				
Turbidity (NTU)	3.2	1.42	8.6	5.2				
Dissolved Oxygen (mg/L)	1.68	1.63	1.62	1.58				
Salinity	.1	.1	.1	.1				
OVA	-	-	-	-				

Sample Time: 1600



South Carolina Department of Health and Environmental Control  
 Bureau of Hydrogeology & Ground Water Management  
 Groundwater Sampling

Date (mm/dd/yyyy) 5/4/22  
 Field Personnel: Van Brown & G. Robinson  
 General Weather Condition: sunny  
 Ambient Air Temperature: 86°  
 Facility Name: Quick Pantry # 19  
 Site ID#: 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets

Well # ~~000~~ DW-3

Well Diameter (in) \_\_\_\_\_ inches  
 Casing (inches) 3.143 (1/2)  
 2 inch well C=0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD) 40 ft.  
 Depth to GW (DWG) 5.79 ft.

Length of Water Column (LWC=TWD-DWG) 34.21 ft

1 Csg. Volume (LWC\*C)= 34.21 x .163 = 5.5 gals.

3 Csg. Volumes = 3 x 5.5 = 16.5 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 16.5 gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW	5.79	37.17	37.26	37.33				
Volume Purged (gallons)	0	5.5	11	16.5				
Time (military)	1510	1515	1520	1525				
Water Temp (°F)	76.1	<del>68.0</del> 69.0	68.8	68.5				
pH (s.u.)	5.94	<del>6.05</del> 5.96	6.01	6.07				
Specific Cond. (mS/cm)	.251	<del>2.266</del> 2.266	.236	.229				
Turbidity (NTU)	0.8	<del>92.7</del> 92.7	7.7	3.9				
Dissolved Oxygen (mg/L)	1.63	<del>1.64</del> 1.64	1.62	1.58				
Salinity	.1	<del>.1</del> .1	.1	.1				
OVA	-	✓	-	-				

Sample Time: 1525

South Carolina Department of Health and Environmental Control  
 Division of Environmental Quality Management

Groundwater Sampling

Date: 5/4/77  
 Field Location: W-1000 #3, Robinson  
 General Weather Conditions: sunny  
 Ambient Air Temperature: 83°  
 Family Name (Creek) Party # 19  
 Site ID# 04785

Well ID: ~~W-1000~~ W-4  
 Well Location (E, S, N, W, R, D, C):  
 Well Screen Interval (E, S, N, W, R, D, C):  
 Well 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) 25 ft.  
 Depth to GW (DWG) 6.83 ft.

Quality Assurance:

Manufacturer's Data Sheet, Meter Calibration Sheet attached in front of the sampling sheets.

Length of Water Column (LWC = TWD - DWG) 18.17 ft.

1 Csg. Volume (LWC \* C) = 18.17 x .163 = 2.9 gals.  
 3 Csg. Volumes = 3 x 2.9 = 8.8 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 9 gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW	6.83	23.41	23.56	23.72				
Volume Purged (gallons)	0	3	6	9				
Time (military)	1650	1655	1700	1705				
Water Temp (°F)	76.9	68.5	67.9	67.6				
pH (s.u.)	6.05	5.93	5.88	5.81				
Specific Cond. (mS/cm)	.241	.268	.269	.273				
Turbidity (NTU)	2.7	155	9.3	5.7				
Dissolved Oxygen (mg/L)	1.68	1.66	1.56	1.59				
Salinity	.1	.1	.1	.1				
OVA	-	-	-	-				

Sample Time: 1705



South Carolina Department of Health and Environmental Control  
 Division of Environmental Hygiene / Waste Management

Transmittal No. 515 / 27  
 Field Operator: John J. Robinson  
 General Weather Condition: sunny  
 Ambient Air Temperature: 86°  
 Sample Name: Crack Pantry # 19  
 Site ID# 04785

Well # SW-1

Well Diameter (in): \_\_\_\_\_  
 Well Diameter (ft): \_\_\_\_\_  
 2 inch well C=0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD): \_\_\_\_\_ ft  
 Depth to GW (DWG): \_\_\_\_\_ ft  
 Length of Water Column (LWC = TWD - DWG) \_\_\_\_\_ ft

1 Csg. Volume (LWC\*C) = \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

Quality Assurance:  
 Properly calibrated water calibration check attached in front  
 of the sampling sheets

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								0
Time (military)								915
Water Temp (°F)								63.7
pH (s.u.)								6.39
Specific Cond. (mS/cm)								.474
Turbidity (NTU)								48.6
Dissolved Oxygen (mg/L)								1.59
Salinity								.2
OVA								/

Sample Time: 915

South Carolina Department of Health and Environmental Control  
 Division of Hazardous Site and Waste Management

Date of Sampling: 5/5/22  
 Field Supervisor: Eric Robinson  
 General Weather Condition: Bunny  
 Air, Soil or Air Temperature: 80°  
 Sample Name: Druck Party # 19  
 Site ID#: 04785

Well ID: SW-2

Well Diameter: 4 inch  
 Screen Length: 3.347 (ft)  
 2 inch well C=.163  
 4 inch well C=0.652  
 Total Well Depth (TWD): \_\_\_\_\_ ft  
 Depth to GW (DWG): \_\_\_\_\_ ft

Quality Assurance:

Use of a 100% Quality Assurance Calibration Standard attached to front of the sampling sheets.

Volume of Water Column (LWC+TWD+DWG) \_\_\_\_\_ ft

1 Csg. Volume (LWC+C) = \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1000</u>
Water Temp (°F)								<u>63.8</u>
pH (s.u.)								<u>6.54</u>
Specific Cond. (mS/cm)								<u>1.02</u>
Turbidity (NTU)								<u>38.7</u>
Dissolved Oxygen (mg/L)								<u>1.58</u>
Salinity								<u>.5</u>
OVA								<u>-</u>

Sample Time: 1000

South Carolina Department of Health and Environmental Control  
 Division of Environmental Health and Safety Management

Well ID# 04/85  
 General Weather Condition sunny  
 Air Temp 86  
 Sample Date 04/85

Quality Assurance:

Check for leaks in the water distribution system at the front of the sampling sheet.

SW-3

Well Location: \_\_\_\_\_  
 Well ID# 04/85  
 for a 2 inch well C=0.163  
 for a 4 inch well C=0.652  
 Total Well Depth (TWD) \_\_\_\_\_ ft  
 Depth to GW (DWG) \_\_\_\_\_ ft

1 Csg. Volume (LWC\*C) = \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1045</u>
Water Temp (°F)								<u>65.1</u>
pH (s.u.)								<u>6.59</u>
Specific Cond. (mS/cm)								<u>.912</u>
Turbidity (NTU)								<u>48.3</u>
Dissolved Oxygen (mg/L)								<u>1.52</u>
Salinity								<u>1.4</u>
OVA								<u>-</u>

Sample Time: 1045

Quality Control Department (Health and Environmental Control)  
 Division of Environmental Control, Water Management

Investigation No. 575  
 Date of Collection 11/15/77  
 General Weather Condition Sunny  
 Ambient Air Temperature 80  
 Exact Address (Well or Point) # 19  
 Well ID# 04882

Quality Assurance:

Check to see that all 15-16 OMB-200 Sheets are attached in front of the sampling sheets.

Well ID# SW-4

Well Description  
 Diameter (inches) 2.0  
 2 inch well C=0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD) \_\_\_\_\_ ft  
 Depth to GW (DWG) \_\_\_\_\_ ft  
 Length of the Column (LWC-TWD-DWG) \_\_\_\_\_ ft

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1115</u>
Water Temp (°F)								<u>65.7</u>
pH (s.u.)								<u>6.16</u>
Specific Cond. (mS/cm)								<u>539</u>
Turbidity (NTU)								<u>48.8</u>
Dissolved Oxygen (mg/L)								<u>1.70</u>
Salinity								<u>.3</u>
OVA								<u>-</u>

Sample Time: 1115

South Carolina Department of Health and Environmental Control  
 Division of Environmental Quality Management

Date (mm/dd/yyyy) 8/5/22

8/5/22

Location: 10000 S. Highway 170, Santee, SC 29686

General Weather Conditions: sunny

Air Temperature: 85°

Photo taken: Black Pantry # 19

Site ID# 04785

Quality Assurance:

Minimum Quality Assurance Checks checked in front of the sampling site.

SW-5

Well ID#

Well Name

2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) \_\_\_\_\_ ft

Depth to GW (DWG) \_\_\_\_\_ ft

Length of Casing (LWC=TWD-DWG) \_\_\_\_\_ ft

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								0
Time (military)								1230
Water Temp (°F)								66.0
pH (s.u.)								6.44
Specific Cond. (mS/cm)								1.514
Turbidity (NTU)								17.4
Dissolved Oxygen (mg/L)								1.55
Salinity								.2
OVA								-

Sample Time: 1230





## APPENDIX C

### Tax Map / Regional Geology

## APPENDIX D

### Field Screening Logs

## APPENDIX E

### Well Logs

## APPENDIX F

### Aquifer Calculations

**Appendix F**  
**Historical Ground Water Levels**  
**Quick Pantry # 19**  
**Greenwood, SC**

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-1	8/25/21	623.56	X-28.5	17.06	17.75	0.69	FP
	9/1/21			17.35	18.02	0.67	FP
	10/12/21			18.10	19.29	1.19	FP
	5/4/22			15.29	15.40	0.11	FP
MW-2	8/25/21	623.38	10-20	17.03	18.36	1.33	FP
	9/1/21			17.32	18.51	1.19	FP
	10/12/21			18.03	19.32	1.29	FP
	5/4/22			--	15.04	--	608.34
MW-3	8/25/21	625.10	10-20	18.31	18.35	0.04	FP
	9/1/21			18.51	18.56	0.05	FP
	10/12/21			19.42	19.47	0.05	FP
	5/4/22			--	16.12	--	608.98
MW-4	8/25/21	623.30	10-20	16.98	18.98	2.0	FP
	9/1/21			17.18	19.19	2.01	FP
	10/12/21			18.16	19.49	1.33	FP
	5/4/22			--	15.22	--	608.08
MW-5	8/25/21	622.12	10-20	15.27	17.73	2.46	FP
	9/1/21			15.38	17.92	2.54	FP
	10/12/21			16.48	18.27	1.79	FP
	5/4/22			13.67	13.82	0.15	FP
MW-6	8/25/21	622.84	10-20	--	14.35	--	608.49
	9/1/21			--	14.49	--	608.35
	10/12/21			--	14.83	--	608.01
	5/4/22			--	13.21	--	609.63
MW-7	8/25/21	614.92	8-18	11.45	11.92	0.47	FP
	9/1/21			11.59	11.87	0.28	FP
	10/12/21			12.23	12.25	0.02	FP
	5/4/22			--	8.98	--	605.94
MW-8	8/25/21	615.10	5-15	10.45	13.53	3.08	FP
	9/1/21			10.63	13.89	3.26	FP
	10/12/21			11.70	13.36	1.66	FP
	5/4/22			8.20	10.24	2.04	FP
MW-9	8/25/21	615.58	7.5-17.5	11.03	11.09	0.06	FP
	9/1/21			11.32	11.36	0.04	FP
	10/12/21			11.71	11.82	0.11	FP
	5/4/22			--	8.21	--	607.37
MW-10	8/25/21	608.68	2-12	--	3.62	--	605.06
	9/1/21			--	4.08	--	604.60
	10/12/21			--	4.52	--	604.16
	5/5/22			--	1.03	--	607.65
MW-11	8/25/21	606.78	4-14	--	6.76	--	600.02
	9/1/21			--	7.06	--	599.72
	10/12/21			--	7.34	--	599.44
	5/5/22			--	3.03	--	603.75

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-12	8/25/21	611.62	7-17	10.30	10.49	0.19	FP
	9/1/21			10.39	10.95	0.56	FP
	10/12/21			10.31	13.45	3.14	FP
	5/4/22			7.22	8.41	1.19	FP
MW-13	8/25/21	610.45	5-15	7.91	11.18	3.21	FP
	9/1/21			8.08	11.22	3.14	FP
	10/12/21			9.06	10.99	1.93	FP
	5/4/22			--	6.04	--	604.41
MW-14	8/25/21	608.36	5-15	8.01	10.38	2.37	FP
	9/1/21			8.07	10.32	2.25	FP
	10/12/21			9.12	9.93	0.81	FP
	5/5/22			6.02	6.18	0.16	FP
MW-15	9/1/21	610.20	5-15	--	7.89	--	602.31
	10/12/21			--	8.09	--	602.11
	5/5/22			--	6.34	--	603.86
MW-16	9/1/21	605.95	5-15	--	7.78	--	598.17
	10/12/21			--	8.23	--	597.72
	5/5/22			--	5.56	--	600.39
MW-17	8/25/21	601.53	3-13	3.78	3.81	0.03	FP
	9/1/21			3.94	3.99	0.05	FP
	10/12/21			--	4.47	--	597.06
	5/5/22			--	0.13	--	601.40
MW-18	8/25/21	604.03	4-14	6.27	6.31	0.04	FP
	9/1/21			6.37	6.42	0.05	FP
	10/12/21			4.14	13.63	9.49	FP
	5/5/22			2.93	3.11	0.18	FP
MW-19	9/1/21	605.81	5-15	--	9.07	--	596.74
	10/12/21			--	9.46	--	596.35
	5/5/22			--	5.03	--	600.78
MW-20	9/1/21	601.51	3-13	--	5.41	--	596.10
	10/12/21			--	6.08	--	595.43
	5/4/22			--	1.72	--	599.79
MW-21	9/1/21	604.50	5-15	--	8.91	--	595.59
	10/12/21			--	8.68	--	595.82
	5/5/22			--	6.74	--	597.76
MW-22	9/1/21	600.57	5-15	--	8.81	--	591.76
	10/12/21			--	9.38	--	591.19
	5/4/22			--	5.04	--	595.53
MW-23	9/1/21	602.51	5-15	--	10.71	--	591.80
	10/12/21			--	11.26	--	591.25
	5/4/22			--	6.64	--	595.87
MW-24	9/1/21	602.73	5-15	--	11.60	--	591.13
	10/12/21			--	11.60	--	591.13
	5/4/22			--	6.96	--	595.77
MW-25	8/25/21	606.98	6-16	--	8.23	--	598.75
	9/1/21			--	8.31	--	598.67
	10/12/21			--	8.72	--	598.26
	5/5/22			--	4.15	--	602.83
RW-1	9/1/21	624.54	10-20	18.35	19.22	0.87	FP
	10/12/21			19.20	19.66	0.46	FP
	5/4/22			15.97	16.34	0.37	FP



<b>Monitoring Well</b>	<b>Date</b>	<b>TOC Elevation</b>	<b>Screened Interval</b>	<b>TOC to FP</b>	<b>TOC to GW</b>	<b>Free Product Thickness</b>	<b>GW Elevation</b>
RW-2	9/1/21	623.44	10-20	17.27	18.12	0.85	<b>FP</b>
	10/12/21			18.11	19.15	1.04	<b>FP</b>
	5/4/22			--	14.88	--	608.56
RW-3	9/1/21	623.34	10-20	17.48	18.25	0.77	<b>FP</b>
	10/12/21			18.26	19.16	0.90	<b>FP</b>
	5/4/22			--	15.16	--	608.18
DW-1	9/1/21	624.84	40-45	--	18.87	--	605.97
	10/12/21			--	19.73	--	605.11
	5/4/22			--	16.36	--	608.48
DW-2	9/1/21	611.79	35-40	--	9.46	--	602.33
	10/12/21			--	10.11	--	601.69
	5/4/22			--	8.14	--	603.65
DW-3	9/1/21	610.33	35-40	--	8.69	--	601.64
	10/12/21			--	9.29	--	601.04
	5/4/22			--	5.79	--	604.54
DW-4	9/1/21	602.27	20-25	--	10.47	--	591.80
	10/12/21			--	10.97	--	591.30
	5/4/22			--	6.83	--	595.44

## APPENDIX G

### Disposal Manifest

**NON-HAZARDOUS WASTE MANIFEST**

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Behrman Mfg LLC  
511 Atlanta Pk. Blvd. Marietta, GA

Ruck Pk. Hwy #19  
1802 S. Pr. T. Greenville SC

Generator's Phone:

6. Transporter 1 Company Name

U.S. EPA ID Number

KEL Environmental LLC

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

U.S. EPA ID Number

US Water Recovery  
511 Old Mt. Holly Rd. Goose Creek, SC 29445

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

No.

Type

1. Ruck water for Ruck Pk. Hwy #19 on hold pending main disposal amount of 1800 gal.

83.5 gal

2.

3.

4.

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name

Signature

Month Day Year

Andrew Robinson

[Signature]

5 6 22

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Andrew Robinson

[Signature]

5 6 22

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space  Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

## APPENDIX H

### Zoning Information

## APPENDIX I

### Fate and Transport Modeling

## APPENDIX J

### Access Agreements



## APPENDIX K

### Checklist

**Contractor Checklist**

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the No box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	✓		
2	Is UST Owner/Operator name, address, & phone number provided?	✓		
3	Is name, address, & phone number of current property owner provided?	✓		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	✓		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?			✓
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	✓		
7	Has the facility history been summarized?	✓		
8	Has the regional geology and hydrogeology been described?	✓		
9	Are the receptor survey results provided as required?	✓		✓
10	Has current use of the site and adjacent land been described?	✓		✓
11	Has the site-specific geology and hydrogeology been described?			✓
12	Has the primary soil type been described?			✓
13	Have field screening results been described?			✓
14	Has a description of the soil sample collection and preservation been detailed?			✓
15	Has the field screening methodology and procedure been detailed?			✓
16	Has the monitoring well installation and development dates been provided?			✓
17	Has the method of well development been detailed?			✓
18	Has justification been provided for the locations of the monitoring wells?			✓
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	✓		
20	Has the groundwater sampling methodology been detailed?	✓		
21	Have the groundwater sampling dates and groundwater measurements been provided?	✓		
22	Has the purging methodology been detailed?	✓		
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?	✓		
24	If free-product is present, has the thickness been provided?	✓		
25	Does the report include a brief discussion of the assessment done and the results?	✓		
26	Does the report include a brief discussion of the aquifer evaluation and results?			✓
27	Does the report include a brief discussion of the fate & transport models used?			✓



Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			✓
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			✓
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			✓
31	Have recommendations for further action been provided and explained?	✓		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			✓
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	✓		
34	Has the current and historical laboratory data been provided in tabular format?	✓		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			✓
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			✓
37	Has the topographic map been provided with all required elements? (Figure 1)	✓		
38	Has the site base map been provided with all required elements? (Figure 2)	✓		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	✓		
40	Has the site potentiometric map been provided? (Figure 5)	✓		
41	Have the geologic cross-sections been provided? (Figure 6)			✓
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			✓
43	Has the site survey been provided and include all necessary elements? (Appendix A)	✓		
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)	✓		
45	Is the laboratory performing the analyses properly certified?	✓		
46	Has the tax map been included with all necessary elements? (Appendix C)			✓
47	Have the soil boring/field screening logs been provided? (Appendix D)			✓
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)			✓
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			✓
50	Have the disposal manifests been provided? (Appendix G)	✓		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			✓
52	Has all fate and transport modeling been provided? (Appendix I)			✓
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			✓
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	✓		

Explanation for missing and incomplete information?





**AFVR Audit Form**  
**Underground Storage Tank Management Division**

**RESULTS:**  
 Satisfactory  
 Issues

Date: 6/9/2022 Project Manager: Reed Miner DHEC Field Staff: Zachary Griffith  
 Contractor: KLM Environmental Contractor Field Staff: Chris  
 Site Number: 04785 Site Name: Quick Pantry 19  
 Time Arrived at Site: 1:17 pm Time Leaving Site: 1:45 Weather Conditions: Sunny, hot

1. Operator on site?..... YES  NO
2. Proper safety devices employed (e.g. traffic cones, barriers, etc.)? ... YES  NO
3. Correct extraction well(s) being used? ..... YES  NO *MW-1 RW-2*
4. Vacuum gauge(s) installed on extraction well(s)? ..... YES  NO
5. Vacuum gauge(s) installed on adjacent monitoring well(s)? ..... YES  NO *high traffic area, connect to get readings*
6. AFVR unit connected to grounded metal object?..... YES  NO
7. Stinger(s) set at target depth(s)?..... YES  NO *No targeted depth specified*
8. Other extraction and monitoring well(s) sealed? ..... YES  NO
9. Data recorded at appropriate time intervals? ..... YES  NO Last two recorded times?  YES  NO
10. Off-gas treatment (if applicable)? ..... YES  NO
11. Complete Data Records:
  - Stinger Depth
  - Airflow Rate/Velocity
  - Vacuum Readings for Extraction Well(s)
  - Vacuum Readings for Adjacent Monitoring Well(s)
  - Water Level Measurement for Adjacent Monitoring Well(s)
  - Pre-treatment Vapor Concentration Measurements
  - Post-treatment Vapor Concentration Measurements



Signature: Zachary Griffith Date: 6/9/2022

Notes: Day 3 of first 96-hr AFVR Event. (Five 96-hr Events Scheduled)

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BAHUCHAR MATA LLC  
ATTN MIKE PATEL  
311 OARMOTE CIRCLE  
GREENWOOD SC 29649

JUL 13 2022

Re: **Monitoring Report Review**  
Quick Pantry #19, 1802 S Main St., Greenwood, SC  
UST Permit #04785; CA #65289 & CA #65290  
Release #2 and #3 reported March 9, 2021 and September 28, 2021  
Monitoring Report received June 6, 2022  
Greenwood County

Dear Mr. Patel:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced Monitoring Report documenting the most recent groundwater sampling activities.

In accordance with the Site-Specific Work Plan Approval and Notice to Proceed dated April 6, 2022, the next groundwater sampling event may proceed with sampling to occur around August 19, 2022. **The next quarterly Monitoring Report, contractor checklist (QAPP Appendix K), and invoice should be submitted on or before September 19, 2022.** Please notify the UST Project Manager and the UST Quality Assurance Coordinator at least 7 days prior to any field activities.

On all correspondence regarding this site, please reference the UST Permit number above. Should you have any questions, please contact me by phone at (803) 898-0608, by fax at (803) 898-0673, or by email at [minerrs@dhec.sc.gov](mailto:minerrs@dhec.sc.gov).

Sincerely,

*Read S. Miner*

Read S. Miner, P.G., Hydrogeologist  
Corrective Action & Field Support Section  
Underground Storage Tank Management Division  
Bureau of Land and Waste Management

cc: KLM Environmental, LLC, PO Box 2704, Goose Creek, SC 29445  
Technical File



**From:** [Miner, Read](#)  
**To:** [mkeller131@comcast.net](mailto:mkeller131@comcast.net)  
**Cc:** [Briney, Stephanie M.](#); [Dunn, Robert](#)  
**Subject:** Re: UST # 04785  
**Date:** Thursday, July 28, 2022 1:21:57 PM  
**Attachments:** [image001.png](#)

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Thank you for the update.

**Read S. Miner, P.G.**

Hydrogeologist III  
Underground Storage Tank Division  
**S.C. Dept. of Health & Environmental Control**  
Office: (803) 898-0608  
Fax: (803) 898-0673  
Connect: [www.scdhec.gov](http://www.scdhec.gov) [Facebook](#) [Twitter](#)



---

**From:** Mark Keller <[mkeller131@comcast.net](mailto:mkeller131@comcast.net)>  
**Sent:** Thursday, July 28, 2022 1:03 PM  
**To:** Miner, Read <[minerrs@dhec.sc.gov](mailto:minerrs@dhec.sc.gov)>  
**Cc:** Briney, Stephanie M. <[brineysm@dhec.sc.gov](mailto:brineysm@dhec.sc.gov)>; Dunn, Robert <[DUNNRA@dhec.sc.gov](mailto:DUNNRA@dhec.sc.gov)>  
**Subject:** Re: UST # 04785

\*\*\* Caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\*

Read

We recently submitted the report to you detailing the booms being changed. As I said in my email, the report should be at DHEC this week. I had previously sent you multiple photographs and detailed descriptions of what was done by email. Please look back at my past emails to you and Stephanie regarding the boom change work. We will continue to monitor the booms and trench as we visited the site Monday and everything looked ok. We will be back again in August as previously stated. If we see the need to change the booms we will certainly let you know so we can get approval to purchase more booms and install them. The first set lasted over 1 year. There are hundreds of feet of boom being utilized. We have the site under control and it is progressing as we forecasted.

Thanks

Mark

Mark L. Keller, PG  
President  
KLM Environmental, LLC  
PO Box 2704  
Goose Creek, SC. 29445  
Phone: 843-870-4285

Fax: 843-797-1893  
Office: 843-797-7884

On Jul 28, 2022, at 11:57 AM, Miner, Read <minerrs@dhec.sc.gov> wrote:

Mark,

We have reviewed your e-mail. A brief update on the trench, the creek, and the booms, if they have been changed out recently, or when you expect the need for boom replacement to be needed, is requested as soon as possible.

We concur with your proposal to submit a plan to continue to mitigate the free product. Please concentrate on the source area and areas that have the greatest need for free product mitigation and areas with the greatest recovery efficiency. We are receptive to use of the smaller unit at MW-14 due to the access issues.

As soon as the next sampling event has been submitted, the data will be used by DHEC to develop site-specific target levels (SSTLs), and those values will be provided for you and your client to evaluate and expand the treatment strategy to address dissolve constituents and impacted soil.

Thank you

**Read S. Miner, P.G.**  
Hydrogeologist III  
Underground Storage Tank Division  
**S.C. Dept. of Health & Environmental Control**  
Office: (803) 898-0608  
Fax: (803) 898-0673  
Connect: [www.scdhec.gov](http://www.scdhec.gov) [Facebook](#) [Twitter](#)



---

**From:** Briney, Stephanie M. <brineysm@dhec.sc.gov>  
**Sent:** Wednesday, July 27, 2022 11:48 AM  
**To:** mkeller131@comcast.net <mkeller131@comcast.net>; Miner, Read <minerrs@dhec.sc.gov>  
**Subject:** RE: UST # 04785

Mark,

Thank you for the update!! Read and I will review the information and get back to you.

Stephanie Briney, Manager  
Corrective Action & Field Support Section  
Underground Storage Tank Management Division  
Bureau of Land and Waste Management  
**S.C. Dept. of Health & Environmental Control**  
Office: (803) 898-0595  
Cell: (803) 608-0455  
Fax: (803)-898-0673  
Connect: [www.scdhec.gov](http://www.scdhec.gov) [Facebook](#) [Twitter](#)



---

**From:** Mark Lee Keller <mkeller131@comcast.net>  
**Sent:** Wednesday, July 27, 2022 11:22 AM  
**To:** Miner, Read <minerr@scdhec.sc.gov>; Briney, Stephanie M. <brineysm@dhec.sc.gov>  
**Subject:** UST # 04785

**\*\*\* Caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\***  
Read and Stephanie,

We completed the gauging event for the site on Monday and I wanted to present some preliminary results. A complete report will come after the sampling event in August but we are seeing very positive effects from the AFVR events we just completed. I have attached 3 maps here, showing the free product extent as of the dates on the maps. The free product plume has decreased in size significantly. Additionally, the product thickness has also decreased significantly (Monitoring Well MW-18 had product over 9 feet in thickness previously and now it has none). As you can see from mapping on 9/1/21, we had 16 wells with free product which was flowing into the creek, with wells immediately adjacent to the creek impacted. On 5/4/22 we had 7 wells with free product with one well adjacent to the creek with free product (we had conducted 5 AFVR events in the interim). On 7/25 we only had 6 wells with free product and none adjacent to the creek now show free product. Only the following wells show free product at the indicated thickness:

	7/25/22	5/4/22
RW-1:	0.43	0.37
MW-4:	0.18	0.00
MW-8:	1.06	2.04
MW-12:	0.41	1.19
MW-13:	0.03	0.00
MW-14:	0.41	0.16

Very good results. The AFVR report was submitted earlier in the week and should be there any day now. I will prepare a work plan for additional AFVR events to be conducted after the upcoming sampling event but before the next

scheduled event with a gauging event included. I will propose less AFVR weeks as it appears we are bringing the free product plume under control. We have not performed any recovery at MW-14 as it is not accessible by our heavy equipment. Would you be acceptable to utilizing our vacuum trailer on that well? It is a very capable unit but is limited to approximately 15 in HG vacuum power. However, it is much smaller and lighter so we can get it to the well and out as it fills up and we need to dump it. We could run it in conjunction with the other events and I have no doubt it will give us a positive effect on MW-14. Just let me know.

Thanks

Mark

Mark L. Keller, PG  
President

 **KLM Environmental, LLC**  
PO Box 2704  
Goose Creek, SC 29445  
843-870-4285 Cell



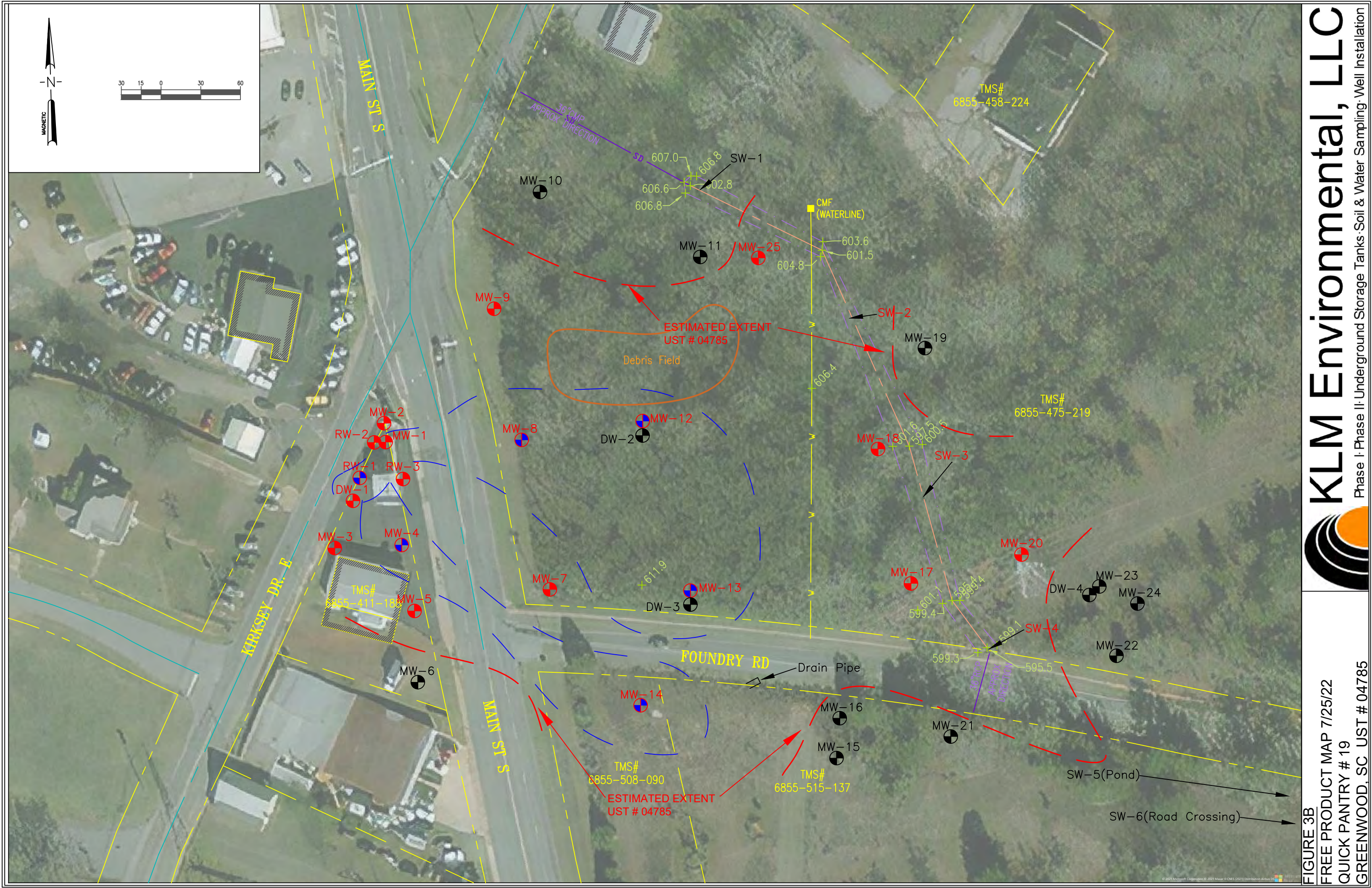
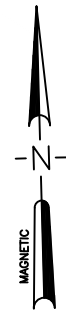


FIGURE 3B

FREE PRODUCT MAP 7/25/22

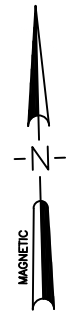
QUICK PANTRY # 19

GREENWOOD, SC UST # 04785



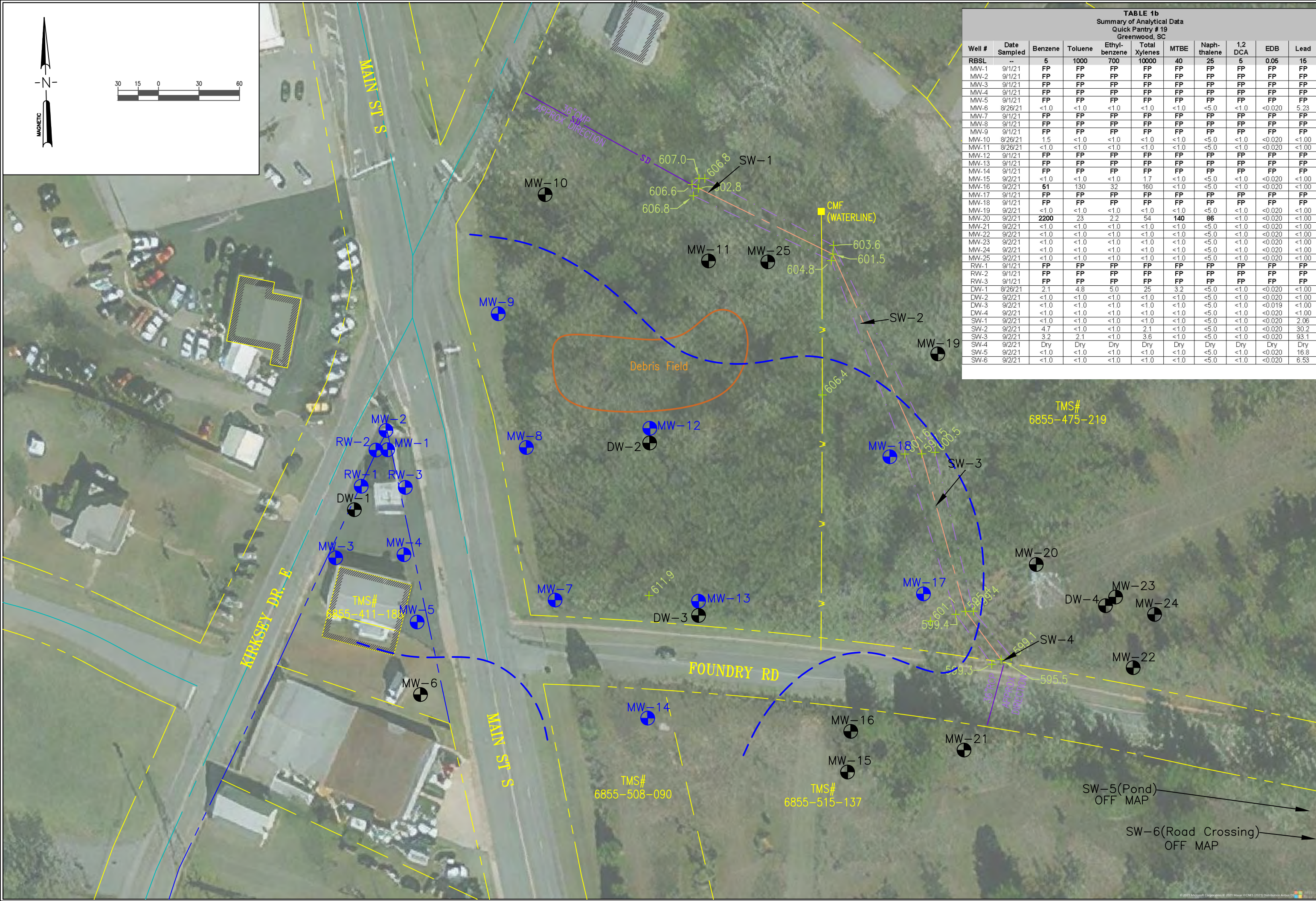
**KLM Environmental, LLC**  
Phase I - Phase II- Underground Storage Tanks- Soil & Water Sampling- Well Installation





**TABLE 1b**  
Summary of Analytical Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-4	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-5	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-6	8/26/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	5.23
MW-7	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-8	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-9	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-10	8/26/21	1.5	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-11	8/26/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-12	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-13	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-14	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-15	9/2/21	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020	<1.00
MW-16	9/2/21	51	130	32	160	<1.0	<5.0	<1.0	<0.020	<1.00
MW-17	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-18	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-19	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-20	9/2/21	2200	23	2.2	54	140	86	<1.0	<0.020	<1.00
MW-21	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-22	9/1/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-23	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-24	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
MW-25	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
RW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
RW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
RW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
DW-1	8/26/21	2.1	4.8	5.0	25	3.2	<5.0	<1.0	<0.020	<1.00
DW-2	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
DW-3	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.019	<1.00
DW-4	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
SW-1	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	2.06
SW-2	9/2/21	4.7	<1.0	<1.0	2.1	<1.0	<5.0	<1.0	<0.020	30.2
SW-3	9/2/21	3.2	2.1	<1.0	3.6	<1.0	<5.0	<1.0	<0.020	93.1
SW-4	9/2/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
SW-5	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	16.8
SW-6	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	6.53



TMS#  
6855-475-219

TMS#  
6855-411-18

TMS#  
6855-508-090

TMS#  
6855-515-137

SW-5(Pond)  
OFF MAP

SW-6(Road Crossing)  
OFF MAP

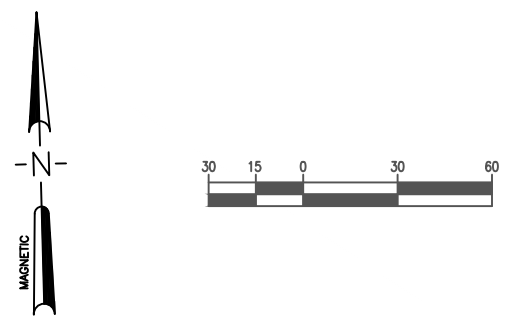
FIGURE 3C

FREE PRODUCT MAP 9-1-21  
QUICK PANTRY # 19  
GREENWOOD, SC UST # 04785

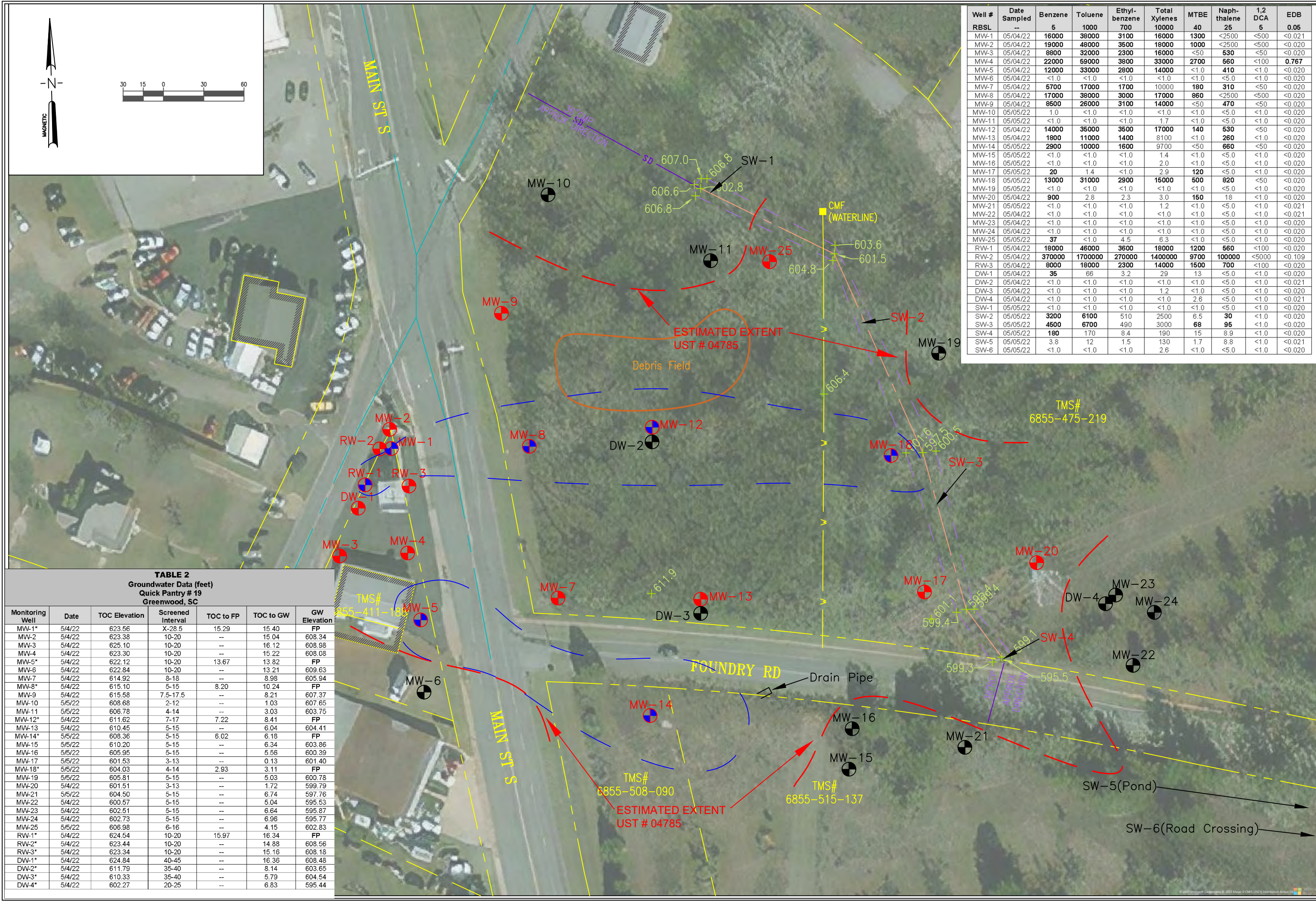


**KLM Environmental, LLC**  
Phase I: Phase II: Underground Storage Tanks Soil & Water Sampling-Well Installation





Well #	Date Sampled	Benzene 5	Toluene 1000	Ethylbenzene 700	Total Xylenes 10000	MTBE 40	Naphthalene 25	1,2 DCA 5	EDB 0.05
MW-1	05/04/22	16000	38000	3100	16000	1300	<2500	<500	<0.021
MW-2	05/04/22	19000	48000	3500	18000	1000	<2500	<500	<0.020
MW-3	05/04/22	8800	32000	2300	16000	<50	530	<50	<0.020
MW-4	05/04/22	22000	59000	3800	33000	2700	560	<100	0.767
MW-5	05/04/22	12000	33000	2800	14000	<1.0	410	<1.0	<0.020
MW-6	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-7	05/04/22	5700	17000	1700	10000	180	310	<50	<0.020
MW-8	05/04/22	17000	38000	3000	17000	860	<2500	<500	<0.020
MW-9	05/04/22	8500	26000	3100	14000	<50	470	<50	<0.020
MW-10	05/05/22	1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-11	05/05/22	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020
MW-12	05/04/22	14000	35000	3500	17000	140	530	<50	<0.020
MW-13	05/04/22	1800	11000	1400	8100	<1.0	260	<1.0	<0.020
MW-14	05/05/22	2900	10000	1600	9700	<50	660	<50	<0.020
MW-15	05/05/22	<1.0	<1.0	<1.0	1.4	<1.0	<5.0	<1.0	<0.020
MW-16	05/05/22	<1.0	<1.0	<1.0	2.0	<1.0	<5.0	<1.0	<0.020
MW-17	05/05/22	20	1.4	<1.0	2.9	120	<5.0	<1.0	<0.020
MW-18	05/05/22	13000	31000	2900	15000	500	820	<50	<0.020
MW-19	05/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-20	05/04/22	900	2.8	2.3	3.0	150	18	<1.0	<0.020
MW-21	05/05/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.021
MW-22	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021
MW-23	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-24	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-25	05/05/22	37	<1.0	4.5	6.3	<1.0	<5.0	<1.0	<0.020
RW-1	05/04/22	18000	46000	3600	18000	1200	560	<100	<0.020
RW-2	05/04/22	370000	1700000	270000	1400000	9700	100000	<5000	<0.109
RW-3	05/04/22	8000	18000	2300	14000	1500	700	<100	<0.020
DW-1	05/04/22	35	66	3.2	29	13	<5.0	<1.0	<0.020
DW-2	05/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021
DW-3	05/04/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.020
DW-4	05/04/22	<1.0	<1.0	<1.0	<1.0	2.6	<5.0	<1.0	<0.021
SW-1	05/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
SW-2	05/05/22	3200	6100	510	2500	6.5	30	<1.0	<0.020
SW-3	05/05/22	4500	6700	490	3000	68	95	<1.0	<0.020
SW-4	05/05/22	180	170	8.4	190	15	8.9	<1.0	<0.020
SW-5	05/05/22	3.8	12	1.5	130	1.7	8.8	<1.0	<0.021
SW-6	05/05/22	<1.0	<1.0	<1.0	2.6	<1.0	<5.0	<1.0	<0.020



**TABLE 2**  
Groundwater Data (feet)  
Quick Pantry # 19  
Greenwood, SC

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	GW Elevation
MW-1*	5/4/22	623.56	X-28.5	15.29	15.40	FP
MW-2	5/4/22	623.38	10-20	--	15.04	608.34
MW-3	5/4/22	625.10	10-20	--	16.12	608.98
MW-4	5/4/22	623.30	10-20	--	15.22	608.08
MW-5*	5/4/22	622.12	10-20	13.67	13.82	FP
MW-6	5/4/22	622.84	10-20	--	13.21	609.63
MW-7	5/4/22	614.92	8-18	--	8.98	605.94
MW-8*	5/4/22	615.10	5-15	8.20	10.24	FP
MW-9	5/4/22	615.58	7.5-17.5	--	8.21	607.37
MW-10	5/5/22	608.68	2-12	--	1.03	607.65
MW-11	5/5/22	606.78	4-14	--	3.03	603.75
MW-12*	5/4/22	611.62	7-17	7.22	8.41	FP
MW-13	5/4/22	610.45	5-15	--	6.04	604.41
MW-14*	5/5/22	608.36	5-15	6.02	6.18	FP
MW-15	5/5/22	610.20	5-15	--	6.34	603.86
MW-16	5/5/22	605.95	5-15	--	5.56	600.39
MW-17	5/5/22	601.53	3-13	--	0.13	601.40
MW-18*	5/5/22	604.03	4-14	2.93	3.11	FP
MW-19	5/5/22	605.81	5-15	--	5.03	600.78
MW-20	5/4/22	601.51	3-13	--	1.72	599.79
MW-21	5/5/22	604.50	5-15	--	6.74	597.76
MW-22	5/4/22	600.57	5-15	--	5.04	595.53
MW-23	5/4/22	602.51	5-15	--	6.64	595.87
MW-24	5/4/22	602.73	5-15	--	6.96	595.77
MW-25	5/5/22	606.98	6-16	--	4.15	602.83
RW-1*	5/4/22	624.54	10-20	15.97	16.34	FP
RW-2*	5/4/22	623.44	10-20	--	14.88	608.56
RW-3*	5/4/22	623.34	10-20	--	15.16	608.18
DW-1*	5/4/22	624.84	40-45	--	16.36	608.48
DW-2*	5/4/22	611.79	35-40	--	8.14	603.65
DW-3*	5/4/22	610.33	35-40	--	5.79	604.54
DW-4*	5/4/22	602.27	20-25	--	6.83	595.44



## Document Receipt Information

Hard Copy

CD

Date Received 7-28-22

Permit Number 04785

Project Manager Reed Miner

Name of Contractor KLM Env

Docket Title AFVR

Document Number 162 tech

Scanned \_\_\_\_\_



# KLM Environmental, LLC

Phase I/Phase II: Underground Storage Tanks/Soil & Water Sampling/Well Installation  
PO Box 2704 843-870-4285 Phone  
Goose Creek, SC 29445 843-797-1893 Fax

July 25, 2022

Mr. Read Miner, PG  
SCDHEC – BUSTM  
2600 Bull Street  
Columbia, S.C. 29201

Re: Quick Pantry # 19  
Permit # 04785 CA # 65396 & 65397

Mr. Miner,

This letter, along with its attachments, is presented to document the results of the 96-hour Aggressive Fluid Vapor Recovery (AFVR) events performed at the site beginning on June 6<sup>th</sup>, 2022 and concluding July 15<sup>th</sup>, 2022 at the Quick Pantry # 19 site. The events were performed over a five-week period with separate levels of the free product plume addressed during each event. The wells utilized over each event are as follows: Event 1; MW-1, MW-2, & RW-2 Event 2; MW-3 & MW-5 Event 3; MW-7, MW-8, and MW-9 Event 4; MW-12 & MW-13 Event 5; MW-17 & MW-18. In order to conduct the AFVR event on wells MW-7, MW-8, and MW-9, KLM was required to construct a hard piping system to minimize vacuum loss over such a long distance. That manifold system was constructed on June 15<sup>th</sup> preceding Event 3. Photographs are provided as an attachment. The piping is still present on site for use in future AFVR activities on this property.

KLM also performed boom removal of the old spent booms on site and reinstalled new booms in their place as requested in the directive. KLM utilized a tractor to recover the spent booms as they are very heavy when saturated, and the terrain and drop off in the recovery trench makes manual retrieval dangerous. KLM conducted this work on May 31<sup>st</sup> through June 1<sup>st</sup>, 2022. As part of the boom replacement work, KLM was tasked with collecting and analyzing samples from the interception trench to determine if any contaminants outside the scope of a UST release were noted. KLM conducted the requested sampling and submitted the samples for analysis. The samples were analyzed for the full 8260 and 8270 analysis. The results were forwarded to the SCDHEC for review immediately upon receipt by KLM. They are included as an attachment here for reference. The results clearly indicated petroleum impact, but other chemicals were noted at lower levels. The SCDHEC indicated by email they would review the chemicals noted using help from internal departments who may have a wider knowledge of the chemicals noted. The samples were collected from the trench and are labeled TR-1 through TR-4. The first two samples, TR-1 and TR-3 were collected in the northern end of the trench which was black in color at the time of sampling. TR-3 and TW-4 were collected at the southern end which was light brown in color and had insect life apparent.

The connected wells were gauged before and after each respective event. Results from the 96-hour AFVR events are provided on the attached tables. A total of 979.78 gallons of petroleum were recovered as vapor with 11,884 gallons of contaminated water recovered during this event. Thus far, a total of 1010.56 gallons of free product, 1,928.60 gallons of product as vapor, and a total of 26,665.77 gallons of contaminated ground water have been recovered during ten events at the site. Off gas treatment was conducted utilizing a thermal oxidizer designed to destroy 99+% of all contaminants put through the system. A photograph of the unit is included along with brief specifications. Due to the very high recovery rates documented in the AFVR events conducted at the site, and the very widespread contamination already known at the site, KLM recommends

continued AFVR events to continue to recover both free phase and off gas vapor in order to protect the creek and surrounding areas from further impact. A new work plan will be submitted once analytical results from the next scheduled sampling in August have been received.

All of the remaining information requested in the AFVR letter is provided in the attachments. Please call me directly if you have any questions at 843-870-4285.

Sincerely,

**KLM Environmental, LLC**

A handwritten signature in black ink, appearing to read "Mark L. Keller". The signature is written in a cursive, somewhat stylized font.

Mark L. Keller, PG  
President

Enclosures: AFVR Information Table; Vacuum Gauge Tables; Emission Calculation; Waste Manifest; Photograph; USGS Map; Site Map; Thermal Oxidizer Photograph; Piping Photographs; Thermal Oxidizer Specifications; Tank Stick; Gauging Procedure; Tank Charts

Table 1  
AFVR Event Data

6/6/2022 - 6/10/2022  
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)				Recovery Rate					Air Emissions Concentrations (ppm)		
		MW-1	MW-2	RW-2		Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
6/6/2022	12:00	16.12	16.08	15.92		-22	116.0	83.9	15.1	76.2	8238	112.7	98.63
6/6/2022	12:30	16.62	16.58	16.42		-22	112.9	87.3	14.7	74.9	11473	123.9	98.92
6/6/2022	13:00	17.12	17.08	16.92		-22	116.8	91.5	15.2	75.2	11944	131.4	98.90
6/6/2022	13:30	17.62	17.58	17.42		-22	119.1	97.1	15.5	79.1	13194	137.3	98.96
6/6/2022	14:00	18.12	18.08	17.92		-22	109.9	95.8	14.3	76.6	12818	139.1	98.91
6/6/2022	14:30	18.62	18.58	18.42		-22	113.7	98.5	14.8	72.1	12736	138.5	98.91
6/6/2022	15:00	19.12	19.08	18.92		-22	116.8	101.4	15.2	75.4	13268	141.8	98.93
6/6/2022	15:30	19.62	19.58	19.42		-22	111.4	104.7	14.5	78.5	13024	139.7	98.93
6/6/2022	16:00	20.12	20.08	20		-22	114.5	100.9	14.9	73.2	13391	142.5	98.94
6/6/2022	16:30	21	20	20		-22	116.8	102.6	15.2	69.8	13562	146.9	98.92
6/6/2022	17:00	22	20	20		-22	113.7	105.3	14.8	72.6	13474	143.4	98.94
6/6/2022	17:30	23	20	20		-22	111.4	101.8	14.5	73.2	13421	143.1	98.93
6/6/2022	18:00	24	20	20		-22	117.5	98.5	15.3	70.4	13594	144.5	98.94
6/6/2022	18:30	25	20	20		-22	119.1	100.2	15.5	68.3	13677	145.2	98.94
6/6/2022	19:00	26	20	20		-22	112.2	99.3	14.6	66.9	13692	144.8	98.94
6/6/2022	19:30	27	20	20		-22	114.5	102.7	14.9	68.5	13606	143.8	98.94
6/6/2022	20:00	28	20	20		-22	111.4	104.1	14.5	72.8	13562	144.2	98.94
6/6/2022	21:00	28	20	20		-22	117.5	101.9	15.3	75.1	13549	144.1	98.94
6/6/2022	22:00	28	20	20		-22	113.7	98.6	14.8	71.5	13621	145.9	98.93
6/6/2022	23:00	28	20	20		-22	119.1	95.4	15.5	69.8	13542	143.7	98.94
6/6/2022	0:00	28	20	20		-22	116.8	99.8	15.2	73.6	13548	143.8	98.94
6/7/2022	8:00	28	20	20		-22	122.2	97.2	15.9	71.2	13474	143.5	98.93
6/7/2022	9:00	28	20	20		-22	118.3	96.5	15.4	75.7	13539	144.1	98.94
6/7/2022	10:00	28	20	20		-22	112.9	99.1	14.7	72.4	14832	159.3	98.93
6/7/2022	11:00	28	20	20		-22	117.5	101.4	15.3	68.8	14787	159.1	98.92
6/7/2022	12:00	28	20	20		-22	111.4	97.4	14.5	67.3	14918	159.8	98.93
6/7/2022	14:00	28	20	20		-22	113.7	104.9	14.8	71.4	14873	158.5	98.93
6/7/2022	16:00	28	20	20		-22	109.1	108.3	14.2	73.9	14792	159.6	98.92
6/7/2022	18:00	28	20	20		-22	112.9	110.5	14.7	70.1	14761	147.4	99.00
6/7/2022	20:00	28	20	20		-22	109.9	107.7	14.3	72.3	14578	149.5	98.97
6/7/2022	22:00	28	20	20		-22	116.8	101.4	15.2	68.6	14459	147.4	98.98
6/7/2022	0:00	28	20	20		-22	112.9	103.6	14.7	62.1	14487	146.1	98.99
6/8/2022	8:00	28	20	20		-22	114.5	99.2	14.9	64.9	14149	148.2	98.95
6/8/2022	10:00	28	20	20		-22	117.5	102.3	15.3	71.8	14322	145.2	98.99
6/8/2022	12:00	28	20	20		-21	120.6	101.8	15.7	69.2	14162	145.6	98.97
6/8/2022	14:00	28	20	20		-21	112.9	107.3	14.7	66.5	14235	146.9	98.97
6/8/2022	16:00	28	20	20		-21	110.6	112.5	14.4	62.1	14356	145.2	98.99
6/8/2022	18:00	28	20	20		-21	114.5	115.2	14.9	64.7	14043	142.5	98.99
6/8/2022	20:00	28	20	20		-21	112.9	113.9	14.7	61.4	13872	144.1	98.96
6/8/2022	22:00	28	20	20		-21	117.5	104.7	15.3	59.6	13918	143.4	98.97
6/8/2022	0:00	28	20	20		-22	112.2	103.3	14.6	57.9	13746	141.6	98.97
6/9/2022	8:00	28	20	20		-22	116.0	100.5	15.1	60.2	13592	140.2	98.97
6/9/2022	10:00	28	20	20		-22	113.7	102.1	14.8	56.3	12583	141.7	98.87
6/9/2022	12:00	28	20	20		-22	110.6	105.5	14.4	59.1	12751	139.7	98.90
6/9/2022	14:00	28	20	20		-22	114.5	108.9	14.9	62.9	13018	141.9	98.91
6/9/2022	16:00	28	20	20		-21	117.5	113.2	15.3	60.1	13248	138.2	98.96
6/9/2022	18:00	28	20	20		-21	112.9	115.7	14.7	65.7	13320	135.1	98.99
6/9/2022	20:00	28	20	20		-21	114.5	114.1	14.9	62.3	13386	137.2	98.98
6/9/2022	22:00	28	20	20		-21	119.1	110.9	15.5	69.5	13212	136.7	98.97
6/9/2022	0:00	28	20	20		-21	116.0	105.3	15.1	73.8	13045	135.2	98.96
6/10/2022	8:00	28	20	20		-22	117.5	100.2	15.3	70.2	13156	134.9	98.97
6/10/2022	10:00	28	20	20		-22	113.7	101.4	14.8	68.3	13012	130.1	99.00
6/10/2022	12:00	28	20	20		-22	114.5	109.9	14.9	69.8	12941	132.7	98.97
							0.0						#DIV/0!
							0.0						#DIV/0!
							0.0						#DIV/0!
							0.0						#DIV/0!

Well	Depth to Product Before Event	Depth to Water Before Event	Depth to Product After Event	Depth to Water After Event
MW-1	16.21	16.42	-	27.89
MW-2	16.08	16.19	-	19.56
RW-2	-	15.92	-	19.71



Table 1  
AFVR Event Data

6/13/2022 - 6/17/2022  
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)			Recovery Rate					Air Emissions Concentrations (ppm)		
		MW-3	MW-5		Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
6/13/2022	12:00	15.42	14.91		-21	114.5	97.3	14.9	77.3	8256	135.7	98.36
6/13/2022	12:30	15.92	15.41		-21	117.5	113.8	15.3	71.9	8217	117.3	98.57
6/13/2022	13:00	16.42	15.91		-21	114.5	121.5	14.9	75.4	8972	126.7	98.59
6/13/2022	13:30	16.92	16.41		-21	120.6	125.2	15.7	76.6	8802	135.2	98.46
6/13/2022	14:00	17.42	16.91		-21	124.5	127.1	16.2	72.1	9492	143.9	98.48
6/13/2022	14:30	17.92	17.41		-21	119.1	124.9	15.5	68.3	9123	140.4	98.46
6/13/2022	15:00	18.42	17.91		-21	112.2	122.5	14.6	72.5	9756	134.9	98.62
6/13/2022	15:30	18.92	18.41		-21	117.5	126.3	15.3	73.5	9811	132.7	98.65
6/13/2022	16:00	19.42	18.91		-21	113.7	125.6	14.8	75.6	9778	133.2	98.64
6/13/2022	16:30	20	19.41		-21	122.2	125.4	15.9	69.1	9849	130.5	98.67
6/13/2022	17:00	20	20		-21	118.3	122.8	15.4	64.4	10119	162.8	98.39
6/13/2022	17:30	20	20		-21	125.2	124.5	16.3	68.8	10069	179.3	98.22
6/13/2022	18:00	20	20		-20	120.6	125.1	15.7	72.1	9810	180.3	98.16
6/13/2022	18:30	20	20		-20	116.8	123.7	15.2	79.5	9844	183.9	98.13
6/13/2022	19:00	20	20		-20	119.8	126.5	15.6	77.2	9954	192.5	98.07
6/13/2022	19:30	20	20		-20	113.7	124.1	14.8	70.7	9926	212.7	97.86
6/13/2022	20:00	20	20		-20	124.5	121.8	16.2	68.5	10073	201.2	98.00
6/13/2022	21:00	20	20		-20	117.5	123.2	15.3	75.6	10071	241.7	97.60
6/13/2022	22:00	20	20		-20	126.8	121.5	16.5	71.3	10378	221.5	97.87
6/13/2022	23:00	20	20		-20	122.2	124.7	15.9	72.8	10972	200.2	98.18
6/13/2022	0:00	20	20		-20	117.5	120.3	15.3	67.4	10859	193.5	98.22
6/14/2022	8:00	20	20		-20	119.8	121.9	15.6	65.7	10763	169.7	98.42
6/14/2022	9:00	20	20		-20	117.5	122.8	15.3	61.3	10853	178.9	98.35
6/14/2022	10:00	20	20		-20	123.7	121.8	16.1	63.8	10691	171.1	98.40
6/14/2022	11:00	20	20		-20	119.1	126.8	15.5	69.5	10803	176.4	98.37
6/14/2022	12:00	20	20		-21	122.2	125.2	15.9	71.2	10718	148.3	98.62
6/14/2022	14:00	20	20		-21	112.9	128.5	14.7	73.7	10759	151.7	98.59
6/14/2022	16:00	20	20		-21	111.4	125.8	14.5	70.2	10552	148.9	98.59
6/14/2022	18:00	20	20		-21	116.0	123.7	15.1	73.4	10673	150.5	98.59
6/14/2022	20:00	20	20		-21	113.7	124.2	14.8	76.9	10819	154.9	98.57
6/14/2022	22:00	20	20		-21	119.8	121.5	15.6	71.9	10583	151.3	98.57
6/14/2022	0:00	20	20		-20	116.8	123.1	15.2	73.6	10711	153.5	98.57
6/15/2022	8:00	20	20		-20	121.4	122.8	15.8	67.2	10641	148.7	98.60
6/15/2022	10:00	20	20		-20	116.8	117.5	15.2	69.5	10389	152.3	98.53
6/15/2022	12:00	20	20		-20	112.2	119.9	14.6	66.5	10152	139.7	98.62
6/15/2022	14:00	20	20		-20	117.5	120.3	15.3	70.7	10066	143.3	98.58
6/15/2022	16:00	20	20		-20	121.4	127.5	15.8	75.1	10139	145.5	98.56
6/15/2022	18:00	20	20		-20	119.1	125.1	15.5	77.8	10153	148.2	98.54
6/15/2022	20:00	20	20		-20	120.6	126.9	15.7	72.4	10081	142.7	98.58
6/15/2022	22:00	20	20		-20	117.5	123.6	15.3	78.7	10027	135.5	98.65
6/15/2022	0:00	20	20		-20	110.6	121.2	14.4	71.9	9918	126.2	98.73
6/16/2022	8:00	20	20		-20	119.8	120.5	15.6	66.5	10038	127.8	98.73
6/16/2022	10:00	20	20		-20	109.1	117.2	14.2	61.7	9945	125.5	98.74
6/16/2022	12:00	20	20		-20	113.7	122.9	14.8	64.3	8782	98.5	98.88
6/16/2022	14:00	20	20		-20	116.8	127.5	15.2	60.4	8953	95.7	98.93
6/16/2022	16:00	20	20		-20	119.8	124.3	15.6	64.8	8872	101.2	98.86
6/16/2022	18:00	20	20		-20	122.2	121.9	15.9	69.3	8814	107.4	98.78
6/16/2022	20:00	20	20		-20	117.5	125.6	15.3	67.1	8744	92.6	98.94
6/16/2022	22:00	20	20		-20	112.9	120.8	14.7	73.5	8671	90.9	98.95
6/16/2022	0:00	20	20		-20	114.5	123.9	14.9	75.9	8767	94.5	98.92
6/17/2022	8:00	20	20		-20	116.0	121.5	15.1	71.3	8692	95.7	98.90
6/17/2022	10:00	20	20		-20	112.2	117.4	14.6	67.7	8839	92.2	98.96
6/17/2022	12:00	20	20		-20	118.3	119.8	15.4	65.1	8618	99.8	98.84
					-20	0.0						#DIV/0!
						0.0						#DIV/0!
						0.0						#DIV/0!
						0.0						#DIV/0!

Well	Depth to Product Before Event	Depth to Water Before Event	Depth to Product After Event	Depth to Water After Event
MW-3	-	15.42	-	19.58
MW-5	14.91	15.11	-	19.89

Table 1  
AFVR Event Data

6/20/2022 - 6/24/2022  
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)				Recovery Rate					Air Emissions Concentrations (ppm)		
		MW-7	MW-8	MW-9		Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
6/20/2022	12:00	11.18	10.73	10.81		-20	125.2	96.3	16.3	58.3	10397	112.7	98.92
6/20/2022	12:30	11.68	11.23	11.31		-20	121.4	112.7	15.8	64.7	11473	201.3	98.25
6/20/2022	13:00	12.18	11.73	11.81		-20	124.5	121.4	16.2	55.9	15000	231.4	98.46
6/20/2022	13:30	12.68	12.23	12.31		-20	119.1	120.3	15.5	59.1	15000	237.3	98.42
6/20/2022	14:00	13.18	12.73	12.81		-20	114.5	125.9	14.9	56.6	15000	229.1	98.47
6/20/2022	14:30	13.68	13.23	13.31		-20	120.6	124.2	15.7	52.8	15000	228.5	98.48
6/20/2022	15:00	14.18	13.73	13.81		-20	116.8	126.3	15.2	55.3	15000	242.8	98.38
6/20/2022	15:30	14.68	14.23	14.31		-20	125.2	123.5	16.3	58.5	15000	229.7	98.47
6/20/2022	16:00	15.18	14.73	14.81		-20	122.2	124.8	15.9	63.2	15000	232.5	98.45
6/20/2022	16:30	15.68	14.73	15.31		-20	116.8	122.3	15.2	59.1	15000	236.9	98.42
6/20/2022	17:00	16.18	14.73	15.81		-20	121.4	123.1	15.8	62.6	15000	233.9	98.44
6/20/2022	17:30	16.68	14.73	16.31		-20	116.8	122.7	15.2	58.7	15000	233.5	98.44
6/20/2022	18:00	17.18	14.73	16.81		-20	119.1	124.9	15.5	64.5	15000	244.5	98.37
6/20/2022	18:30	17.5	14.73	17.31		-20	113.7	121.5	14.8	66.3	15000	245.2	98.37
6/20/2022	19:00	17.5	14.73	17.31		-20	112.2	123.6	14.6	61.9	15000	244.8	98.37
6/20/2022	19:30	17.5	14.73	17.31		-20	117.5	120.2	15.3	63.2	15000	233.8	98.44
6/20/2022	20:00	17.5	14.73	17.31		-20	112.9	119.8	14.7	58.4	15000	234.2	98.44
6/20/2022	21:00	17.5	14.73	17.31		-20	119.1	121.5	15.5	57.1	15000	231.1	98.46
6/20/2022	22:00	17.5	14.73	17.31		-20	116.0	120.3	15.1	59.7	15000	235.9	98.43
6/20/2022	23:00	17.5	14.73	17.31		-20	125.2	118.1	16.3	64.5	15000	233.7	98.44
6/20/2022	0:00	17.5	14.73	17.31		-20	119.8	119.7	15.6	68.3	15000	253.6	98.31
6/21/2022	8:00	17.5	14.73	17.31		-20	118.3	117.4	15.4	65.1	15000	250.5	98.33
6/21/2022	9:00	17.5	14.73	17.31		-20	114.5	117.1	14.9	70.8	15000	244.1	98.37
6/21/2022	10:00	17.5	14.73	17.31		-20	120.6	109.3	15.7	72.3	15000	249.3	98.34
6/21/2022	11:00	17.5	14.73	17.31		-20	116.0	116.4	15.1	68.5	15000	281.1	98.13
6/21/2022	12:00	17.5	14.73	17.31		-20	122.2	117.6	15.9	63.7	15000	279.8	98.13
6/21/2022	14:00	17.5	14.73	17.31		-20	117.5	122.9	15.3	69.2	15000	268.5	98.21
6/21/2022	16:00	17.5	14.73	17.31		-20	112.9	125.2	14.7	73.8	15000	269.3	98.20
6/21/2022	18:00	17.5	14.73	17.31		-20	119.1	123.7	15.5	68.5	15000	247.4	98.35
6/21/2022	20:00	17.5	14.73	17.31		-20	117.5	121.4	15.3	71.7	15000	249.5	98.34
6/21/2022	22:00	17.5	14.73	17.31		-20	122.2	119.8	15.9	74.8	15000	257.9	98.28
6/21/2022	0:00	17.5	14.73	17.31		-20	119.8	118.4	15.6	72.9	15000	266.1	98.23
6/22/2022	8:00	17.5	14.73	17.31		-20	124.5	118.1	16.2	68.3	15000	268.2	98.21
6/22/2022	10:00	17.5	14.73	17.31		-20	112.9	113.5	14.7	65.8	15000	265.2	98.23
6/22/2022	12:00	17.5	14.73	17.31		-20	117.5	117.9	15.3	69.5	15000	275.6	98.16
6/22/2022	14:00	17.5	14.73	17.31		-20	121.4	122.7	15.8	64.1	15000	276.9	98.15
6/22/2022	16:00	17.5	14.73	17.31		-20	112.9	121.9	14.7	67.3	15000	265.4	98.23
6/22/2022	18:00	17.5	14.73	17.31		-20	116.8	124.2	15.2	65.6	15000	252.5	98.32
6/22/2022	20:00	17.5	14.73	17.31		-20	121.4	122.3	15.8	71.5	15000	244.1	98.37
6/22/2022	22:00	17.5	14.73	17.31		-20	118.3	120.9	15.4	69.2	15000	253.5	98.31
6/22/2022	0:00	17.5	14.73	17.31		-20	125.2	119.4	16.3	64.8	15000	251.6	98.32
6/23/2022	8:00	17.5	14.73	17.31		-20	126.0	117.7	16.4	67.5	15000	250.2	98.33
6/23/2022	10:00	17.5	14.73	17.31		-20	120.6	115.8	15.7	73.2	15000	291.7	98.06
6/23/2022	12:00	17.5	14.73	17.31		-20	117.5	118.9	15.3	69.3	15000	269.7	98.20
6/23/2022	14:00	17.5	14.73	17.31		-20	126.8	123.1	16.5	72.9	15000	271.9	98.19
6/23/2022	16:00	17.5	14.73	17.31		-20	121.4	122.7	15.8	70.4	15000	278.2	98.15
6/23/2022	18:00	17.5	14.73	17.31		-20	124.5	123.5	16.2	67.3	15000	275.1	98.17
6/23/2022	20:00	17.5	14.73	17.31		-20	126.8	121.9	16.5	66.1	15000	277.5	98.15
6/23/2022	22:00	17.5	14.73	17.31		-20	121.4	119.3	15.8	71.3	15000	286.7	98.09
6/23/2022	0:00	17.5	14.73	17.31		-20	116.8	122.7	15.2	69.5	15000	285.9	98.09
6/24/2022	8:00	17.5	14.73	17.31		-20	122.2	118.4	15.9	73.1	15000	284.1	98.11
6/24/2022	10:00	17.5	14.73	17.31		-20	119.1	115.3	15.5	70.2	15000	271.5	98.19
6/24/2022	12:00	17.5	14.73	17.31		-20	116.0	118.7	15.1	74.5	15000	263.7	98.24
							0.0						#DIV/0!
							0.0						#DIV/0!
							0.0						#DIV/0!
							0.0						#DIV/0!

Well	Depth to Product Before Event	Depth to Water Before Event	Depth to Product After Event	Depth to Water After Event
MW-7	-	11.18	-	16.97
MW-8	10.73	11.81	-	14.21
MW-9	10.81	10.96	-	17.01

Table 1  
AFVR Event Data

6/27/2022 - 7/1/2022  
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)			Recovery Rate					Air Emissions Concentrations (ppm)		
		MW-12	MW-13		Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
6/27/2022	12:00	9.63	8.34		-20	126.0	99.2	16.4	83.1	13891	239.5	98.28
6/27/2022	12:30	10.13	8.84		-20	128.3	107.9	16.7	79.6	15000	232.9	98.45
6/27/2022	13:00	10.63	9.34		-20	125.2	118.4	16.3	74.6	15000	225.1	98.50
6/27/2022	13:30	11.13	9.84		-20	119.8	120.9	15.6	78.3	15000	242.5	98.38
6/27/2022	14:00	11.63	10.34		-20	118.3	118.9	15.4	81.5	15000	248.7	98.34
6/27/2022	14:30	12.13	10.84		-20	123.7	121.5	16.1	77.9	15000	241.5	98.39
6/27/2022	15:00	12.63	11.34		-20	121.4	121.1	15.8	78.6	15000	240.9	98.39
6/27/2022	15:30	13.13	11.84		-20	116.8	124.9	15.2	75.3	15000	281.9	98.12
6/27/2022	16:00	13.63	12.34		-20	120.6	122.4	15.7	76.8	15000	284.7	98.10
6/27/2022	16:30	14.13	12.84		-20	124.5	124.2	16.2	74.5	15000	284.1	98.11
6/27/2022	17:00	14.63	13.34		-20	122.2	123.6	15.9	78.3	15000	283.6	98.11
6/27/2022	17:30	15.13	13.84		-20	125.2	125.3	16.3	75.9	15000	297.1	98.02
6/27/2022	18:00	15.63	14.34		-20	120.6	122.5	15.7	71.5	15000	303.2	97.98
6/27/2022	18:30	16.13	14.84		-20	123.7	124.9	16.1	73.9	15000	305.5	97.96
6/27/2022	19:00	16.63	14.84		-20	119.1	121.7	15.5	68.3	15000	291.5	98.06
6/27/2022	19:30	16.63	14.84		-22	116.8	120.3	15.2	70.6	15000	297.2	98.02
6/27/2022	20:00	16.63	14.84		-22	122.2	123.7	15.9	71.2	15000	292.5	98.05
6/27/2022	21:00	16.63	14.84		-22	119.1	121.1	15.5	76.4	15000	296.7	98.02
6/27/2022	22:00	16.63	14.84		-22	124.5	122.9	16.2	74.9	15000	297.3	98.02
6/27/2022	23:00	16.63	14.84		-22	121.4	120.5	15.8	72.6	15000	291.2	98.06
6/27/2022	0:00	16.63	14.84		-22	126.8	121.4	16.5	69.5	15000	289.5	98.07
6/28/2022	8:00	16.63	14.84		-22	123.7	118.7	16.1	64.8	15000	293.6	98.04
6/28/2022	9:00	16.63	14.84		-22	119.8	116.9	15.6	67.4	15000	290.1	98.07
6/28/2022	10:00	16.63	14.84		-22	122.2	118.3	15.9	72.5	15000	295.9	98.03
6/28/2022	11:00	16.63	14.84		-20	126.8	121.5	16.5	65.9	15000	292.6	98.05
6/28/2022	12:00	16.63	14.84		-20	122.2	120.1	15.9	68.1	15000	284.3	98.10
6/28/2022	14:00	16.63	14.84		-20	123.7	123.8	16.1	64.4	15000	269.7	98.20
6/28/2022	16:00	16.63	14.84		-20	117.5	121.6	15.3	66.8	15000	262.5	98.25
6/28/2022	18:00	16.63	14.84		-20	120.6	124.8	15.7	69.5	15000	264.7	98.24
6/28/2022	20:00	16.63	14.84		-20	119.1	120.3	15.5	68.9	15000	268.3	98.21
6/28/2022	22:00	16.63	14.84		-20	122.2	122.6	15.9	65.1	15000	269.5	98.20
6/28/2022	0:00	16.63	14.84		-20	126.0	119.8	16.4	72.4	15000	272.5	98.18
6/29/2022	8:00	16.63	14.84		-20	119.8	115.1	15.6	67.7	15000	278.6	98.14
6/29/2022	10:00	16.63	14.84		-21	120.6	116.2	15.7	62.9	15000	275.9	98.16
6/29/2022	12:00	16.63	14.84		-21	117.5	119.7	15.3	68.2	15000	271.5	98.19
6/29/2022	14:00	16.63	14.84		-21	119.8	121.5	15.6	74.5	15000	296.3	98.02
6/29/2022	16:00	16.63	14.84		-21	125.2	125.3	16.3	71.8	15000	298.4	98.01
6/29/2022	18:00	16.63	14.84		-21	121.4	121.6	15.8	73.1	15000	299.1	98.01
6/29/2022	20:00	16.63	14.84		-21	116.0	124.9	15.1	70.5	15000	294.3	98.04
6/29/2022	22:00	16.63	14.84		-21	119.8	120.5	15.6	72.3	15000	289.6	98.07
6/29/2022	0:00	16.63	14.84		-21	118.3	122.1	15.4	67.7	15000	285.8	98.09
6/30/2022	8:00	16.63	14.84		-21	114.5	117.3	14.9	69.1	15000	277.4	98.15
6/30/2022	10:00	16.63	14.84		-21	121.4	117.9	15.8	73.5	15000	275.3	98.16
6/30/2022	12:00	16.63	14.84		-21	126.8	119.4	16.5	71.9	15000	273.8	98.17
6/30/2022	14:00	16.63	14.84		-20	116.8	122.8	15.2	74.3	15000	279.1	98.14
6/30/2022	16:00	16.63	14.84		-20	124.5	126.5	16.2	75.1	15000	283.7	98.11
6/30/2022	18:00	16.63	14.84		-20	121.4	124.1	15.8	72.9	15000	285.5	98.10
6/30/2022	20:00	16.63	14.84		-20	126.0	127.7	16.4	76.6	15000	287.9	98.08
6/30/2022	22:00	16.63	14.84		-20	119.1	124.3	15.5	70.5	15000	279.8	98.13
6/30/2022	0:00	16.63	14.84		-20	121.4	121.8	15.8	72.1	15000	271.3	98.19
7/1/2022	8:00	16.63	14.84		-20	116.0	115.3	15.1	68.4	15000	272.3	98.18
7/1/2022	10:00	16.63	14.84		-20	119.8	116.1	15.6	71.8	15000	283.7	98.11
7/1/2022	12:00	16.63	14.84		-20	117.5	119.7	15.3	67.5	15000	285.2	98.10
						0.0						#DIV/0!
						0.0						#DIV/0!
						0.0						#DIV/0!
						0.0						#DIV/0!

Well	Depth to Product Before Event	Depth to Water Before Event	Depth to Product After Event	Depth to Water After Event
MW-12	9.63	11.03		16.36
MW-13	8.34	10.19		14.51

Table 1  
AFVR Event Data

7/11/2022 - 7/15/2022  
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)			Recovery Rate					Air Emissions Concentrations (ppm)		
		MW-17	MW-18		Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
7/11/2022	10:00	6.89	7.55		-21	124.5	99.2	16.2	81.4	7931	167.3	97.89
7/11/2022	10:30	7.39	8.05		-21	119.1	107.9	15.5	72.3	12492	198.5	98.41
7/11/2022	11:00	7.89	8.55		-21	122.2	118.4	15.9	72.3	14736	226.7	98.46
7/11/2022	11:30	8.39	9.05		-21	122.2	120.9	15.9	78.9	15000	231.9	98.45
7/11/2022	12:00	8.89	9.55		-21	117.5	118.9	15.3	80.1	15000	278.1	98.15
7/11/2022	12:30	9.39	10.05		-21	120.6	121.5	15.7	79.6	15000	284.7	98.10
7/11/2022	13:00	9.89	10.55		-21	126.0	121.1	16.4	74.4	15000	309.4	97.94
7/11/2022	13:30	10.39	11.05		-21	123.7	124.9	16.1	72.9	15000	311.7	97.92
7/11/2022	14:00	10.89	11.55		-21	120.6	122.4	15.7	73.2	15000	328.1	97.81
7/11/2022	14:30	11.39	12.05		-21	116.8	124.2	15.2	68.7	15000	315.5	97.90
7/11/2022	15:00	11.89	12.55		-21	121.4	123.6	15.8	70.8	15000	312.4	97.92
7/11/2022	15:30	12.39	13.05		-21	118.3	125.3	15.4	69.5	15000	351.7	97.66
7/11/2022	16:00	12.89	13.55		-21	112.9	122.5	14.7	73.6	15000	333.1	97.78
7/11/2022	16:30	13.39	14.05		-21	119.1	124.9	15.5	77.1	15000	339.5	97.74
7/11/2022	17:00	13.89	14.55		-21	119.8	121.7	15.6	72.4	15000	328.1	97.81
7/11/2022	17:30	14.39	14.55		-21	113.7	120.3	14.8	78.9	15000	345.1	97.70
7/11/2022	18:00	14.89	14.55		-19	117.5	123.7	15.3	82.3	15000	341.7	97.72
7/11/2022	19:00	15.39	14.55		-19	111.4	121.1	14.5	79.2	15000	345.8	97.69
7/11/2022	20:00	15.89	14.55		-19	120.6	122.9	15.7	73.8	15000	339.4	97.74
7/11/2022	21:00	16.5	14.55		-19	122.2	120.5	15.9	75.5	15000	331.8	97.79
7/11/2022	22:00	16.5	14.55		-19	117.5	121.4	15.3	70.4	15000	328.6	97.81
7/11/2022	23:00	16.5	14.55		-19	116.0	118.7	15.1	72.8	15000	314.9	97.90
7/11/2022	0:00	16.5	14.55		-19	120.6	116.9	15.7	76.9	15000	291.7	98.06
7/12/2022	8:00	16.5	14.55		-19	116.8	118.3	15.2	83.5	15000	279.4	98.14
7/12/2022	9:00	16.5	14.55		-19	121.4	121.5	15.8	80.3	15000	257.2	98.29
7/12/2022	10:00	16.5	14.55		-19	112.2	120.1	14.6	77.3	15000	264.9	98.23
7/12/2022	12:00	16.5	14.55		-19	114.5	123.8	14.9	79.8	15000	250.6	98.33
7/12/2022	14:00	16.5	14.55		-19	118.3	121.6	15.4	75.5	15000	253.7	98.31
7/12/2022	16:00	16.5	14.55		-19	116.8	124.8	15.2	78.3	15000	251.3	98.32
7/12/2022	18:00	16.5	14.55		-19	120.6	120.3	15.7	77.9	15000	259.5	98.27
7/12/2022	20:00	16.5	14.55		-19	119.8	122.6	15.6	81.4	15000	262.8	98.25
7/12/2022	22:00	16.5	14.55		-19	113.7	119.8	14.8	75.6	15000	257.3	98.28
7/12/2022	0:00	16.5	14.55		-19	117.5	117.6	15.3	76.3	15000	269.5	98.20
7/13/2022	8:00	16.5	14.55		-19	122.2	116.2	15.9	69.7	15000	283.1	98.11
7/13/2022	10:00	16.5	14.55		-19	117.5	119.7	15.3	72.3	15000	318.8	97.87
7/13/2022	12:00	16.5	14.55		-19	119.1	121.5	15.5	70.2	15000	300.4	98.00
7/13/2022	14:00	16.5	14.55		-19	116.0	125.3	15.1	75.9	15000	314.6	97.90
7/13/2022	16:00	16.5	14.55		-19	117.5	121.6	15.3	77.3	15000	314.1	97.91
7/13/2022	18:00	16.5	14.55		-19	112.2	124.9	14.6	76.5	15000	306.5	97.96
7/13/2022	20:00	16.5	14.55		-19	119.8	120.5	15.6	73.1	15000	319.4	97.87
7/13/2022	22:00	16.5	14.55		-19	114.5	122.1	14.9	74.7	15000	311.8	97.92
7/13/2022	0:00	16.5	14.55		-19	111.4	119.3	14.5	78.3	15000	293.7	98.04
7/14/2022	8:00	16.5	14.55		-19	116.8	117.9	15.2	75.4	15000	289.9	98.07
7/14/2022	10:00	16.5	14.55		-19	121.4	119.4	15.8	72.2	15000	295.1	98.03
7/14/2022	12:00	16.5	14.55		-19	117.5	122.8	15.3	68.8	15000	291.5	98.06
7/14/2022	14:00	16.5	14.55		-19	119.8	126.5	15.6	69.5	15000	288.3	98.08
7/14/2022	16:00	16.5	14.55		-20	123.7	124.1	16.1	71.6	15000	279.7	98.14
7/14/2022	18:00	16.5	14.55		-20	120.6	127.7	15.7	75.3	15000	278.1	98.15
7/14/2022	20:00	16.5	14.55		-20	117.5	124.3	15.3	76.5	15000	297.2	98.02
7/14/2022	22:00	16.5	14.55		-20	113.7	121.8	14.8	72.2	15000	285.9	98.09
7/14/2022	0:00	16.5	14.55		-20	119.8	118.5	15.6	73.9	15000	278.3	98.14
7/15/2022	8:00	16.5	14.55		-18	116.0	116.1	15.1	77.4	15000	272.5	98.18
7/15/2022	10:00	16.5	14.55		-18	117.5	119.7	15.3	75.1	15000	279.7	98.14
						0.0						#DIV/0!
						0.0						#DIV/0!
						0.0						#DIV/0!
						0.0						#DIV/0!

Well	Depth to Product Before Event	Depth to Water Before Event	Depth to Product After Event	Depth to Water After Event
MW-17	6.89	7.34		16.04
MW-18	7.55	8.41		14.21

Site Location: Quick Pantry #19

Date: 6/6/2022

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:  
Vacuum Recovery  
Technologies, LLC

Field Personnel:  
KLM Environmental, LLC:

General Weather Conditions:  
Sunny/Clear

Time	Target Well			Adjacent Well (every 2 Hrs)					
	MW-1	RW-2	RW3	MW-3		MW-4		DTW	Hg
	Hg	Hg	Hg	DTW	Hg	DTW	Hg		
12:00	-12	-12	-14	15.22	-00	14.83			
20:00	-12	-12	-14	15.29	-00	14.80			
24:00	-12	-12	-13	15.25	-00	14.78			
6/7/22									
12:00	-11	-13	-11	15.33	-00	14.81			
20:00	-11	-13	-13	15.30	-00	14.86			
24:00	-13	-13	-11	15.35	-00	14.83			
6/8/22									
12:00	-12	-10	-12	15.32	-00	14.80			
20:00	-14	-12	-12	15.30	-00	14.84			
24:00	-12	-11	-11	15.34	-00	14.82			
6/9/22									
12:00	-13	-12	-13	15.38	-00	14.87			
20:00	-13	-13	-13	15.39	-00	14.89			
24:00	-12	-12	-13	15.36	-00	14.85			
6/10/22									
12:00	-13	-13	-12	15.37	-00	14.91			

MW-4 IS IN HIGH TRAFFIC AREA.



**KLM Environmental, LLC**

Phase I-Phase II Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table  
Quick Pantry # 19  
1802 South Main St.  
Greenwood, SC  
UST # 04785  
6/6/2022



Site Location: Quick Pantry #19

Date: 6/13/2022

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:  
Vacuum Recovery  
Technologies, LLC

Field Personnel:  
KLM Environmental, LLC:

General Weather Conditions:  
Sunny/Clear

Time	Target Well			Adjacent Well (every 2 Hrs)					
	MW-3	RW-5		MW-4		MW-6			
	Hg	Hg	Hg	DTW	Hg	DTW	Hg	DTW	Hg
12:00	-11	-11		15.02		15.31	-00		
20:00	-10	-11		15.05		15.36	-00		
24:00	-11	-10		15.10		15.32	-00		
6/14/22									
12:00	-10	-11		15.16		15.32	-00		
20:00	-10	-12		15.13		15.35	-00		
24:00	-12	-12		15.19		15.30	-02		
6/15/22									
12:00	-12	-12		15.21		15.39	-00		
20:00	-11	-11		15.17		15.36	-01		
24:00	-11	-10		15.19		15.37	-00		
6/16/22									
12:00	-12	-11		15.24		15.42	-01		
20:00	-12	-11		15.28		15.49	-01		
24:00	-12	-11		15.34		15.53	-00		
6/17/22									
12:00	-11	-12		15.39		15.55	-00		

MW-4 IS IN HIGH TRAFFIC AREA.



**KLM Environmental, LLC**

Phase I-Phase II Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table  
Quick Pantry # 19  
1802 South Main St.  
Greenwood, SC  
UST # 04785  
6/13/2022

Site Location: Quick Pantry #19

Date: 6/20/2022

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:  
Vacuum Recovery  
Technologies, LLC

Field Personnel:  
KLM Environmental, LLC:

General Weather Conditions:  
Sunny/Clear

Time	Target Well			Adjacent Well (every 2 Hrs)					
	MW-7	MW-8	MW-9	MW-12		MW-13			
	Hg	Hg	Hg	DTW	Hg	DTW	Hg	DTW	Hg
6/20/2022									
12:00	-12	-12	-14	9.62	-00	8.89			
20:00	-12	-12	-14	9.67	-00	8.85			
24:00	-12	-12	-13	9.64	-00	8.87			
6/21/2022									
12:00	-11	-13	-11	9.69	-01	8.92			
20:00	-11	-13	-13	9.73	-02	8.89			
24:00	-13	-13	-11	9.70	-01	8.90			
6/22/2022									
12:00	-12	-10	-12	9.67	-00	8.93			
20:00	-14	-12	-12	9.64	-01	8.96			
24:00	-12	-11	-11	9.69	-00	8.95			
6/23/2022									
12:00	-13	-12	-13	9.73	-00	8.97			
20:00	-13	-13	-13	9.73	-01	8.98			
24:00	-12	-12	-13	9.76	-01	8.94			
6/24/2022									
12:00	-13	-13	-12	9.81	-00	8.91			



**KLM Environmental, LLC**

Phase I-Phase II Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table  
Quick Pantry # 19  
1802 South Main St.  
Greenwood, SC  
UST # 04785  
6/20/2022 – 6/24/2022

Site Location: Quick Pantry #19

Date: 6/27/2022

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:  
Vacuum Recovery  
Technologies, LLC

Field Personnel:  
KLM Environmental, LLC:

General Weather Conditions:  
Sunny/Clear

Time	Target Well			Adjacent Well (every 2 Hrs)					
	MW-12	MW-13		MW-7		MW-8			
	Hg	Hg	Hg	DTW	Hg	DTW	Hg	DTW	Hg
6/27/2022									
12:00	-14	-13		10.09	-00	8.12	-00		
20:00	-14	-13		10.08	-00	8.10	-01		
24:00	-13	-13		10.11	-01	8.13	-00		
6/28/2022									
12:00	-13	-12		10.16	-01	8.12	-00		
20:00	-13	-13		10.20	-00	8.19	-00		
24:00	-13	-13		10.22	-00	8.15	-01		
6/29/2022									
12:00	-14	-14		10.18	-02	8.22	-00		
20:00	-14	-14		10.23	-00	8.19	-02		
24:00	-14	-12		10.27	-01	8.28	-01		
6/30/2022									
12:00	-12	-14		10.25	-01	8.39	-01		
20:00	-13	-13		10.21	-01	8.33	-00		
24:00	-13	-14		10.27	-01	8.35	-02		
7/1/2022									
12:00	-14	-12		10.34	-02	8.38	-01		



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table  
Quick Pantry # 19  
1802 South Main St.  
Greenwood, SC  
UST # 04785  
6/27/2022 – 7/1/2022

Site Location: Quick Pantry #19

Date: 7/11/2022 – 7/15/2022

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:  
Vacuum Recovery  
Technologies, LLC

Field Personnel:  
KLM Environmental, LLC:

General Weather Conditions:  
Sunny/Clear

Time	Target Well			Adjacent Well (every 2 Hrs)					
	MW-17	MW-18		MW-12		MW-13			
	Hg	Hg	Hg	DTW	Hg	DTW	Hg	DTW	Hg
7/11/2022									
12:00	-13	-14		8.13	-00	8.73	-00		
20:00	-13	-13		8.11	-00	8.77	-01		
24:00	-13	-14		8.14	-00	8.74	-02		
7/12/2022									
12:00	-13	-14		8.12	-00	8.81	-02		
20:00	-12	-14		8.15	-00	8.78	-01		
24:00	-12	-14		8.13	-00	8.80	-01		
7/13/2022									
12:00	-12	-14		8.16	-00	8.83	-00		
20:00	-12	-13		8.18	-00	8.88	-02		
24:00	-12	-13		8.15	-00	8.91	-00		
7/14/2022									
12:00	-13	-13		8.21	-00	8.93	-01		
20:00	-12	-13		8.19	-00	8.90	-00		
24:00	-12	-14		8.20	-00	8.95	-02		
7/15/2022									
12:00	-14	-13		8.22	-00	8.98	-02		



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table  
Quick Pantry # 19  
1802 South Main St.  
Greenwood, SC  
UST # 04785  
7/11/2022 – 7/15/2022

**Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):**

6/6/22 - 6/10/22

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 13518.89$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 14428.62$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 57714.47$$

$$C_{c:m} = \text{PPM}_c (M_c / K_3) = 28797.29$$

$$C_c = C_{c:m} (62.43 \times 10^{-9}) = 0.001798$$

$$\text{PMR}_c = C_c (Q_{\text{std}})(60) = 10.93079$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g / M_{cg}) = \mathbf{12.65024 \text{ lbs of emissions per hour}}$$

**194.3077 Gallons of emissions per 96 hours**



**Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):**

6/13/22 - 6/17/22

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 9836.925$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 10498.88$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 41995.54$$

$$C_{c:m} = \text{PPM}_c (M_c / K_3) = 20954.15$$

$$C_c = C_{c:m} (62.43 \times 10^{-9}) = 0.001308$$

$$\text{PMR}_c = C_c (Q_{\text{std}})(60) = 7.84854$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g / M_{cg}) = \mathbf{9.083142 \text{ lbs of emissions per hour}}$$

**139.5171 Gallons of emissions per 96 hours**

**Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):**

6/20/22 - 6/24/22

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 14846.6$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 15845.68$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 63382.72$$

$$C_{c:m} = \text{PPM}_c(M_c/K_3) = 31625.53$$

$$C_c = C_{c:m}(62.43 \times 10^{-9}) = 0.001974$$

$$\text{PMR}_c = C_c(Q_{\text{std}})(60) = 12.06796$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g/M_{cg}) = \mathbf{13.96629 \text{ lbs of emissions per hour}}$$

**214.5222 Gallons of emissions per 96 hours**

**Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):**

6/27/22 - 7/1/22

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 14979.08$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 15987.07$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 63948.27$$

$$C_{c:m} = \text{PPM}_c (M_c / K_3) = 31907.72$$

$$C_c = C_{c:m} (62.43 \times 10^{-9}) = 0.001992$$

$$\text{PMR}_c = C_c (Q_{\text{std}})(60) = 12.35985$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g / M_{cg}) = \mathbf{14.3041 \text{ lbs of emissions per hour}}$$

**219.7109 Gallons of emissions per 96 hours**

**Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):**

7/11/22 - 7/15/22

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 14814.32$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 15811.23$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 63244.9$$

$$C_{c:m} = \text{PPM}_c (M_c / K_3) = 31556.76$$

$$C_c = C_{c:m} (62.43 \times 10^{-9}) = 0.00197$$

$$\text{PMR}_c = C_c (Q_{\text{std}})(60) = 11.91146$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g / M_{cg}) = \mathbf{13.78517 \text{ lbs of emissions per hour}}$$

**211.7402 Gallons of emissions per 96 hours**

# US Water Recovery

**Non-Hazardous Manifest: Waste Water or Drums**      **Number:**

1. Generator's EPA ID# (if applicable): \_\_\_\_\_ Waste ID Number: \_\_\_\_\_

2. Generator's Name and Mailing Address: *Quick Pastry 19* Phone ( ) \_\_\_\_\_  
*Greenwood, SC* P O #: \_\_\_\_\_

3. Agent of Generator and Mailing Address: \_\_\_\_\_ Phone ( ) \_\_\_\_\_  
*KLM Env* P O #: \_\_\_\_\_

4. Transporter Company Name: \_\_\_\_\_ Phone ( ) \_\_\_\_\_  
*KLM Env*

Truck & Trailer License Number: \_\_\_\_\_

5. Transporter U.S. EPA ID#: \_\_\_\_\_

6. Facility Name and Site Address: \_\_\_\_\_ Mailing Address: \_\_\_\_\_ Phone: (843) 797-3111  
 US Water Recovery 511 Old Mt. Holly Rd. US Water Recovery  
 511 Old Mt. Holly Rd. Fax: (843) 797-1884  
 Goose Creek, SC 29445 Goose Creek, SC 29445

7. Facility U.S. EPA ID#: \_\_\_\_\_

Start Level: \_\_\_\_\_ End Level: \_\_\_\_\_ Total Gallons: \_\_\_\_\_ Tank Number: \_\_\_\_\_

8. U.S. DOT Description

	Container		Unit	Quantity
	No.	Type		
a. Non-Hazardous, non-regulated waste water				
<i>Quick Pastry 19</i>				<i>2923 gals (69")</i>

9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.

Printed/Typed Name: *Gary Long* Signature: *Gary Long* Date: *6-16-22*

10. Transporter Acknowledgment of Receipt of Materials  
 Printed/Typed Name: *Gary Long* Signature: *Gary Long* Date: *6-16-22*

11. Discrepancy Indication space: \_\_\_\_\_

12. Facility Owner or Operator: Certification of Receipt of Materials  
 Printed/Typed Name: *Dan Ward* Signature: *Dan Ward* Date: *6/16/22*

White - Facility      Yellow - Office      Pink - Transporter      Blue - Generator



Jun 16, 2022 10:40:16 AM  
106 East Kirksey Drive  
Greenwood County  
South Carolina





# US Water Recovery

<b>Non-Hazardous Manifest: Waste Water or Drums</b>		<b>Number:</b>	
1. Generator's EPA ID# (if applicable):		Waste ID Number:	
2. Generator's Name and Mailing Address: <i>Quick Pantry 19</i> <i>Greenville SC</i>		Phone ( )	
		P O #:	
3. Agent of Generator and Mailing Address: <i>KLM Env</i>		Phone ( )	
		P O #:	
4. Transporter Company Name: <i>KLM Env</i>		Phone ( )	
Truck & Trailer License Number:			
5. Transporter U.S. EPA ID#:			
6. Facility Name and Site Address: US Water Recovery 511 Old Mt. Holly Rd. Goose Creek, SC 29445		Mailing Address: US Water Recovery 511 Old Mt. Holly Rd. Goose Creek, SC 29445	
		Phone: (843) 797-3111 Fax: (843) 797-1884	
7. Facility U.S. EPA ID#:			
Start Level:	End Level:	Total Gallons:	Tank Number
8. U.S. DOT Description		Container	Unit
		No.	Type
a. Non-Hazardous, non-regulated waste water			
<i>Quick Pantry 19</i>			<i>3686 gals (70")</i>
9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.			
Printed/Typed Name: <i>Gary Long</i>		Signature: <i>[Signature]</i>	Date: <i>7-1-22</i>
10. Transporter Acknowledgement of Receipt of Materials			
Printed/Typed Name: <i>Gary Long</i>		Signature: <i>[Signature]</i>	Date: <i>7-1-22</i>
11. Discrepancy Indication space:			
12. Facility Owner or Operator: Certification of Receipt of Materials			
Printed/Typed Name: <i>Dave Kinsman</i>		Signature: <i>[Signature]</i>	Date: <i>7/1/22</i>

White - Facility      Yellow - Office      Pink - Transporter      Blue - Generator



Jun 29, 2022 2:51:06 PM  
1204 Main Street South  
Greenwood County  
South Carolina





# US Water Recovery

<b>Non-Hazardous Manifest: Waste Water or Drums</b>		<b>Number:</b>	
1. Generator's EPA ID# (if applicable):		Waste ID Number:	
2. Generator's Name and Mailing Address: <i>Quick Pantry 19</i>		Phone ( )	
<i>Greenville SC</i>		P O #:	
3. Agent of Generator and Mailing Address:		Phone ( )	
<i>KLM ENV</i>		P O #:	
4. Transporter Company Name:		Phone ( )	
<i>KLM ENV</i>			
Truck & Trailer License Number:			
5. Transporter U.S. EPA ID#:			
6. Facility Name and Site Address: US Water Recovery 511 Old Mt. Holly Rd. Goose Creek, SC 29445		Mailing Address: US Water Recovery 511 Old Mt. Holly Rd. Goose Creek, SC 29445	
		Phone: (843) 797-3111 Fax: (843) 797-1884	
7. Facility U.S. EPA ID#:			
Start Level:	End Level:	Total Gallons:	Tank Number
8. U.S. DOT Description		Container	Unit
		No.	Type
a. Non-Hazardous, non-regulated waste water			
<i>Quick Pantry 19</i>			<i>3686 gals (70")</i>
9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.			
Printed/Typed Name: <i>Gary Long</i>		Signature: <i>Gary Long</i>	
		Date: <i>7-14-22</i>	
10. Transporter Acknowledgement of Receipt of Materials			
Printed/Typed Name: <i>Gary Long</i>		Signature: <i>Gary Long</i>	
		Date: <i>7-14-22</i>	
11. Discrepancy Indication space:			
12. Facility Owner or Operator, Certification of Receipt of Materials			
Printed/Typed Name: <i>David Ward</i>		Signature: <i>David Ward</i>	
		Date: <i>7-14-22</i>	

White - Facility

Yellow - Office

Pink - Transporter

Blue - Generator

30156



Jul 14, 2022 12:37:29 PM  
106 East Kirksey Drive  
Greenwood County  
South Carolina





# US Water Recovery

<b>Non-Hazardous Manifest: Waste Water or Drums</b>		<b>Number:</b>	
1. Generator's EPA ID# (if applicable):		Waste ID Number:	
2. Generator's Name and Mailing Address: <i>Quick Pantry 19 Greenwood SC</i>		Phone ( )	
		P O #:	
3. Agent of Generator and Mailing Address: <i>KLM ENV</i>		Phone ( )	
		P O #:	
4. Transporter Company Name: <i>KLM ENV</i>		Phone ( )	
Truck & Trailer License Number:			
5. Transporter U.S. EPA ID#:			
6. Facility Name and Site Address: US Water Recovery 511 Old Mt. Holly Rd. Goose Creek, SC 29445		Mailing Address: US Water Recovery 511 Old Mt. Holly Rd. Goose Creek, SC 29445	
		Phone: (843) 797-3111	
		Fax: (843) 797-1884	
7. Facility U.S. EPA ID#:			
Start Level:		End Level:	
		Total Gallons:	
		Tank Number	
8. U.S. DOT Description			
		Container	
		Unit	
		Quantity	
a. Non-Hazardous, non-regulated waste water			
<i>Quick Pantry 19</i>		<i>1589 gals (39")</i>	
9. Generator's Certification; I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.			
Printed/Typed Name: <i>Gary Long</i>		Signature: <i>[Signature]</i>	
		Date: <i>7-15-22</i>	
10. Transporter Acknowledgement of Receipt of Materials			
Printed/Typed Name: <i>Gary Long</i>		Signature: <i>[Signature]</i>	
		Date: <i>7-15-22</i>	
11. Discrepancy Indication space:			
12. Facility Owner or Operator: Certification of Receipt of Materials			
Printed/Typed Name: <i>David White</i>		Signature: <i>[Signature]</i>	
		Date: <i>7-18-22</i>	

White - Facility      Yellow - Office      Pink - Transporter      Blue - Generator

27780

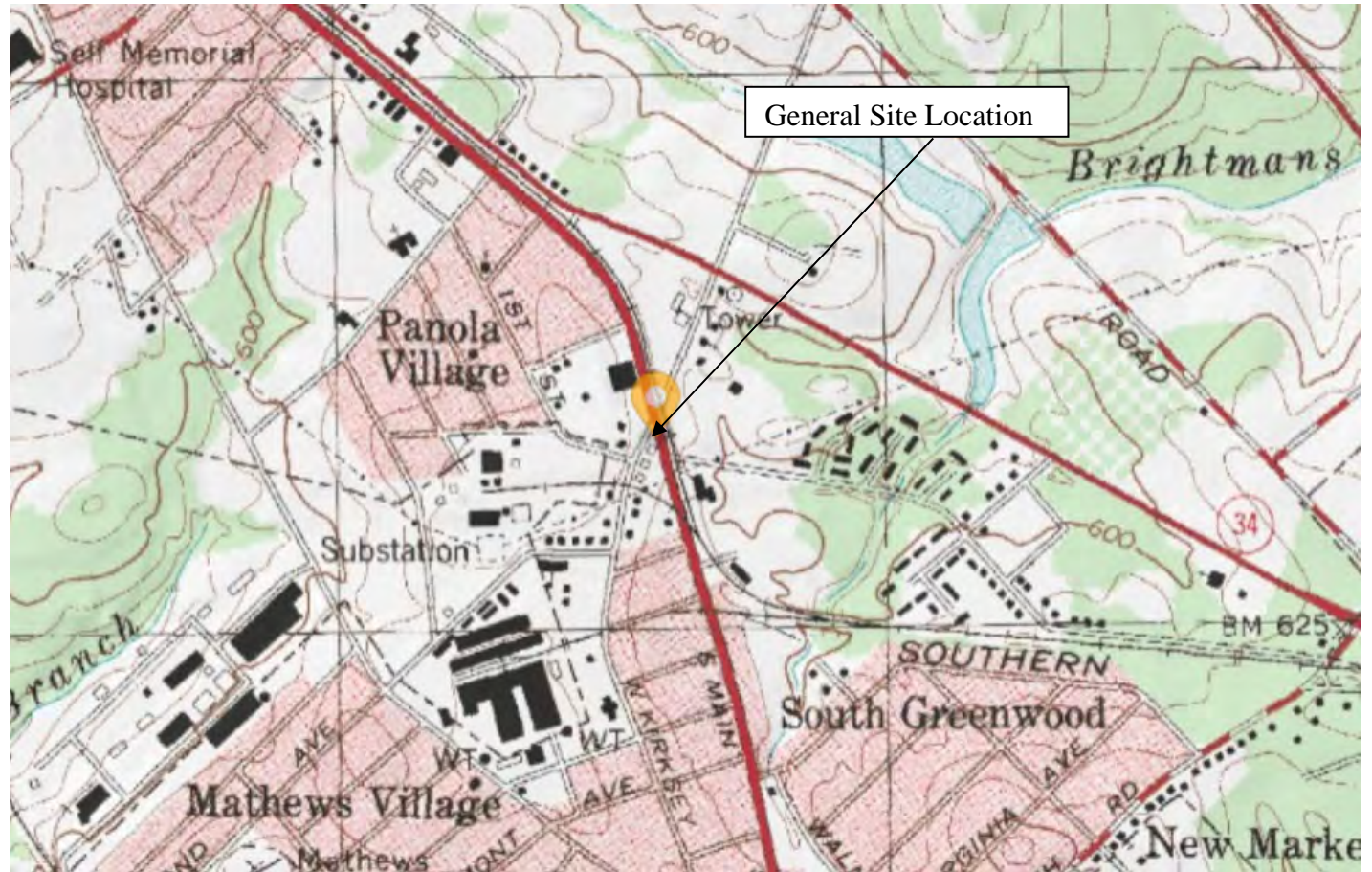


M. AT PS.I.G. HEADS MATL. 15 CR70  
MIN. HEADS THICK. 03125 IN.  
IN. MFD. HEADS THICK. 0325 IN.  
SQ. / FT. C.T.M.V. CERT. DATE 01/16/14  
WELD MATL. 235 MPK  
MAX. PAYLOAD LBS. TEST P PS.I.G.

Jul 15, 2022 5:41:16 PM







**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 1  
USGS Map  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785



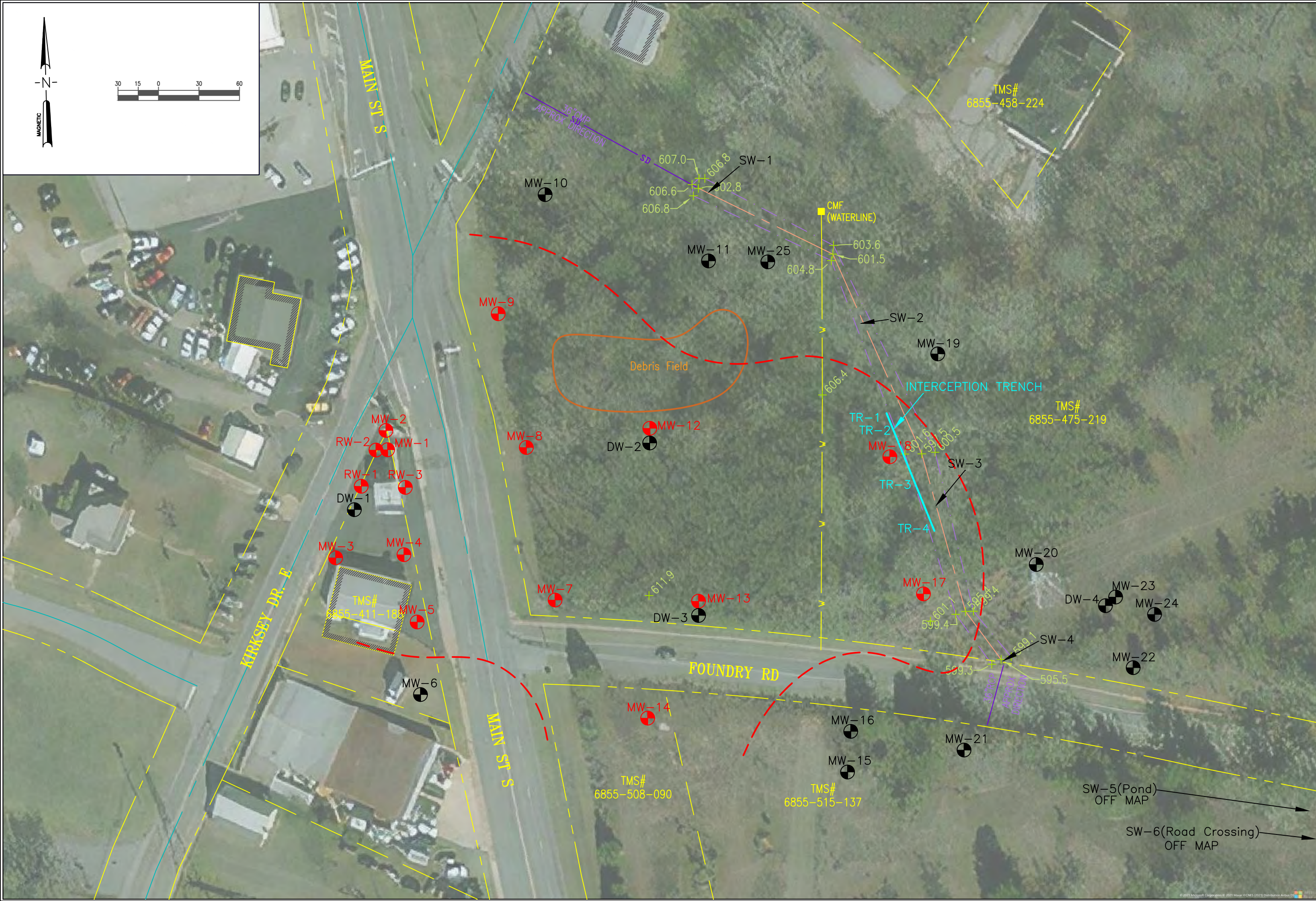
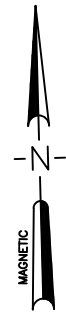


FIGURE 2

SITE MAP

QUICK PANTRY # 19

GREENWOOD, SC UST # 04785



**KLM Environmental, LLC**  
Phase I: Phase II: Underground Storage Tanks Soil & Water Sampling-Well Installation





**KLM Environmental, LLC**  
Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

**Figure 3**  
Thermal Oxidizer  
Quick Pantry # 19  
Greenwood, SC  
Project # 21547





Southern Excavation Area Old Booms



Southern Excavation Area Old Booms



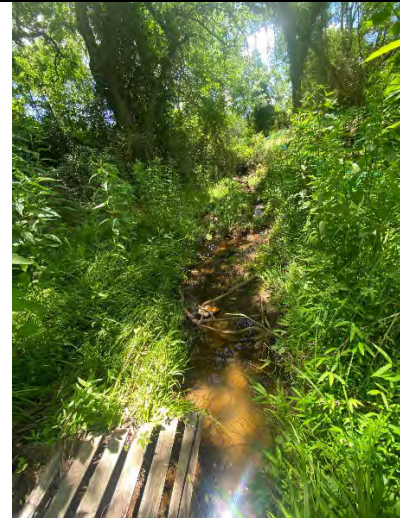
Northern Excavation Area Old Booms



Northern Excavation Area Old Booms



Northern Excavation Area Original Pit. Water is Black, No Life Present In Water.



View of Drainage Creek Next to Excavation Area Original Pit.



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

**Figure 4**

Photographs

Quick Pantry # 19

Greenwood, SC

UST # 04785

5-31-22





Old Booms Removed Southern Excavation.



Old Booms Being Removed Using a Tractor.



Old Boom Removal



New Boom #1 Installed Across Drainage Creek



New Boom Installed in Northern Excavation Original Pit Location.



New Boom Installed in Northern Excavation Original Pit Location.



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 5  
Photographs  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785 5-31-22





New Boom Installed Southern Excavation.



New Boom Installed Northern Excavation.



New Boom Installed



New Boom Installed



New Booms Installed.



New Boom Installed in Southern Excavation  
Looking North.



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

**Figure 6**

Photographs

Quick Pantry # 19

Greenwood, SC

UST # 04785

5-31-22





New Boom #2 in Drainage Creek.



New Boom #3 Installed in Drainage Creek.



New Boom #4 Installed in Pond.



Tar Like Substance in Original Drainage Pit.



Additional Booms Installed Northern Excavation.



Southern Excavation.



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 7

Photographs

Quick Pantry # 19

Greenwood, SC

UST # 04785

5-31-22



## QUOTATION #7504 Rev-2

October 3, 2013

**Mark Keller**  
**KLM Environmental (843) 870-4285**

**Re: 500 CFM Thermal Oxidizer No VES**



### 500-CFM Thermal Oxidizer General Specifications

**Baker Furnace, Inc.** is pleased to present this proposal to **KLM Environmental** for a Gas Fired 500-CFM Thermal Oxidizer System. This Oxidizer would be constructed as a “turnkey” system ready for operation and would have all the necessary instrumentation and controls to meet applicable Air Quality Standards. We are sure you will find our quality, value and services exceptional!

One (1) Gas Fired Thermal Oxidizer sized for 500 *SCFM*. Trailer Mounted System includes an FM Approved Flame Arrester, Air Pressure Switch, Pitot Tube with Pressure Transmitter, Carbon Steel Shell Insulated with High Temperature Insulation, U.L Classified Nema 4 Control Panel, Eclipse Package Burner with integrated combustion blower, Fully Modulating FM Fuel Train, and misc. Wiring and Piping.

### 500 SCFM Thermal/Catalytic Oxidizer Technical Specifications

Parameter	Thermal Mode
Destruction Efficiency	99%+
Operating Temperature	1450 Degrees F
Supplemental Fuel	Propane or Natural Gas
Maximum Concentration to Oxidizer	50% of LEL
Combustion Burner	Eclipse Ratio Air 1.5mm btu
Vacuum available	VES By Others
Stack Height (Discharge height)	Min. 13.5 feet from ground
Exit Velocity (No Rain Cap)	600 feet/min
Chart Recorder Measurements (3)	Temp In-Out & Flow
Overall Dimensional Footprint	7' x 11'L
Approximate Shipping Weight	5,500 lbs.
Inlet Pipe size for VES.	4" N.P.T.
Inlet pipe size for Supplemental Fuel	1" N.P.T.
Inlet Gas pressure required	5 PSI (Medium Pressure)
Fuel Supply Requirement (at meter)	1000 ft <sup>3</sup> /hr.
Electrical Service	120/240 VAC 1Ø
Dilution Air Blower	500 CFM Max
Residence Time for Vapors Oxidized	1-second residence time.



# KLM Environmental, LLC

Phase I: Phase II: Underground Storage Tanks: Soil & Water Sampling: Well Installation  
PO Box 2704 843-870-4285 Phone  
Goose Creek, SC 29445 843-797-1893 Fax

January 29, 2016

Mr. John Bryant  
SCDHEC – BUSTM  
2600 Bull Street  
Columbia, S.C. 29201

Re: Volume determination for vacuum truck

Mr. Bryant,

KLM uses a tank gauging stick along with a tank specific volume chart to determine the volume of liquid in the tanks on our vacuum trucks prior to each disposal. KLM has three different vacuum trucks, a 3,000 gallon Peter Built, a 3,700 gallon Volvo, and a 2,400 gallon Freightliner. Each truck has a specific chart to correlate inches of water in the tank to gallons of water in the tank. A copy of these charts are included.

The procedure is as follows. The truck operator parks the truck on level ground, gets out of the truck and climbs up the ladder on the side of the truck. He then walks down the catwalk fixed on the tank to the access port. The operator then opens the access port on the top of the tank and lowers a wooden tank gauging stick into the tank until it reaches the bottom. A picture of a typical tank gauging stick is included. The operator then pulls the stick out of the tank and looks for the water line to determine how many inches of water are in the tank. The operator then uses the chart to determine how many gallons of water are in the tank. Once the volume is determined using the chart associated with the particular truck he is driving, a manifest is filled out and the load is disposed of at the disposal facility.

If you have any questions or need anything else, please let me know.

Sincerely,

**KLM Environmental, LLC**

Micah Bennett, PG  
Vice President

Enclosures: Tank gauging stick photo, Truck specific tank volume charts



# 1 PIECE SOLID HARDWOOD GAUGE POLES



Typical gauging stick used in conjunction with tank chart to determine the volume of fluid in tank.



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation



### Freightliner Tank Chart

0.5	2.07	18	454.52
1	5.90	18.5	472.95
1.5	10.89	19	491.57
2	16.84	19.5	510.36
2.5	23.60	20	529.33
3	31.	20.5	548.46
3.49	39.27	21	567.75
4	48.06	21.5	587.19
4.5	57.42	22	606.78
5	67.32	22.5	626.51
5.5	77.74	23	646.38
6	88.64	23.5	666.38
6.5	100.00	24	686.50
6	111.80	24.5	706.74
7.5	124.028	25	727.09
8	136.64	25.5	747.55
8.5	149.65	26	768.11
9	163.03	26.5	788.77
9.5	176.77	27	809.52
10	190.86	27.5	830.35
10.5	205.27	27	851.27
11	220.01	28.5	872.26
11.5	235.0	29	893.32
12	250.406	29.5	914.45
12.5	266.04	30	935.63
13	281.95	30.5	956.87
13.5	298.133	30	978.16
13	314.576	31.5	999.50
14.5	331.274	32	1020.87
15	348.21	32.5	1042.28
15.5	365.38	33	1063.72
16	382.78	33.5	1085.18
16.5	400.40	34	1106.67
17	418.24	34.5	1128.16
17.5	436.28	35	1149.67



## Freightliner Tank Chart

35.5	1171.18	53	1887.85
36	1192.70	53.5	1906.09
36.5	1214.21	54	1924.13
37	1235.70	54.5	1941.96
37.5	1257.19	55	1959.59
38	1278.65	55.5	1976.99
38.5	1300.09	55.	1994.16
39	1321.50	56.5	2011.10
39.5	1342.87	57	2027.80
40	1364.2	57.5	2044.24
40.5	1385.50	58	2060.42
41	1406.74	58.5	2076.33
41.5	1427.92	59	2091.97
42	1449.05	59.5	2107.31
42.5	1470.1	60	2122.36
43	1491.10	60.5	2137.09
43.5	1512.02	61	2151.51
44	1532.85	61.5	2165.59
44.5	1553.60	62	2179.33
45	1574.26	62.5	2192.72
45.5	1594.82	63	2205.73
46	1615.28	63.5	2218.35
46.5	1635.63	64	2230.57
47	1655.87	64.5	2242.37
47.5	1675.99	65	2253.73
48	1695.99	65.5	2264.63
48.5	1715.85	66	2275.05
49	1735.59	66.5	2284.95
49.5	1755.18	67	2294.31
50	1774.62	67.5	2303.10
50.50	1793.91	68	2311.27
51	1813.04	68.5	2318.77
51.5	1832.01	69	2325.53
52	1850.80	69.5	2331.48
52.5	1869.42	70	2336.47



**VOLVO PRESVAC VOLUME CALCULATIONS**

Inches	Volume (Gallons)	Inches	Volume (Gallons)	Inches	Volume (Gallons)
0.5	3.21	15.5	553.90	30.5	1446.65
1	9.13	16	580.14	31	1478.91
1.5	16.82	16.5	606.71	31.5	1511.26
2	25.96	17	633.59	32	1543.68
2.5	36.33	17.5	660.78	32.5	1576.18
3	47.81	18	688.27	33	1608.74
3.5	60.30	18.5	716.05	33.5	1641.35
4	73.72	19	744.10	34	1674.01
4.5	88.00	19.5	772.42	34.5	1706.72
5	103.08	20	801.01	35	1739.46
5.5	118.94	20.5	829.84	35.5	1772.23
6	135.51	21	858.92	36	1805.03
6.5	152.77	21.5	888.23	36.5	1837.84
7	170.68	22	917.77	37	1870.66
7.5	189.22	22.5	947.52	37.5	1903.49
8	208.36	23	977.48	38	1936.31
8.5	228.08	23.5	1007.64	38.5	1969.12
9	248.34	24	1037.99	39	2001.92
9.5	269.14	24.5	1068.53	39.5	2034.69
10	290.44	25	1099.24	40	2067.43
10.5	312.24	25.5	1130.13	40.5	2100.14
11	334.52	26	1161.17	41	2132.80
11.5	357.25	26.5	1192.37	41.5	2165.42
12	380.43	27	1223.72	42	2197.97
12.5	404.03	27.5	1255.20	42.5	2230.47
13	428.05	28	1286.82	43	2262.89
13.5	452.47	28.5	1318.56	43.5	2295.24
14	477.28	29	1350.43	44	2327.50
14.5	502.46	29.5	1382.40	44.5	2359.68
15	528.01	30	1414.47	45	2391.75



Inches	Volume (Gallons)
45.5	2423.73
46	2455.59
46.5	2487.33
47	2518.95
47.5	2550.43
48	2581.78
48.5	2612.98
49	2644.03
49.5	2674.91
50	2705.62
50.5	2736.16
51	2766.51
51.5	2796.67
52	2826.63
52.5	2856.39
53	2885.92
53.5	2915.23
54	2944.31
54.5	2973.14
55	3001.73
55.5	3030.055
56	3058.11
56.5	3085.88
57	3113.37
57.5	3140.56
58	3167.45
58.5	3194.015
59	3220.25
59.5	3246.14
60	3271.69

Inches	Volume (Gallons)
60.5	3296.87
61	3321.68
61.5	3346.10
62	3370.12
62.5	3393.72
63	3416.90
63.5	3439.63
64	3461.91
64.5	3483.71
65	3505.02
65.5	3525.81
66	3546.08
66.5	3565.79
67	3584.93
67.5	3603.47
68	3621.38
68.5	3638.64
69	3655.22
69.5	3671.07
70	3686.16
70.5	3700.43
71	3713.85
71.5	3726.34
72	3737.82
72.5	3748.20
73	3757.33
73.5	3765.02
74	3770.94
74.5	3774.16



# Keith Huber Corp.

## Stick Chart

### Tank Volume Versus Liquid Depth

Serial Number

ESD30208146003D		Tank Diameter		76	
		Tank Length (Includes Straight Flanges)		137	
		Shell Thickness		0.3125	
		Total Tank Volume		2723.827253	
		Volume In Each Head		158.3308891	
		Total Gallons		3040.489032	
Inch	Gallons	Inch	Gallons	Inch	Gallons
1	7.217505372	27	966.48635	53	2299.3959
2	20.48481111	28	1016.8163	54	2346.3769
3	37.65302097	29	1067.5812	55	2392.5938
4	57.96052167	30	1118.7348	56	2437.9922
5	81	31	1170.2311	57	2482.516
6	106.3463786	32	1222.0245	58	2526.1068
7	133.8868258	33	1274.0701	59	2569
8	163.3985074	34	1326.3229	60	2610.2443
9	194.7294075	35	1378.7386	61	2650.6607
10	227.7497412	36	1431.2727	62	2689.8825
11	262.3460638	37	1483.8812	63	2727.8342
12	298.4173305	38	1536.52	64	2764.4346
13	335.8721483	39	1589.1451	65	2799.5953
14	374.6267953	40	1641.7123	66	2833.2192
15	414.6037517	41	1694.1776	67	2865.1979
16	455.7305851	42	1746.4967	68	2895.4082
17	497.9390875	43	1798.6252	69	2923.7074
18	541.1645952	44	1850.5184	70	2949.9252
19	585.3454443	45	1902.1314	71	2973.851
20	630.42253	46	1953.4189	72	2995.211
21	676.3389435	47	2004.335	73	3013.6224
22	723.0396711	48	2054.8335	74	3028.4784
23	770.4713419	49	2105	75	3039
24	818.5820132	50	2154.3897	76	#NUM!
25	867.3209875	51	2203.3515	77	#NUM!
26	916.6386547	52	2251.7036		

Nozzle openings, baffles and other tank components may cause a slight variance in tank capacity. Therefore, Keith Huber Corp. does not guarantee the accuracy of this chart.



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 14, 2022

Mark Keller  
KLM Environmental, LLC

P.O. Box 2704  
Goose Creek SC 29445

RE: Quick Pantry #19

Dear Mark Keller:

Order No: 2206176

Analytical Environmental Services, Inc. received 7 samples on 6/2/2022 9:21:00 AM  
for the analyses presented in following report.

“No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES’ certifications are as follows:

-South Carolina Certification number 98016003 for Clean Water Act and for Solid and Hazardous Waste, effective until 6/30/22.

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

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

Sincerely,

Eben Buchanan  
Project Manager



**CHAIN OF CUSTODY**

COMPANY: <b>KLM Environmental LLC</b>			ADDRESS: <b>PO Box 2704 Goose Creek, SC 29402</b>				ANALYSIS REQUESTED										Visit our website <a href="http://www.aesatlanta.com">www.aesatlanta.com</a> for downloadable COCs and to log in to your AESAccess account.	Number of Containers			
PHONE:			EMAIL: <b>mKeller131@comcast.net</b>				TCL VOCs	TCL SVOCs													
SAMPLED BY: <b>Graham Robinson</b>			SIGNATURE: <i>[Signature]</i>				PRESERVATION (see codes)										REMARKS				
#	SAMPLE ID	SAMPLED:		GRAB	COMPOSITE	MATRIX (see codes)	TCL VOCs		TCL SVOCs												
		DATE	TIME				#	NA													
1	#04785 ——— TR-1	5-31-22	1615	X		SW	X	X													
2	TR-2	5-31-22	1630	X		SW	X	X													
3	TR-3	5-31-22	1645	X		SW	X	X													
4	TR-4	5-31-22	1700	X		SW	X	X													
5	Dup-1	5-31-22	1620	X		SW	X	X													
6	Field Blank	5-31-22	1715	X		W	X														
7	Trip Blank					W	X														
8																					
9																					
10																					
11																					
12																					
13																					
14																					

RELINQUISHED BY: 1. <i>[Signature]</i>	DATE/TIME: 6-1-22/1630	RECEIVED BY: 1. <i>[Signature]</i>	DATE/TIME: 6/2/22 921	PROJECT INFORMATION				RECEIPT	
				PROJECT NAME:	Quick Pantry # 19			Total # of Containers	
				PROJECT #:				Turnaround Time (TAT) Request in Business Days	
				SITE ADDRESS:				<input type="checkbox"/> Standard <input type="checkbox"/> 4-Day Rush* <input type="checkbox"/> 3-Day Rush* <input type="checkbox"/> 2-Day Rush* <input type="checkbox"/> Next Day Rush* <input type="checkbox"/> Other _____ <input type="checkbox"/> Same-Day Rush* (auth req.)	
				SEND REPORT TO:	Mark Keller			*Surcharges apply for Rush TAT	
				INVOICE TO (IF DIFFERENT FROM ABOVE):				REGULATORY PROGRAM (if any):	
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD		QUOTE #:	2.1°C			DATA PACKAGE: I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/>	
		OUT: / /    VIA: IN: / /    VIA: Client <input checked="" type="radio"/> FedEx    UPS    US mail    courier other: _____							

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.

**Client:** KLM Environmental, LLC  
**Project:** Quick Pantry #19  
**Lab ID:** 2206176

**Case Narrative**

Volatiles Organic Compounds Analysis by Method 8260D:

Due to sample matrix, sample 2206176-002A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Semi-Volatiles Organic Compounds Analysis by Method 8270E:

LCS-337389 recovery for Di-n-octyl phthalate and Bis(2-ethylhexyl)phthalate was outside control limits biased high. Target analyte was not detected in the analytical samples and data is reportable with high bias.



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-1
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 4:15:00 PM
<b>Lab ID:</b> 2206176-001	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS</b>	<b>SW8270E</b>				<b>(SW3520)</b>			
1,1'-Biphenyl	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
2,4,5-Trichlorophenol	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
2,4,6-Trichlorophenol	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
2,4-Dichlorophenol	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
2,4-Dimethylphenol	20	10		ug/L	337389	1	06/09/2022 13:06	YH
2,4-Dinitrophenol	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
2,4-Dinitrotoluene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
2,6-Dinitrotoluene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
2-Chloronaphthalene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
2-Chlorophenol	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
2-Methylnaphthalene	13	10		ug/L	337389	1	06/09/2022 13:06	YH
2-Methylphenol	140	100		ug/L	337389	10	06/13/2022 11:50	YH
2-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
2-Nitrophenol	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
3,3'-Dichlorobenzidine	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
3-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
4-Bromophenyl phenyl ether	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
4-Chloro-3-methylphenol	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
4-Chloroaniline	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
4-Methylphenol	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
4-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
4-Nitrophenol	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
Acenaphthene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Acenaphthylene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Acetophenone	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Anthracene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Atrazine	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Benz(a)anthracene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Benzaldehyde	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Benzo(a)pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Benzo(b)fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Benzo(k)fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Bis(2-chloroethyl)ether	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Butyl benzyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Caprolactam	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Carbazole	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Chrysene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Di-n-butyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Di-n-octyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-1
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 4:15:00 PM
<b>Lab ID:</b> 2206176-001	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>		<b>(SW3520)</b>						
Dibenz(a,h)anthracene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Dibenzofuran	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Diethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Dimethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Fluorene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Hexachlorobenzene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Hexachlorobutadiene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Hexachloroethane	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Isophorone	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Naphthalene	64	10		ug/L	337389	1	06/09/2022 13:06	YH
Nitrobenzene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Pentachlorophenol	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
Phenanthrene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Phenol	41	10		ug/L	337389	1	06/09/2022 13:06	YH
Pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Surr: 2,4,6-Tribromophenol	138	46-135	S	%REC	337389	1	06/09/2022 13:06	YH
Surr: 2-Fluorobiphenyl	95	45-121		%REC	337389	1	06/09/2022 13:06	YH
Surr: 2-Fluorophenol	60	28.2-120		%REC	337389	1	06/09/2022 13:06	YH
Surr: 4-Terphenyl-d14	68.9	44-120		%REC	337389	1	06/09/2022 13:06	YH
Surr: Nitrobenzene-d5	112	41-123		%REC	337389	1	06/09/2022 13:06	YH
Surr: Phenol-d5	76.8	19.5-120		%REC	337389	1	06/09/2022 13:06	YH
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
1,1,1-Trichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,1,2-Trichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,1-Dichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,1-Dichloroethene	BRL	2.0		ug/L	337555	1	06/07/2022 21:15	OM
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,2-Dibromoethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,2-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,2-Dichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,2-Dichloropropane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,3-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,4-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
2-Butanone	11	10		ug/L	337555	1	06/07/2022 21:15	OM
2-Hexanone	BRL	10		ug/L	337555	1	06/07/2022 21:15	OM
4-Methyl-2-pentanone	BRL	10		ug/L	337555	1	06/07/2022 21:15	OM
Acetone	53	20		ug/L	337555	1	06/07/2022 21:15	OM

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

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-1
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 4:15:00 PM
<b>Lab ID:</b> 2206176-001	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
Benzene	780	10		ug/L	337555	10	06/09/2022 14:58	OM
Bromodichloromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Bromoform	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Bromomethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Carbon disulfide	BRL	5.0		ug/L	337555	1	06/07/2022 21:15	OM
Carbon tetrachloride	BRL	2.0		ug/L	337555	1	06/07/2022 21:15	OM
Chlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Chloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Chloroform	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Chloromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
cis-1,2-Dichloroethene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
cis-1,3-Dichloropropene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Cyclohexane	59	2.0		ug/L	337555	1	06/07/2022 21:15	OM
Dibromochloromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Dichlorodifluoromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Ethylbenzene	140	10		ug/L	337555	10	06/09/2022 14:58	OM
Freon-113	BRL	5.0		ug/L	337555	1	06/07/2022 21:15	OM
Isopropylbenzene	22	1.0		ug/L	337555	1	06/07/2022 21:15	OM
m,p-Xylene	600	10		ug/L	337555	10	06/09/2022 14:58	OM
Methyl acetate	BRL	2.0		ug/L	337555	1	06/07/2022 21:15	OM
Methyl tert-butyl ether	3.3	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Methylcyclohexane	49	2.0		ug/L	337555	1	06/07/2022 21:15	OM
Methylene chloride	BRL	5.0		ug/L	337555	1	06/07/2022 21:15	OM
o-Xylene	270	10		ug/L	337555	10	06/09/2022 14:58	OM
Styrene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Tetrachloroethene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Toluene	1700	100		ug/L	337555	100	06/06/2022 22:46	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	337555	1	06/07/2022 21:15	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	337555	1	06/07/2022 21:15	OM
Trichloroethene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Trichlorofluoromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Vinyl chloride	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Surr: 4-Bromofluorobenzene	97.1	70-130		%REC	337555	100	06/06/2022 22:46	OM
Surr: 4-Bromofluorobenzene	98.7	70-130		%REC	337555	1	06/07/2022 21:15	OM
Surr: 4-Bromofluorobenzene	99	70-130		%REC	337555	10	06/09/2022 14:58	OM
Surr: Dibromofluoromethane	92.9	70-130		%REC	337555	1	06/07/2022 21:15	OM
Surr: Dibromofluoromethane	95.4	70-130		%REC	337555	10	06/09/2022 14:58	OM
Surr: Dibromofluoromethane	96.1	70-130		%REC	337555	100	06/06/2022 22:46	OM
Surr: Toluene-d8	104	70-130		%REC	337555	1	06/07/2022 21:15	OM
Surr: Toluene-d8	103	70-130		%REC	337555	100	06/06/2022 22:46	OM
Surr: Toluene-d8	104	70-130		%REC	337555	10	06/09/2022 14:58	OM

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

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-2
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 4:30:00 PM
<b>Lab ID:</b> 2206176-002	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>					<b>(SW3520)</b>			
1,1'-Biphenyl	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
2,4,5-Trichlorophenol	BRL	25		ug/L	337389	1	06/09/2022 13:32	YH
2,4,6-Trichlorophenol	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
2,4-Dichlorophenol	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
2,4-Dimethylphenol	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
2,4-Dinitrophenol	BRL	25		ug/L	337389	1	06/09/2022 13:32	YH
2,4-Dinitrotoluene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
2,6-Dinitrotoluene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
2-Chloronaphthalene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
2-Chlorophenol	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
2-Methylnaphthalene	91	10		ug/L	337389	1	06/09/2022 13:32	YH
2-Methylphenol	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
2-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 13:32	YH
2-Nitrophenol	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
3,3'-Dichlorobenzidine	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
3-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 13:32	YH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	337389	1	06/09/2022 13:32	YH
4-Bromophenyl phenyl ether	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
4-Chloro-3-methylphenol	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
4-Chloroaniline	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
4-Methylphenol	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
4-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 13:32	YH
4-Nitrophenol	BRL	25		ug/L	337389	1	06/09/2022 13:32	YH
Acenaphthene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Acenaphthylene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Acetophenone	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Anthracene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Atrazine	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Benz(a)anthracene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Benzaldehyde	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Benzo(a)pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Benzo(b)fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Benzo(k)fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Bis(2-chloroethyl)ether	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Butyl benzyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Caprolactam	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Carbazole	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Chrysene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Di-n-butyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Di-n-octyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Lab ID:** 2206176-002

**Client Sample ID:** #04785-TR-2  
**Collection Date:** 5/31/2022 4:30:00 PM  
**Matrix:** Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>		<b>(SW3520)</b>						
Dibenz(a,h)anthracene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Dibenzofuran	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Diethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Dimethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Fluorene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Hexachlorobenzene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Hexachlorobutadiene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Hexachloroethane	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Isophorone	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Naphthalene	140	10		ug/L	337389	1	06/09/2022 13:32	YH
Nitrobenzene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Pentachlorophenol	BRL	25		ug/L	337389	1	06/09/2022 13:32	YH
Phenanthrene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Phenol	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Surr: 2,4,6-Tribromophenol	153	46-135	S	%REC	337389	1	06/09/2022 13:32	YH
Surr: 2-Fluorobiphenyl	103	45-121		%REC	337389	1	06/09/2022 13:32	YH
Surr: 2-Fluorophenol	55.3	28.2-120		%REC	337389	1	06/09/2022 13:32	YH
Surr: 4-Terphenyl-d14	78.8	44-120		%REC	337389	1	06/09/2022 13:32	YH
Surr: Nitrobenzene-d5	115	41-123		%REC	337389	1	06/09/2022 13:32	YH
Surr: Phenol-d5	82	19.5-120		%REC	337389	1	06/09/2022 13:32	YH
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
1,1,1-Trichloroethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,1,2,2-Tetrachloroethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,1,2-Trichloroethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,1-Dichloroethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,1-Dichloroethene	BRL	200		ug/L	337555	100	06/06/2022 23:08	OM
1,2,4-Trichlorobenzene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,2-Dibromo-3-chloropropane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,2-Dibromoethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,2-Dichlorobenzene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,2-Dichloroethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,2-Dichloropropane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,3-Dichlorobenzene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,4-Dichlorobenzene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
2-Butanone	BRL	1000		ug/L	337555	100	06/06/2022 23:08	OM
2-Hexanone	BRL	1000		ug/L	337555	100	06/06/2022 23:08	OM
4-Methyl-2-pentanone	BRL	1000		ug/L	337555	100	06/06/2022 23:08	OM
Acetone	BRL	2000		ug/L	337555	100	06/06/2022 23:08	OM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-2
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 4:30:00 PM
<b>Lab ID:</b> 2206176-002	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
Benzene	930	100		ug/L	337555	100	06/06/2022 23:08	OM
Bromodichloromethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Bromoform	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Bromomethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Carbon disulfide	BRL	500		ug/L	337555	100	06/06/2022 23:08	OM
Carbon tetrachloride	BRL	200		ug/L	337555	100	06/06/2022 23:08	OM
Chlorobenzene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Chloroethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Chloroform	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Chloromethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
cis-1,2-Dichloroethene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
cis-1,3-Dichloropropene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Cyclohexane	BRL	200		ug/L	337555	100	06/06/2022 23:08	OM
Dibromochloromethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Dichlorodifluoromethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Ethylbenzene	1200	100		ug/L	337555	100	06/06/2022 23:08	OM
Freon-113	BRL	500		ug/L	337555	100	06/06/2022 23:08	OM
Isopropylbenzene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
m,p-Xylene	4900	100		ug/L	337555	100	06/06/2022 23:08	OM
Methyl acetate	BRL	200		ug/L	337555	100	06/06/2022 23:08	OM
Methyl tert-butyl ether	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Methylcyclohexane	BRL	200		ug/L	337555	100	06/06/2022 23:08	OM
Methylene chloride	BRL	500		ug/L	337555	100	06/06/2022 23:08	OM
o-Xylene	2100	100		ug/L	337555	100	06/06/2022 23:08	OM
Styrene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Tetrachloroethene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Toluene	5700	100		ug/L	337555	100	06/06/2022 23:08	OM
trans-1,2-Dichloroethene	BRL	200		ug/L	337555	100	06/06/2022 23:08	OM
trans-1,3-Dichloropropene	BRL	200		ug/L	337555	100	06/06/2022 23:08	OM
Trichloroethene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Trichlorofluoromethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Vinyl chloride	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Surr: 4-Bromofluorobenzene	100	70-130		%REC	337555	100	06/06/2022 23:08	OM
Surr: Dibromofluoromethane	95.5	70-130		%REC	337555	100	06/06/2022 23:08	OM
Surr: Toluene-d8	102	70-130		%REC	337555	100	06/06/2022 23:08	OM

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

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-3
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 4:45:00 PM
<b>Lab ID:</b> 2206176-003	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>					<b>(SW3520)</b>			
1,1'-Biphenyl	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
2,4,5-Trichlorophenol	BRL	25		ug/L	337389	1	06/09/2022 13:59	YH
2,4,6-Trichlorophenol	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
2,4-Dichlorophenol	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
2,4-Dimethylphenol	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
2,4-Dinitrophenol	BRL	25		ug/L	337389	1	06/09/2022 13:59	YH
2,4-Dinitrotoluene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
2,6-Dinitrotoluene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
2-Chloronaphthalene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
2-Chlorophenol	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
2-Methylnaphthalene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
2-Methylphenol	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
2-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 13:59	YH
2-Nitrophenol	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
3,3'-Dichlorobenzidine	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
3-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 13:59	YH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	337389	1	06/09/2022 13:59	YH
4-Bromophenyl phenyl ether	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
4-Chloro-3-methylphenol	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
4-Chloroaniline	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
4-Methylphenol	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
4-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 13:59	YH
4-Nitrophenol	BRL	25		ug/L	337389	1	06/09/2022 13:59	YH
Acenaphthene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Acenaphthylene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Acetophenone	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Anthracene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Atrazine	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Benz(a)anthracene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Benzaldehyde	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Benzo(a)pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Benzo(b)fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Benzo(k)fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Bis(2-chloroethyl)ether	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Butyl benzyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Caprolactam	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Carbazole	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Chrysene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Di-n-butyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Di-n-octyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Lab ID:** 2206176-003

**Client Sample ID:** #04785-TR-3  
**Collection Date:** 5/31/2022 4:45:00 PM  
**Matrix:** Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>		<b>(SW3520)</b>						
Dibenz(a,h)anthracene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Dibenzofuran	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Diethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Dimethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Fluorene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Hexachlorobenzene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Hexachlorobutadiene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Hexachloroethane	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Isophorone	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Naphthalene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Nitrobenzene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Pentachlorophenol	BRL	25		ug/L	337389	1	06/09/2022 13:59	YH
Phenanthrene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Phenol	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Surr: 2,4,6-Tribromophenol	148	46-135	S	%REC	337389	1	06/09/2022 13:59	YH
Surr: 2-Fluorobiphenyl	113	45-121		%REC	337389	1	06/09/2022 13:59	YH
Surr: 2-Fluorophenol	61.6	28.2-120		%REC	337389	1	06/09/2022 13:59	YH
Surr: 4-Terphenyl-d14	97.9	44-120		%REC	337389	1	06/09/2022 13:59	YH
Surr: Nitrobenzene-d5	121	41-123		%REC	337389	1	06/09/2022 13:59	YH
Surr: Phenol-d5	91.4	19.5-120		%REC	337389	1	06/09/2022 13:59	YH
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
1,1,1-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,1,2-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,1-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,1-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 19:27	OM
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,2-Dibromoethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,2-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,2-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,2-Dichloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,3-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,4-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
2-Butanone	BRL	10		ug/L	337555	1	06/06/2022 19:27	OM
2-Hexanone	BRL	10		ug/L	337555	1	06/06/2022 19:27	OM
4-Methyl-2-pentanone	BRL	10		ug/L	337555	1	06/06/2022 19:27	OM
Acetone	57	20		ug/L	337555	1	06/07/2022 17:14	OM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-3
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 4:45:00 PM
<b>Lab ID:</b> 2206176-003	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>					<b>(SW5030B)</b>			
Benzene	66	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Bromodichloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Bromoform	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Bromomethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Carbon disulfide	BRL	5.0		ug/L	337555	1	06/06/2022 19:27	OM
Carbon tetrachloride	BRL	2.0		ug/L	337555	1	06/06/2022 19:27	OM
Chlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Chloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Chloroform	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Chloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
cis-1,2-Dichloroethene	1.9	1.0		ug/L	337555	1	06/06/2022 19:27	OM
cis-1,3-Dichloropropene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Cyclohexane	26	2.0		ug/L	337555	1	06/06/2022 19:27	OM
Dibromochloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Dichlorodifluoromethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Ethylbenzene	12	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Freon-113	BRL	5.0		ug/L	337555	1	06/06/2022 19:27	OM
Isopropylbenzene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
m,p-Xylene	140	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Methyl acetate	BRL	2.0		ug/L	337555	1	06/06/2022 19:27	OM
Methyl tert-butyl ether	1.2	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Methylcyclohexane	13	2.0		ug/L	337555	1	06/06/2022 19:27	OM
Methylene chloride	BRL	5.0		ug/L	337555	1	06/06/2022 19:27	OM
o-Xylene	68	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Styrene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Tetrachloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Toluene	140	1.0		ug/L	337555	1	06/06/2022 19:27	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 19:27	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	337555	1	06/06/2022 19:27	OM
Trichloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Trichlorofluoromethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Vinyl chloride	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Surr: 4-Bromofluorobenzene	94.6	70-130		%REC	337555	1	06/07/2022 17:14	OM
Surr: 4-Bromofluorobenzene	101	70-130		%REC	337555	1	06/06/2022 19:27	OM
Surr: Dibromofluoromethane	94.8	70-130		%REC	337555	1	06/06/2022 19:27	OM
Surr: Dibromofluoromethane	97.3	70-130		%REC	337555	1	06/07/2022 17:14	OM
Surr: Toluene-d8	103	70-130		%REC	337555	1	06/06/2022 19:27	OM
Surr: Toluene-d8	103	70-130		%REC	337555	1	06/07/2022 17:14	OM

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

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-4
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 5:00:00 PM
<b>Lab ID:</b> 2206176-004	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>					<b>(SW3520)</b>			
1,1'-Biphenyl	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
2,4,5-Trichlorophenol	BRL	25		ug/L	337389	1	06/09/2022 11:47	YH
2,4,6-Trichlorophenol	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
2,4-Dichlorophenol	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
2,4-Dimethylphenol	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
2,4-Dinitrophenol	BRL	25		ug/L	337389	1	06/09/2022 11:47	YH
2,4-Dinitrotoluene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
2,6-Dinitrotoluene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
2-Chloronaphthalene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
2-Chlorophenol	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
2-Methylnaphthalene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
2-Methylphenol	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
2-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 11:47	YH
2-Nitrophenol	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
3,3'-Dichlorobenzidine	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
3-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 11:47	YH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	337389	1	06/09/2022 11:47	YH
4-Bromophenyl phenyl ether	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
4-Chloro-3-methylphenol	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
4-Chloroaniline	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
4-Methylphenol	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
4-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 11:47	YH
4-Nitrophenol	BRL	25		ug/L	337389	1	06/09/2022 11:47	YH
Acenaphthene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Acenaphthylene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Acetophenone	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Anthracene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Atrazine	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Benz(a)anthracene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Benzaldehyde	10	10		ug/L	337389	1	06/09/2022 11:47	YH
Benzo(a)pyrene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Benzo(b)fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Benzo(k)fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Bis(2-chloroethyl)ether	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Butyl benzyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Caprolactam	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Carbazole	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Chrysene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Di-n-butyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Di-n-octyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH

**Qualifiers:**

- \* Value exceeds maximum contaminant level
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<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-4
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 5:00:00 PM
<b>Lab ID:</b> 2206176-004	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>		<b>(SW3520)</b>						
Dibenz(a,h)anthracene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Dibenzofuran	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Diethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Dimethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Fluorene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Hexachlorobenzene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Hexachlorobutadiene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Hexachloroethane	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Isophorone	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Naphthalene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Nitrobenzene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Pentachlorophenol	BRL	25		ug/L	337389	1	06/09/2022 11:47	YH
Phenanthrene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Phenol	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Pyrene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Surr: 2,4,6-Tribromophenol	152	46-135	S	%REC	337389	1	06/09/2022 11:47	YH
Surr: 2-Fluorobiphenyl	103	45-121		%REC	337389	1	06/09/2022 11:47	YH
Surr: 2-Fluorophenol	66	28.2-120		%REC	337389	1	06/09/2022 11:47	YH
Surr: 4-Terphenyl-d14	112	44-120		%REC	337389	1	06/09/2022 11:47	YH
Surr: Nitrobenzene-d5	113	41-123		%REC	337389	1	06/09/2022 11:47	YH
Surr: Phenol-d5	89.4	19.5-120		%REC	337389	1	06/09/2022 11:47	YH
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
1,1,1-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,1,2-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,1-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,1-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 17:59	OM
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,2-Dibromoethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,2-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,2-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,2-Dichloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,3-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,4-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
2-Butanone	BRL	10		ug/L	337555	1	06/06/2022 17:59	OM
2-Hexanone	BRL	10		ug/L	337555	1	06/06/2022 17:59	OM
4-Methyl-2-pentanone	BRL	10		ug/L	337555	1	06/06/2022 17:59	OM
Acetone	43	20		ug/L	337555	1	06/07/2022 17:36	OM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-4
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 5:00:00 PM
<b>Lab ID:</b> 2206176-004	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>					<b>(SW5030B)</b>			
Benzene	18	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Bromodichloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Bromoform	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Bromomethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Carbon disulfide	BRL	5.0		ug/L	337555	1	06/06/2022 17:59	OM
Carbon tetrachloride	BRL	2.0		ug/L	337555	1	06/06/2022 17:59	OM
Chlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Chloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Chloroform	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Chloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
cis-1,2-Dichloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
cis-1,3-Dichloropropene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Cyclohexane	17	2.0		ug/L	337555	1	06/06/2022 17:59	OM
Dibromochloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Dichlorodifluoromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Ethylbenzene	2.0	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Freon-113	BRL	5.0		ug/L	337555	1	06/06/2022 17:59	OM
Isopropylbenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
m,p-Xylene	68	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Methyl acetate	BRL	2.0		ug/L	337555	1	06/06/2022 17:59	OM
Methyl tert-butyl ether	1.1	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Methylcyclohexane	6.6	2.0		ug/L	337555	1	06/06/2022 17:59	OM
Methylene chloride	BRL	5.0		ug/L	337555	1	06/06/2022 17:59	OM
o-Xylene	41	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Styrene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Tetrachloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Toluene	43	1.0		ug/L	337555	1	06/06/2022 17:59	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 17:59	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	337555	1	06/06/2022 17:59	OM
Trichloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Trichlorofluoromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Vinyl chloride	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Surr: 4-Bromofluorobenzene	100	70-130		%REC	337555	1	06/06/2022 17:59	OM
Surr: 4-Bromofluorobenzene	96.6	70-130		%REC	337555	1	06/07/2022 17:36	OM
Surr: Dibromofluoromethane	94.4	70-130		%REC	337555	1	06/06/2022 17:59	OM
Surr: Dibromofluoromethane	97	70-130		%REC	337555	1	06/07/2022 17:36	OM
Surr: Toluene-d8	102	70-130		%REC	337555	1	06/06/2022 17:59	OM
Surr: Toluene-d8	103	70-130		%REC	337555	1	06/07/2022 17:36	OM

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Lab ID:** 2206176-005

**Client Sample ID:** #04785-DUP-1  
**Collection Date:** 5/31/2022 4:20:00 PM  
**Matrix:** Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS</b>	<b>SW8270E</b>				<b>(SW3520)</b>			
1,1'-Biphenyl	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
2,4,5-Trichlorophenol	BRL	25		ug/L	337389	1	06/09/2022 14:25	YH
2,4,6-Trichlorophenol	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
2,4-Dichlorophenol	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
2,4-Dimethylphenol	19	10		ug/L	337389	1	06/09/2022 14:25	YH
2,4-Dinitrophenol	BRL	25		ug/L	337389	1	06/09/2022 14:25	YH
2,4-Dinitrotoluene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
2,6-Dinitrotoluene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
2-Chloronaphthalene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
2-Chlorophenol	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
2-Methylnaphthalene	19	10		ug/L	337389	1	06/09/2022 14:25	YH
2-Methylphenol	170	100		ug/L	337389	10	06/13/2022 12:16	YH
2-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 14:25	YH
2-Nitrophenol	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
3,3'-Dichlorobenzidine	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
3-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 14:25	YH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	337389	1	06/09/2022 14:25	YH
4-Bromophenyl phenyl ether	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
4-Chloro-3-methylphenol	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
4-Chloroaniline	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
4-Methylphenol	18	10		ug/L	337389	1	06/09/2022 14:25	YH
4-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 14:25	YH
4-Nitrophenol	BRL	25		ug/L	337389	1	06/09/2022 14:25	YH
Acenaphthene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Acenaphthylene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Acetophenone	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Anthracene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Atrazine	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Benz(a)anthracene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Benzaldehyde	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Benzo(a)pyrene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Benzo(b)fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Benzo(k)fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Bis(2-chloroethyl)ether	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Butyl benzyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Caprolactam	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Carbazole	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Chrysene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Di-n-butyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Di-n-octyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
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- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Lab ID:** 2206176-005

**Client Sample ID:** #04785-DUP-1  
**Collection Date:** 5/31/2022 4:20:00 PM  
**Matrix:** Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>		<b>(SW3520)</b>						
Dibenz(a,h)anthracene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Dibenzofuran	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Diethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Dimethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Fluorene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Hexachlorobenzene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Hexachlorobutadiene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Hexachloroethane	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Isophorone	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Naphthalene	70	10		ug/L	337389	1	06/09/2022 14:25	YH
Nitrobenzene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Pentachlorophenol	BRL	25		ug/L	337389	1	06/09/2022 14:25	YH
Phenanthrene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Phenol	72	10		ug/L	337389	1	06/09/2022 14:25	YH
Pyrene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Surr: 2,4,6-Tribromophenol	144	46-135	S	%REC	337389	1	06/09/2022 14:25	YH
Surr: 2-Fluorobiphenyl	87.9	45-121		%REC	337389	1	06/09/2022 14:25	YH
Surr: 2-Fluorophenol	72	28.2-120		%REC	337389	1	06/09/2022 14:25	YH
Surr: 4-Terphenyl-d14	88	44-120		%REC	337389	1	06/09/2022 14:25	YH
Surr: Nitrobenzene-d5	126	41-123	S	%REC	337389	1	06/09/2022 14:25	YH
Surr: Phenol-d5	95	19.5-120		%REC	337389	1	06/09/2022 14:25	YH
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
1,1,1-Trichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,1,2-Trichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,1-Dichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,1-Dichloroethene	BRL	2.0		ug/L	337555	1	06/07/2022 21:59	OM
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,2-Dibromoethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,2-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,2-Dichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,2-Dichloropropane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,3-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,4-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
2-Butanone	19	10		ug/L	337555	1	06/07/2022 21:59	OM
2-Hexanone	BRL	10		ug/L	337555	1	06/07/2022 21:59	OM
4-Methyl-2-pentanone	BRL	10		ug/L	337555	1	06/07/2022 21:59	OM
Acetone	87	20		ug/L	337555	1	06/07/2022 21:59	OM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-DUP-1
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 4:20:00 PM
<b>Lab ID:</b> 2206176-005	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>					<b>(SW5030B)</b>			
Benzene	1100	100		ug/L	337555	100	06/06/2022 23:30	OM
Bromodichloromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Bromoform	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Bromomethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Carbon disulfide	BRL	5.0		ug/L	337555	1	06/07/2022 21:59	OM
Carbon tetrachloride	BRL	2.0		ug/L	337555	1	06/07/2022 21:59	OM
Chlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Chloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Chloroform	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Chloromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
cis-1,2-Dichloroethene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
cis-1,3-Dichloropropene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Cyclohexane	72	2.0		ug/L	337555	1	06/07/2022 21:59	OM
Dibromochloromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Dichlorodifluoromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Ethylbenzene	190	10		ug/L	337555	10	06/09/2022 15:19	OM
Freon-113	BRL	5.0		ug/L	337555	1	06/07/2022 21:59	OM
Isopropylbenzene	12	1.0		ug/L	337555	1	06/07/2022 21:59	OM
m,p-Xylene	790	10		ug/L	337555	10	06/09/2022 15:19	OM
Methyl acetate	BRL	2.0		ug/L	337555	1	06/07/2022 21:59	OM
Methyl tert-butyl ether	6.4	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Methylcyclohexane	31	2.0		ug/L	337555	1	06/07/2022 21:59	OM
Methylene chloride	BRL	5.0		ug/L	337555	1	06/07/2022 21:59	OM
o-Xylene	360	10		ug/L	337555	10	06/09/2022 15:19	OM
Styrene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Tetrachloroethene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Toluene	2100	100		ug/L	337555	100	06/06/2022 23:30	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	337555	1	06/07/2022 21:59	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	337555	1	06/07/2022 21:59	OM
Trichloroethene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Trichlorofluoromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Vinyl chloride	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Surr: 4-Bromofluorobenzene	96	70-130		%REC	337555	1	06/07/2022 21:59	OM
Surr: 4-Bromofluorobenzene	98.2	70-130		%REC	337555	100	06/06/2022 23:30	OM
Surr: 4-Bromofluorobenzene	98.9	70-130		%REC	337555	10	06/09/2022 15:19	OM
Surr: Dibromofluoromethane	89.3	70-130		%REC	337555	1	06/07/2022 21:59	OM
Surr: Dibromofluoromethane	95.7	70-130		%REC	337555	100	06/06/2022 23:30	OM
Surr: Dibromofluoromethane	98.6	70-130		%REC	337555	10	06/09/2022 15:19	OM
Surr: Toluene-d8	101	70-130		%REC	337555	1	06/07/2022 21:59	OM
Surr: Toluene-d8	102	70-130		%REC	337555	100	06/06/2022 23:30	OM
Surr: Toluene-d8	102	70-130		%REC	337555	10	06/09/2022 15:19	OM

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

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-FIELD BLANK
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 5:15:00 PM
<b>Lab ID:</b> 2206176-006	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>					<b>(SW5030B)</b>			
1,1,1-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,1,2-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,1-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,1-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 17:37	OM
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,2-Dibromoethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,2-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,2-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,2-Dichloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,3-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,4-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
2-Butanone	BRL	10		ug/L	337555	1	06/06/2022 17:37	OM
2-Hexanone	BRL	10		ug/L	337555	1	06/06/2022 17:37	OM
4-Methyl-2-pentanone	BRL	10		ug/L	337555	1	06/06/2022 17:37	OM
Acetone	BRL	20		ug/L	337555	1	06/06/2022 17:37	OM
Benzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Bromodichloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Bromoform	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Bromomethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Carbon disulfide	BRL	5.0		ug/L	337555	1	06/06/2022 17:37	OM
Carbon tetrachloride	BRL	2.0		ug/L	337555	1	06/06/2022 17:37	OM
Chlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Chloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Chloroform	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Chloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
cis-1,2-Dichloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
cis-1,3-Dichloropropene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Cyclohexane	BRL	2.0		ug/L	337555	1	06/06/2022 17:37	OM
Dibromochloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Dichlorodifluoromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Ethylbenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Freon-113	BRL	5.0		ug/L	337555	1	06/06/2022 17:37	OM
Isopropylbenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
m,p-Xylene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Methyl acetate	BRL	2.0		ug/L	337555	1	06/06/2022 17:37	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Methylcyclohexane	BRL	2.0		ug/L	337555	1	06/06/2022 17:37	OM
Methylene chloride	BRL	5.0		ug/L	337555	1	06/06/2022 17:37	OM
o-Xylene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Styrene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Tetrachloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Toluene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 17:37	OM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit





**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Lab ID:** 2206176-007

**Client Sample ID:** #04785-TRIP BLANK  
**Collection Date:** 5/31/2022  
**Matrix:** Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>					<b>(SW5030B)</b>			
1,1,1-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,1,2-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,1-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,1-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 10:59	OM
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,2-Dibromoethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,2-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,2-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,2-Dichloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,3-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,4-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
2-Butanone	BRL	10		ug/L	337555	1	06/06/2022 10:59	OM
2-Hexanone	BRL	10		ug/L	337555	1	06/06/2022 10:59	OM
4-Methyl-2-pentanone	BRL	10		ug/L	337555	1	06/06/2022 10:59	OM
Acetone	BRL	20		ug/L	337555	1	06/06/2022 10:59	OM
Benzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Bromodichloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Bromoform	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Bromomethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Carbon disulfide	BRL	5.0		ug/L	337555	1	06/06/2022 10:59	OM
Carbon tetrachloride	BRL	2.0		ug/L	337555	1	06/06/2022 10:59	OM
Chlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Chloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Chloroform	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Chloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
cis-1,2-Dichloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
cis-1,3-Dichloropropene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Cyclohexane	BRL	2.0		ug/L	337555	1	06/06/2022 10:59	OM
Dibromochloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Dichlorodifluoromethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Ethylbenzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Freon-113	BRL	5.0		ug/L	337555	1	06/06/2022 10:59	OM
Isopropylbenzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
m,p-Xylene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Methyl acetate	BRL	2.0		ug/L	337555	1	06/06/2022 10:59	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Methylcyclohexane	BRL	2.0		ug/L	337555	1	06/06/2022 10:59	OM
Methylene chloride	BRL	5.0		ug/L	337555	1	06/06/2022 10:59	OM
o-Xylene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Styrene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Tetrachloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Toluene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 10:59	OM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TRIP BLANK
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022
<b>Lab ID:</b> 2206176-007	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>								
					<b>(SW5030B)</b>			
trans-1,3-Dichloropropene	BRL	2.0		ug/L	337555	1	06/06/2022 10:59	OM
Trichloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Trichlorofluoromethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Vinyl chloride	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Surr: 4-Bromofluorobenzene	98	70-130		%REC	337555	1	06/06/2022 10:59	OM
Surr: Dibromofluoromethane	98.6	70-130		%REC	337555	1	06/06/2022 10:59	OM
Surr: Toluene-d8	100	70-130		%REC	337555	1	06/06/2022 10:59	OM

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

**SAMPLE/COOLER RECEIPT CHECKLIST**

1. Client Name: **KLM ENV, LLC**

AES Work Order Number: **2206176**

2. Carrier: FedEx  UPS  USPS  Client  Courier  Other \_\_\_\_\_

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

13. Cooler 1 Temperature 2.1 °C    Cooler 2 Temperature \_\_\_\_\_ °C    Cooler 3 Temperature \_\_\_\_\_ °C    Cooler 4 Temperature \_\_\_\_\_ °C  
 14. Cooler 5 Temperature \_\_\_\_\_ °C    Cooler 6 Temperature \_\_\_\_\_ °C    Cooler 7 Temperature \_\_\_\_\_ °C    Cooler 8 Temperature \_\_\_\_\_ °C

15. Comments: \_\_\_\_\_

I certify that I have completed sections 1-15 (dated initials). KK 6/3/22

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

27. Comments: \_\_\_\_\_

This section only applies to samples where pH can be checked at Sample Receipt.

I certify that I have completed sections 16-27 (dated initials). KK 6/3/22

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
29. Containers meet preservation guidelines?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
30. Was pH adjusted at Sample Receipt?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		

\* Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/TPH.

This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.

I certify that I have completed sections 28-30 (dated initials). KK 6/3/22

Locked



Client: KLM Environmental, LLC  
 Project Name: Quick Pantry #19  
 Lab Order: 2206176

### Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2206176-001A	#04785-TR-1	5/31/2022 4:15:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/06/2022
2206176-001A	#04785-TR-1	5/31/2022 4:15:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/07/2022
2206176-001A	#04785-TR-1	5/31/2022 4:15:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/09/2022
2206176-001B	#04785-TR-1	5/31/2022 4:15:00PM	Surface Water	TCL-SEMIVOLATILE ORGANICS		6/6/2022 7:11:00 AM	06/09/2022
2206176-001B	#04785-TR-1	5/31/2022 4:15:00PM	Surface Water	TCL-SEMIVOLATILE ORGANICS		6/6/2022 7:11:00 AM	06/13/2022
2206176-002A	#04785-TR-2	5/31/2022 4:30:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/06/2022
2206176-002B	#04785-TR-2	5/31/2022 4:30:00PM	Surface Water	TCL-SEMIVOLATILE ORGANICS		6/6/2022 7:11:00 AM	06/09/2022
2206176-003A	#04785-TR-3	5/31/2022 4:45:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/06/2022
2206176-003A	#04785-TR-3	5/31/2022 4:45:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/07/2022
2206176-003B	#04785-TR-3	5/31/2022 4:45:00PM	Surface Water	TCL-SEMIVOLATILE ORGANICS		6/6/2022 7:11:00 AM	06/09/2022
2206176-004A	#04785-TR-4	5/31/2022 5:00:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/06/2022
2206176-004A	#04785-TR-4	5/31/2022 5:00:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/07/2022
2206176-004B	#04785-TR-4	5/31/2022 5:00:00PM	Surface Water	TCL-SEMIVOLATILE ORGANICS		6/6/2022 7:11:00 AM	06/09/2022
2206176-005A	#04785-DUP-1	5/31/2022 4:20:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/06/2022
2206176-005A	#04785-DUP-1	5/31/2022 4:20:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/07/2022
2206176-005A	#04785-DUP-1	5/31/2022 4:20:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/09/2022
2206176-005B	#04785-DUP-1	5/31/2022 4:20:00PM	Surface Water	TCL-SEMIVOLATILE ORGANICS		6/6/2022 7:11:00 AM	06/09/2022
2206176-005B	#04785-DUP-1	5/31/2022 4:20:00PM	Surface Water	TCL-SEMIVOLATILE ORGANICS		6/6/2022 7:11:00 AM	06/13/2022
2206176-006A	#04785-FIELD BLANK	5/31/2022 5:15:00PM	Aqueous	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/06/2022
2206176-007A	#04785-TRIP BLANK	5/31/2022 12:00:00AM	Aqueous	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/06/2022

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337389**

Sample ID: <b>MB-337389</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488136</b>							
Sample Type: <b>MBLK</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357472</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1'-Biphenyl	BRL	10									
2,4,5-Trichlorophenol	BRL	25									
2,4,6-Trichlorophenol	BRL	10									
2,4-Dichlorophenol	BRL	10									
2,4-Dimethylphenol	BRL	10									
2,4-Dinitrophenol	BRL	25									
2,4-Dinitrotoluene	BRL	10									
2,6-Dinitrotoluene	BRL	10									
2-Chloronaphthalene	BRL	10									
2-Chlorophenol	BRL	10									
2-Methylnaphthalene	BRL	10									
2-Methylphenol	BRL	10									
2-Nitroaniline	BRL	25									
2-Nitrophenol	BRL	10									
3,3'-Dichlorobenzidine	BRL	10									
3-Nitroaniline	BRL	25									
4,6-Dinitro-2-methylphenol	BRL	25									
4-Bromophenyl phenyl ether	BRL	10									
4-Chloro-3-methylphenol	BRL	10									
4-Chloroaniline	BRL	10									
4-Chlorophenyl phenyl ether	BRL	10									
4-Methylphenol	BRL	10									
4-Nitroaniline	BRL	25									
4-Nitrophenol	BRL	25									
Acenaphthene	BRL	10									
Acenaphthylene	BRL	10									
Acetophenone	BRL	10									

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337389**

Sample ID: <b>MB-337389</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488136</b>							
SampleType: <b>MBLK</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357472</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Anthracene	BRL	10									
Atrazine	BRL	10									
Benz(a)anthracene	BRL	10									
Benzaldehyde	BRL	10									
Benzo(a)pyrene	BRL	10									
Benzo(b)fluoranthene	BRL	10									
Benzo(g,h,i)perylene	BRL	10									
Benzo(k)fluoranthene	BRL	10									
Bis(2-chloroethoxy)methane	BRL	10									
Bis(2-chloroethyl)ether	BRL	10									
Bis(2-chloroisopropyl)ether	BRL	10									
Bis(2-ethylhexyl)phthalate	BRL	10									
Butyl benzyl phthalate	BRL	10									
Caprolactam	BRL	10									
Carbazole	BRL	10									
Chrysene	BRL	10									
Di-n-butyl phthalate	BRL	10									
Di-n-octyl phthalate	BRL	10									
Dibenz(a,h)anthracene	BRL	10									
Dibenzofuran	BRL	10									
Diethyl phthalate	BRL	10									
Dimethyl phthalate	BRL	10									
Fluoranthene	BRL	10									
Fluorene	BRL	10									
Hexachlorobenzene	BRL	10									
Hexachlorobutadiene	BRL	10									
Hexachlorocyclopentadiene	BRL	10									

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

Client: KLM Environmental, LLC  
 Project Name: Quick Pantry #19  
 Workorder: 2206176

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 337389

Sample ID: <b>MB-337389</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488136</b>							
SampleType: <b>MBLK</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357472</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Hexachloroethane	BRL	10									
Indeno(1,2,3-cd)pyrene	BRL	10									
Isophorone	BRL	10									
N-Nitrosodi-n-propylamine	BRL	10									
N-Nitrosodiphenylamine	BRL	10									
Naphthalene	BRL	10									
Nitrobenzene	BRL	10									
Pentachlorophenol	BRL	25									
Phenanthrene	BRL	10									
Phenol	BRL	10									
Pyrene	BRL	10									
Surr: 2,4,6-Tribromophenol	130.7	0	100.0		131	46	135				
Surr: 2-Fluorobiphenyl	48.65	0	50.00		97.3	45	121				
Surr: 2-Fluorophenol	68.80	0	100.0		68.8	28.2	120				
Surr: 4-Terphenyl-d14	54.36	0	50.00		109	44	120				
Surr: Nitrobenzene-d5	53.38	0	50.00		107	41	123				
Surr: Phenol-d5	79.73	0	100.0		79.7	19.5	120				

Sample ID: <b>LCS-337389</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488121</b>							
SampleType: <b>LCS</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357912</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4,5-Trichlorophenol	99.57	25	100.0		99.6	70	130				
2,4,6-Trichlorophenol	95.97	10	100.0		96.0	70	130				
2,4-Dichlorophenol	73.31	10	100.0		73.3	70	130				
2,4-Dimethylphenol	71.30	10	100.0		71.3	50	130				
2,4-Dinitrotoluene	98.75	10	100.0		98.8	70	130				
2,6-Dinitrotoluene	116.9	10	100.0		117	70	130				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337389**

Sample ID: <b>LCS-337389</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488121</b>
SampleType: <b>LCS</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357912</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Chlorophenol	80.53	10	100.0		80.5	50	130				
2-Methylphenol	86.54	10	100.0		86.5	70	130				
3,3'-Dichlorobenzidine	73.70	10	100.0		73.7	20	130				
4-Bromophenyl phenyl ether	107.3	10	100.0		107	70	130				
4-Chloro-3-methylphenol	94.03	10	100.0		94.0	70	130				
4-Methylphenol	98.72	10	100.0		98.7	70	130				
Acenaphthene	155.8	10	150.0		104	70	130				
Acenaphthylene	123.4	10	100.0		123	70	130				
Anthracene	99.30	10	100.0		99.3	70	130				
Benz(a)anthracene	103.0	10	100.0		103	70	130				
Benzo(a)pyrene	61.82	10	50.00		124	70	130				
Benzo(b)fluoranthene	112.6	10	100.0		113	70	130				
Bis(2-chloroethoxy)methane	100.8	10	100.0		101	70	130				
Bis(2-chloroethyl)ether	97.99	10	100.0		98.0	70	130				
Bis(2-chloroisopropyl)ether	76.75	10	100.0		76.8	50	130				
Bis(2-ethylhexyl)phthalate	144.3	10	100.0		144	70	130				S
Chrysene	99.71	10	100.0		99.7	70	130				
Di-n-butyl phthalate	116.2	10	100.0		116	70	130				
Di-n-octyl phthalate	67.59	10	50.00		135	70	130				S
Dibenz(a,h)anthracene	106.6	10	100.0		107	70	130				
Diethyl phthalate	104.0	10	100.0		104	70	130				
Dimethyl phthalate	114.3	10	100.0		114	70	130				
Fluoranthene	52.59	10	50.00		105	70	130				
Fluorene	100.7	10	100.0		101	70	130				
Hexachlorobenzene	93.17	10	100.0		93.2	70	130				
Hexachlorobutadiene	127.8	10	150.0		85.2	40	130				
N-Nitrosodiphenylamine	157.5	10	150.0		105	40	130				

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337389**

Sample ID: <b>LCS-337389</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488121</b>							
SampleType: <b>LCS</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357912</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Naphthalene	90.70	10	100.0		90.7	70	130				
Nitrobenzene	108.5	10	100.0		109	70	130				
Pyrene	104.3	10	100.0		104	70	130				
Surr: 2,4,6-Tribromophenol	100.6	0	100.0		101	46	135				
Surr: 2-Fluorobiphenyl	54.57	0	50.00		109	45	121				
Surr: 2-Fluorophenol	70.73	0	100.0		70.7	28.2	120				
Surr: 4-Terphenyl-d14	56.06	0	50.00		112	44	120				
Surr: Nitrobenzene-d5	53.63	0	50.00		107	41	123				
Surr: Phenol-d5	93.56	0	100.0		93.6	19.5	120				

Sample ID: <b>2206176-004BMS</b>	Client ID: <b>#04785-TR-4</b>	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488136</b>							
SampleType: <b>MS</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357481</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4,5-Trichlorophenol	114.3	25	100.0		114	46.2	120				
2,4,6-Trichlorophenol	111.8	10	100.0		112	47.2	120				
2,4-Dichlorophenol	78.13	10	100.0		78.1	40.4	120				
2,4-Dimethylphenol	85.41	10	100.0		85.4	40.1	120				
2,4-Dinitrotoluene	121.0	10	100.0		121	45.1	120				S
2,6-Dinitrotoluene	129.6	10	100.0		130	50.6	130				
2-Chlorophenol	78.40	10	100.0		78.4	41.7	120				
2-Methylphenol	88.24	10	100.0		88.2	47.9	120				
3,3'-Dichlorobenzidine	BRL	10	100.0		7.19	23	116				S
4-Bromophenyl phenyl ether	112.1	10	100.0		112	54.9	132				
4-Chloro-3-methylphenol	109.4	10	100.0		109	40	120				
4-Methylphenol	98.05	10	100.0		98.0	50	120				
Acenaphthene	150.0	10	150.0		100	44.4	118				
Acenaphthylene	111.7	10	100.0		112	61.7	123				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337389**

Sample ID: <b>2206176-004BMS</b>	Client ID: <b>#04785-TR-4</b>	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488136</b>
SampleType: <b>MS</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357481</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	93.15	10	100.0		93.2	56	117				
Benz(a)anthracene	102.7	10	100.0		103	58.2	122				
Benzo(a)pyrene	56.09	10	50.00		112	52.1	134				
Benzo(b)fluoranthene	106.6	10	100.0		107	50.6	130				
Bis(2-chloroethoxy)methane	94.62	10	100.0		94.6	50	120				
Bis(2-chloroethyl)ether	86.36	10	100.0		86.4	50.6	120				
Bis(2-chloroisopropyl)ether	50.73	10	100.0		50.7	48.6	119				
Bis(2-ethylhexyl)phthalate	134.5	10	100.0		135	60.4	131				S
Chrysene	93.72	10	100.0		93.7	52.7	121				
Di-n-butyl phthalate	116.0	10	100.0		116	52.3	129				
Di-n-octyl phthalate	66.50	10	50.00		133	63.8	129				S
Dibenz(a,h)anthracene	116.6	10	100.0		117	52.9	131				
Diethyl phthalate	116.2	10	100.0		116	50.1	123				
Dimethyl phthalate	120.6	10	100.0		121	59.2	121				
Fluoranthene	52.12	10	50.00		104	57.7	129				
Fluorene	98.27	10	100.0		98.3	51.1	118				
Hexachlorobenzene	99.89	10	100.0		99.9	52.9	129				
Hexachlorobutadiene	139.9	10	150.0		93.3	45	127				
N-Nitrosodiphenylamine	134.6	10	150.0		89.7	44.3	120				
Naphthalene	90.83	10	100.0		90.8	50.2	120				
Nitrobenzene	107.4	10	100.0		107	52	124				
Pyrene	102.1	10	100.0		102	50.4	118				
Surr: 2,4,6-Tribromophenol	140.9	0	100.0		141	46	135				S
Surr: 2-Fluorobiphenyl	50.11	0	50.00		100	45	121				
Surr: 2-Fluorophenol	72.49	0	100.0		72.5	28.2	120				
Surr: 4-Terphenyl-d14	53.70	0	50.00		107	44	120				
Surr: Nitrobenzene-d5	59.72	0	50.00		119	41	123				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337389**

Sample ID: <b>2206176-004BMS</b>	Client ID: <b>#04785-TR-4</b>	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488136</b>							
SampleType: <b>MS</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357481</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Phenol-d5                      87.04                      0                      100.0                      87.0                      19.5                      120

Sample ID: <b>2206176-004BMSD</b>	Client ID: <b>#04785-TR-4</b>	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488136</b>							
SampleType: <b>MSD</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357492</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4,5-Trichlorophenol	110.9	25	100.0		111	46.2	120	114.3	3.01	23.7	
2,4,6-Trichlorophenol	109.1	10	100.0		109	47.2	120	111.8	2.44	24.8	
2,4-Dichlorophenol	79.53	10	100.0		79.5	40.4	120	78.13	1.78	30.4	
2,4-Dimethylphenol	83.29	10	100.0		83.3	40.1	120	85.41	2.51	21.4	
2,4-Dinitrotoluene	119.0	10	100.0		119	45.1	120	121.0	1.70	29.5	
2,6-Dinitrotoluene	124.5	10	100.0		124	50.6	130	129.6	4.05	21.2	
2-Chlorophenol	76.12	10	100.0		76.1	41.7	120	78.40	2.95	33.8	
2-Methylphenol	84.69	10	100.0		84.7	47.9	120	88.24	4.11	24.1	
3,3'-Dichlorobenzidine	BRL	10	100.0		6.22	23	116	7.190	0	26.3	S
4-Bromophenyl phenyl ether	106.9	10	100.0		107	54.9	132	112.1	4.72	20.2	
4-Chloro-3-methylphenol	113.1	10	100.0		113	40	120	109.4	3.32	35	
4-Methylphenol	96.87	10	100.0		96.9	50	120	98.05	1.21	33.2	
Acenaphthene	143.8	10	150.0		95.9	44.4	118	150.0	4.23	27.9	
Acenaphthylene	106.0	10	100.0		106	61.7	123	111.7	5.27	20.5	
Anthracene	90.46	10	100.0		90.5	56	117	93.15	2.93	20.8	
Benz(a)anthracene	102.2	10	100.0		102	58.2	122	102.7	0.508	19.5	
Benzo(a)pyrene	58.92	10	50.00		118	52.1	134	56.09	4.92	28.1	
Benzo(b)fluoranthene	107.5	10	100.0		108	50.6	130	106.6	0.897	25.4	
Bis(2-chloroethoxy)methane	89.19	10	100.0		89.2	50	120	94.62	5.91	21.5	
Bis(2-chloroethyl)ether	82.19	10	100.0		82.2	50.6	120	86.36	4.95	24.5	
Bis(2-chloroisopropyl)ether	61.58	10	100.0		61.6	48.6	119	50.73	19.3	30.3	
Bis(2-ethylhexyl)phthalate	137.2	10	100.0		137	60.4	131	134.5	1.95	18.9	S

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

Client: KLM Environmental, LLC  
 Project Name: Quick Pantry #19  
 Workorder: 2206176

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 337389

Sample ID: 2206176-004BMSD	Client ID: #04785-TR-4	Units: ug/L	Prep Date: 06/06/2022	Run No: 488136
SampleType: MSD	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 337389	Analysis Date: 06/09/2022	Seq No: 11357492

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chrysene	94.27	10	100.0		94.3	52.7	121	93.72	0.585	18.7	
Di-n-butyl phthalate	113.8	10	100.0		114	52.3	129	116.0	1.90	19.8	
Di-n-octyl phthalate	68.05	10	50.00		136	63.8	129	66.50	2.30	21	S
Dibenz(a,h)anthracene	117.6	10	100.0		118	52.9	131	116.6	0.811	23.1	
Diethyl phthalate	114.1	10	100.0		114	50.1	123	116.2	1.78	19.7	
Dimethyl phthalate	115.4	10	100.0		115	59.2	121	120.6	4.40	19.6	
Fluoranthene	51.29	10	50.00		103	57.7	129	52.12	1.61	19.4	
Fluorene	97.66	10	100.0		97.7	51.1	118	98.27	0.623	18.4	
Hexachlorobenzene	100.5	10	100.0		100	52.9	129	99.89	0.579	20.1	
Hexachlorobutadiene	139.0	10	150.0		92.7	45	127	139.9	0.660	26.1	
N-Nitrosodiphenylamine	136.1	10	150.0		90.7	44.3	120	134.6	1.14	43.9	
Naphthalene	87.68	10	100.0		87.7	50.2	120	90.83	3.53	21.6	
Nitrobenzene	105.2	10	100.0		105	52	124	107.4	2.07	23	
Pyrene	102.8	10	100.0		103	50.4	118	102.1	0.693	27.2	
Surr: 2,4,6-Tribromophenol	134.9	0	100.0		135	46	135	140.9	0	0	
Surr: 2-Fluorobiphenyl	48.16	0	50.00		96.3	45	121	50.11	0	0	
Surr: 2-Fluorophenol	60.02	0	100.0		60.0	28.2	120	72.49	0	0	
Surr: 4-Terphenyl-d14	54.01	0	50.00		108	44	120	53.70	0	0	
Surr: Nitrobenzene-d5	57.25	0	50.00		114	41	123	59.72	0	0	
Surr: Phenol-d5	85.36	0	100.0		85.4	19.5	120	87.04	0	0	

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337555**

Sample ID: <b>MB-337555</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>							
SampleType: <b>MBLK</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/06/2022</b>	Seq No: <b>11349983</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	1.0									
1,1,2,2-Tetrachloroethane	BRL	1.0									
1,1,2-Trichloroethane	BRL	1.0									
1,1-Dichloroethane	BRL	1.0									
1,1-Dichloroethene	BRL	2.0									
1,2,4-Trichlorobenzene	BRL	1.0									
1,2-Dibromo-3-chloropropane	BRL	1.0									
1,2-Dibromoethane	BRL	1.0									
1,2-Dichlorobenzene	BRL	1.0									
1,2-Dichloroethane	BRL	1.0									
1,2-Dichloropropane	BRL	1.0									
1,3-Dichlorobenzene	BRL	1.0									
1,4-Dichlorobenzene	BRL	1.0									
2-Butanone	BRL	10									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	20									
Benzene	BRL	1.0									
Bromodichloromethane	BRL	1.0									
Bromoform	BRL	1.0									
Bromomethane	BRL	1.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	2.0									
Chlorobenzene	BRL	1.0									
Chloroethane	BRL	1.0									
Chloroform	BRL	1.0									
Chloromethane	BRL	1.0									

<b>Qualifiers:</b>	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
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**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337555**

Sample ID: <b>MB-337555</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>							
SampleType: <b>MBLK</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/06/2022</b>	Seq No: <b>11349983</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

cis-1,2-Dichloroethene	BRL	1.0									
cis-1,3-Dichloropropene	BRL	1.0									
Cyclohexane	BRL	2.0									
Dibromochloromethane	BRL	1.0									
Dichlorodifluoromethane	BRL	1.0									
Ethylbenzene	BRL	1.0									
Freon-113	BRL	5.0									
Isopropylbenzene	BRL	1.0									
m,p-Xylene	BRL	1.0									
Methyl acetate	BRL	2.0									
Methyl tert-butyl ether	BRL	1.0									
Methylcyclohexane	BRL	2.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	1.0									
Styrene	BRL	1.0									
Tetrachloroethene	BRL	1.0									
Toluene	BRL	1.0									
trans-1,2-Dichloroethene	BRL	2.0									
trans-1,3-Dichloropropene	BRL	2.0									
Trichloroethene	BRL	1.0									
Trichlorofluoromethane	BRL	1.0									
Vinyl chloride	BRL	1.0									
Surr: 4-Bromofluorobenzene	49.30	0	50.00		98.6	70	130				
Surr: Dibromofluoromethane	48.39	0	50.00		96.8	70	130				
Surr: Toluene-d8	50.51	0	50.00		101	70	130				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337555**

Sample ID: <b>LCS-337555</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>
SampleType: <b>LCS</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/06/2022</b>	Seq No: <b>11350563</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	42.50	1.0	50.00		85.0	70	130				
1,1,2,2-Tetrachloroethane	42.74	1.0	50.00		85.5	70	130				
1,1,2-Trichloroethane	42.26	1.0	50.00		84.5	70	130				
1,1-Dichloroethane	40.89	1.0	50.00		81.8	70	130				
1,1-Dichloroethene	45.35	2.0	50.00		90.7	60	140				
1,2,4-Trichlorobenzene	46.25	1.0	50.00		92.5	70	130				
1,2-Dibromo-3-chloropropane	37.24	1.0	50.00		74.5	70	130				
1,2-Dibromoethane	45.59	1.0	50.00		91.2	70	130				
1,2-Dichlorobenzene	46.89	1.0	50.00		93.8	70	130				
1,2-Dichloroethane	38.21	1.0	50.00		76.4	70	130				
1,2-Dichloropropane	40.79	1.0	50.00		81.6	70	130				
1,3-Dichlorobenzene	46.52	1.0	50.00		93.0	70	130				
1,4-Dichlorobenzene	45.72	1.0	50.00		91.4	70	130				
Benzene	42.06	1.0	50.00		84.1	70	130				
Bromodichloromethane	40.32	1.0	50.00		80.6	70	130				
Bromoform	60.67	1.0	50.00		121	70	130				
Carbon tetrachloride	47.77	2.0	50.00		95.5	70	130				
Chlorobenzene	44.08	1.0	50.00		88.2	70	130				
Chloroform	39.72	1.0	50.00		79.4	70	130				
cis-1,2-Dichloroethene	42.83	1.0	50.00		85.7	70	130				
cis-1,3-Dichloropropene	44.00	1.0	50.00		88.0	70	130				
Dibromochloromethane	49.12	1.0	50.00		98.2	70	130				
Ethylbenzene	44.52	1.0	50.00		89.0	70	130				
Isopropylbenzene	45.11	1.0	50.00		90.2	70	130				
m,p-Xylene	89.38	1.0	100.0		89.4	70	130				
Methylene chloride	42.82	5.0	50.00		85.6	70	130				
o-Xylene	44.23	1.0	50.00		88.5	70	130				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337555**

Sample ID: <b>LCS-337555</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>							
SampleType: <b>LCS</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/06/2022</b>	Seq No: <b>11350563</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Styrene	44.95	1.0	50.00		89.9	70	130				
Tetrachloroethene	48.64	1.0	50.00		97.3	70	130				
Toluene	42.12	1.0	50.00		84.2	70	130				
trans-1,2-Dichloroethene	43.81	2.0	50.00		87.6	70	130				
trans-1,3-Dichloropropene	44.18	2.0	50.00		88.4	70	130				
Trichloroethene	43.52	1.0	50.00		87.0	70	130				
Vinyl chloride	57.44	1.0	50.00		115	70	130				
Surr: 4-Bromofluorobenzene	49.22	0	50.00		98.4	70	130				
Surr: Dibromofluoromethane	48.77	0	50.00		97.5	70	130				
Surr: Toluene-d8	49.46	0	50.00		98.9	70	130				

Sample ID: <b>2206430-001AMS</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>							
SampleType: <b>MS</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/07/2022</b>	Seq No: <b>11354117</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	18.59	1.0	20.00		93.0	71	140				
1,1,2,2-Tetrachloroethane	19.05	1.0	20.00		95.2	68.4	135				
1,1,2-Trichloroethane	17.59	1.0	20.00		88.0	72.8	134				
1,1-Dichloroethane	18.36	1.0	20.00		91.8	68	137				
1,1-Dichloroethene	22.25	2.0	20.00		111	67.6	143				
1,2,4-Trichlorobenzene	14.93	1.0	20.00		74.6	60	138				
1,2-Dibromo-3-chloropropane	14.48	1.0	20.00		72.4	56.5	134				
1,2-Dibromoethane	18.56	1.0	20.00		92.8	74.7	132				
1,2-Dichlorobenzene	18.25	1.0	20.00		91.2	73.2	134				
1,2-Dichloroethane	15.18	1.0	20.00		75.9	72.1	135				
1,2-Dichloropropane	17.89	1.0	20.00		89.4	72	135				
1,3-Dichlorobenzene	18.92	1.0	20.00		94.6	73	134				
1,4-Dichlorobenzene	18.32	1.0	20.00		91.6	73	133				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337555**

Sample ID: <b>2206430-001AMS</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>							
SampleType: <b>MS</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/07/2022</b>	Seq No: <b>11354117</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	18.87	1.0	20.00		94.4	70.5	136				
Bromodichloromethane	15.93	1.0	20.00		79.6	71.8	135				
Bromoform	20.03	1.0	20.00		100	57.2	136				
Carbon tetrachloride	19.25	2.0	20.00		96.2	72.4	144				
Chlorobenzene	18.47	1.0	20.00		92.4	77.1	133				
Chloroform	17.81	1.0	20.00		89.0	71.7	134				
cis-1,2-Dichloroethene	18.51	1.0	20.00		92.6	71.4	136				
cis-1,3-Dichloropropene	16.18	1.0	20.00		80.9	68.3	131				
Dibromochloromethane	17.80	1.0	20.00		89.0	67.5	136				
Ethylbenzene	19.04	1.0	20.00		95.2	70	134				
Isopropylbenzene	19.99	1.0	20.00		100.0	72.3	136				
m,p-Xylene	36.97	1.0	40.00		92.4	66.3	138				
Methylene chloride	17.98	5.0	20.00		89.9	65.4	132				
o-Xylene	18.34	1.0	20.00		91.7	67.1	136				
Styrene	17.92	1.0	20.00		89.6	77.3	134				
Tetrachloroethene	20.08	1.0	20.00		100	72.9	141				
Toluene	18.13	1.0	20.00		90.6	66.4	140				
trans-1,2-Dichloroethene	19.37	2.0	20.00		96.8	69.7	138				
trans-1,3-Dichloropropene	15.16	2.0	20.00		75.8	65.2	130				
Trichloroethene	18.34	1.0	20.00		91.7	75.1	140				
Vinyl chloride	27.27	1.0	20.00		136	60.7	145				
Surr: 4-Bromofluorobenzene	49.54	0	50.00		99.1	70	130				
Surr: Dibromofluoromethane	49.56	0	50.00		99.1	70	130				
Surr: Toluene-d8	51.05	0	50.00		102	70	130				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337555**

Sample ID: <b>2206430-001AMSD</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>
SampleType: <b>MSD</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/07/2022</b>	Seq No: <b>11354118</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	18.79	1.0	20.00		94.0	71	140	18.59	1.07	20	
1,1,2,2-Tetrachloroethane	19.57	1.0	20.00		97.8	68.4	135	19.05	2.69	20	
1,1,2-Trichloroethane	17.41	1.0	20.00		87.0	72.8	134	17.59	1.03	20	
1,1-Dichloroethane	18.63	1.0	20.00		93.2	68	137	18.36	1.46	20	
1,1-Dichloroethene	22.67	2.0	20.00		113	67.6	143	22.25	1.87	19.6	
1,2,4-Trichlorobenzene	12.88	1.0	20.00		64.4	60	138	14.93	14.7	21.7	
1,2-Dibromo-3-chloropropane	15.10	1.0	20.00		75.5	56.5	134	14.48	4.19	20	
1,2-Dibromoethane	18.45	1.0	20.00		92.2	74.7	132	18.56	0.594	20	
1,2-Dichlorobenzene	17.65	1.0	20.00		88.2	73.2	134	18.25	3.34	20	
1,2-Dichloroethane	15.90	1.0	20.00		79.5	72.1	135	15.18	4.63	20	
1,2-Dichloropropane	17.54	1.0	20.00		87.7	72	135	17.89	1.98	20	
1,3-Dichlorobenzene	18.20	1.0	20.00		91.0	73	134	18.92	3.88	20	
1,4-Dichlorobenzene	17.35	1.0	20.00		86.8	73	133	18.32	5.44	20	
Benzene	18.55	1.0	20.00		92.8	70.5	136	18.87	1.71	20	
Bromodichloromethane	15.94	1.0	20.00		79.7	71.8	135	15.93	0.063	20	
Bromoform	19.33	1.0	20.00		96.6	57.2	136	20.03	3.56	20	
Carbon tetrachloride	19.74	2.0	20.00		98.7	72.4	144	19.25	2.51	20	
Chlorobenzene	17.92	1.0	20.00		89.6	77.1	133	18.47	3.02	20	
Chloroform	17.99	1.0	20.00		90.0	71.7	134	17.81	1.01	20	
cis-1,2-Dichloroethene	18.89	1.0	20.00		94.4	71.4	136	18.51	2.03	20	
cis-1,3-Dichloropropene	15.53	1.0	20.00		77.6	68.3	131	16.18	4.10	20	
Dibromochloromethane	17.65	1.0	20.00		88.2	67.5	136	17.80	0.846	20	
Ethylbenzene	18.29	1.0	20.00		91.4	70	134	19.04	4.02	20	
Isopropylbenzene	19.20	1.0	20.00		96.0	72.3	136	19.99	4.03	20	
m,p-Xylene	36.00	1.0	40.00		90.0	66.3	138	36.97	2.66	20	
Methylene chloride	18.46	5.0	20.00		92.3	65.4	132	17.98	2.63	20	
o-Xylene	18.10	1.0	20.00		90.5	67.1	136	18.34	1.32	20	

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337555**

Sample ID: <b>2206430-001AMSD</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>							
SampleType: <b>MSD</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/07/2022</b>	Seq No: <b>11354118</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Styrene	17.37	1.0	20.00		86.8	77.3	134	17.92	3.12	20	
Tetrachloroethene	19.46	1.0	20.00		97.3	72.9	141	20.08	3.14	20	
Toluene	17.28	1.0	20.00		86.4	66.4	140	18.13	4.80	20	
trans-1,2-Dichloroethene	19.34	2.0	20.00		96.7	69.7	138	19.37	0.155	20	
trans-1,3-Dichloropropene	14.93	2.0	20.00		74.6	65.2	130	15.16	1.53	20	
Trichloroethene	18.22	1.0	20.00		91.1	75.1	140	18.34	0.656	20	
Vinyl chloride	28.71	1.0	20.00		144	60.7	145	27.27	5.14	21.1	
Surr: 4-Bromofluorobenzene	49.41	0	50.00		98.8	70	130	49.54	0	0	
Surr: Dibromofluoromethane	50.44	0	50.00		101	70	130	49.56	0	0	
Surr: Toluene-d8	49.78	0	50.00		99.6	70	130	51.05	0	0	

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

End of Report



**UST # 04785; Cost Agreement 65289**

Mark Lee Keller <mkeller131@comcast.net>

Thu 8/25/2022 4:09 PM

To: Miner, Read <minerrs@dhec.sc.gov>




\*\*\* Caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\*

Mr. Miner,

Please see attached cost agreement addendums for the attached directive for the site. These are to fully prepare for gauging of wells that, although previously authorized to be sampled, may not be sampled due to the presence of free product, which is known at the site and has been fully documented in numerous reports. This directive is for multiple events so the addendums will encompass those events going forward.

Thank you

Mark L. Keller, PG  
President

 **KLM Environmental, LLC**

PO Box 2704  
Goose Creek, SC 29445  
843-870-4285 Cell



**ASSESSMENT COMPONENT COST AGREEMENT  
SOUTH CAROLINA**

Department of Health and Environmental Control  
Underground Storage Tank Management Division  
State Underground Petroleum Environmental Response Bank Account  
January 1, 2020

Facility Name: Quick Pantry # 19

UST Permit #: 04785

Cost Agreement #: 65289

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
<b>A. Plan Preparation</b>				
1. Site-specific Work Plan		each	\$160.05	\$0.00
2. Tax Map		each	\$74.69	\$0.00
3. Tier II or Comp. Plan /QAPP Appendix B		each	\$250.00	\$0.00
<b>B. Receptor Survey *</b>				
		each	\$587.92	\$0.00
<b>C. Survey (500 ft x 500 ft)</b>				
1. Comprehensive Survey		each	\$1,109.68	\$0.00
Subsurface Geophysical Survey				
2. < 10 meters below grade		each	\$1,387.10	\$0.00
3. > 10 meters below grade		each	\$2,464.77	\$0.00
4. Geophysical UST or Drum Survey		each	\$970.97	\$0.00
<b>D. Mob/Demob</b>				
1. Equipment		each	\$1,088.34	\$0.00
2. Personnel		each	\$451.34	\$0.00
3. Adverse Terrain Vehicle		each	\$533.50	\$0.00
<b>E. Soil Borings (hand auger)*</b>				
		foot	\$5.34	\$0.00
<b>F. Soil Borings (requiring equipment, push technology, etc) or Field Screening (including water sample, soil sample, soil gas sample, etc.)*</b>				
1. Standard		per foot	\$16.01	\$0.00
2. Fractured Rock		per foot	\$21.55	\$0.00
<b>G. Soil Leachability Model</b>				
		each	\$64.02	\$0.00
<b>H. Abandonment (per foot)*</b>				
1. 2" diameter or less		per foot	\$3.31	\$0.00
2. Greater than 2" to 6" diameter		per foot	\$4.80	\$0.00
3. Dug/Bored well (up to 6 feet diameter)		per foot	\$16.00	\$0.00
<b>I. Well Installation (per foot)*</b>				
1. Water Table (hand augered)		per foot	\$11.31	\$0.00
2. Water Table (drill rig) 2" Diameter		per foot	\$40.55	\$0.00
3. Telescoping		per foot	\$53.35	\$0.00
4. Rock Drilling		per foot	\$61.89	\$0.00
5. 2" Rock Coring		per foot	\$32.97	\$0.00
6. Rock Multi-sampling ports/screens		per foot	\$35.64	\$0.00
7. Recovery Well (4" diameter)		per foot	\$48.02	\$0.00
8. Pushed Pre-packed screen (1.25" dia)		per foot	\$16.01	\$0.00
9. Rotasonic (2" diameter)		per foot	\$46.95	\$0.00



10. Re-develop Existing Well		per foot	\$11.74	\$0.00
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<b>J. Groundwater Sample Collection / Gauge Depth to Water or Product *</b>				
1. Groundwater Purge		per well	\$64.02	\$0.00
2. Air or Vapors		sample	\$12.80	\$0.00
3. Water Supply Sample or Duplicate		sample	\$23.47	\$0.00
4. Groundwater No Purge or Duplicate or Grab		sample	\$29.88	\$0.00
5. Gauge Well only	18	sample	\$7.47	\$134.46
6. Sample Below Product		sample	\$12.80	\$0.00
7. Passive Diffusion Bag		sample	\$27.74	\$0.00
8. Field Blank		sample	\$26.25	\$0.00
9. Groundwater (low flow purge)		sample	\$97.10	\$0.00
10. Equipment Blank		sample	\$26.25	\$0.00
<b>K. Laboratory Analyses-Groundwater</b>				
1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)		per sample	\$130.17	\$0.00
2. Lead, Filtered		per sample	\$14.72	\$0.00
3. Rush EPA Method 8260B		per sample	\$163.89	\$0.00
4. Trimethal, Butyl, and Isopropyl Benzenes		per sample	\$29.88	\$0.00
5. PAH's		per sample	\$64.66	\$0.00
6. Lead		per sample	\$17.07	\$0.00
7. EDB by EPA 8011		per sample	\$48.23	\$0.00
8. EDB by EPA Method 8011 Rush		per sample	\$72.77	\$0.00
9. 8 RCRA Metals		per sample	\$67.65	\$0.00
10. TPH (9070)		per sample	\$43.75	\$0.00
11. PH		per sample	\$5.55	\$0.00
12. BOD		per sample	\$21.34	\$0.00
13. Ethanol		per sample	\$15.79	\$0.00
<b>K. Analyses-Drinking Water</b>				
14. BTEXNM+1,2 DCA (524.2)		per sample	\$132.36	\$0.00
15. 7-OXYGENATES & ETHANOL (8260B)		per sample	\$97.90	\$0.00
16. EDB (504.1)		per sample	\$84.83	\$0.00
17. RCRA METALS (200.8)		per sample	\$106.70	\$0.00
<b>K. Analyses-Soil</b>				
18. BTEX + Naphth.		per sample	\$68.29	\$0.00
19. PAH's		per sample	\$68.33	\$0.00
20. 8 RCRA Metals		per sample	\$60.18	\$0.00
21. TPH-DRO (3550C/8015C)		per sample	\$42.68	\$0.00
22. TPH- GRO (5035B/8015C)		per sample	\$38.37	\$0.00
23. Grain size/hydrometer		per sample	\$110.97	\$0.00
24. Total Organic Carbon		per sample	\$32.65	\$0.00
<b>K. Analyses-Air</b>				
25. BTEX + Naphthalene		per sample	\$230.47	\$0.00
<b>K. Analyses-Free Phase Product</b>				
26. Hydrocarbon Fuel Identification		per sample	\$380.92	\$0.00
<b>L. Aquifer Characterization*</b>				
1. Pumping Test		per hour	\$24.54	\$0.00
2. Slug Test		per test	\$203.80	\$0.00
3. Fractured Rock		per test	\$106.70	\$0.00

<b>M. Free Product Recovery Rate Test*</b>		each	\$40.55	\$0.00
<b>N. Fate/Transport Modeling</b>				
1. Mathematical Model		each	\$106.70	\$0.00
2. Computer Model		each	\$106.70	\$0.00
<b>O. Risk Evaluation</b>				
1. Tier I Risk Evaluation		each	\$320.10	\$0.00
2. Tier II Risk Evaluation		each	\$106.70	\$0.00
<b>P. Subsequent Survey*</b>		each	\$260.00	\$0.00
<b>Q. Disposal (gallons or tons)*</b>				
1. Wastewater		gallon	\$0.60	\$0.00
2. Free Product		gallon	\$0.53	\$0.00
3. Soil Treatment/Disposal		ton	\$64.02	\$0.00
4. Drilling fluids		gallon	\$0.45	\$0.00
<b>R. Miscellaneous (attach receipts)</b>				
		each	\$0.00	\$0.00
		each	\$0.00	\$0.00
		each	\$0.00	\$0.00
<b>T. Tier I Assessment (Use DHEC 3665 form)</b>				
1. Southeast Region		standard	\$11,026.00	\$0.00
2. All Other Counties		standard	\$12,093.00	\$0.00
<b>U. IGWA (Use DHEC 3666 form)</b>				
1. Southeast Region		standard	\$3,803.00	\$0.00
2. All Other Counties		standard	\$4,123.00	\$0.00
<b>22. Corrective Action (Use DHEC 3667 form)</b>		PFP Bid		\$0.00
<b>W. Aggressive Fluid &amp; Vapor Recovery (AFVR)</b>				
1. 8-hour Event*		per event	\$1,467.13	\$0.00
2. 24-hour Event*		per event	\$4,081.28	\$0.00
3. 48-hour Event*		per event	\$6,706.10	\$0.00
4. 96-hour Event*		per event	\$13,409.52	\$0.00
5. Off-gas Treatment 8 hour		per event	\$130.71	\$0.00
6. Off-gas Treatment 24 hour		per event	\$257.68	\$0.00
7. Off-gas Treatment 48 hour		per event	\$348.91	\$0.00
8. Off-gas Treatment 96 hour		per event	\$832.26	\$0.00
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	\$430.00	\$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	\$500.00	\$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	\$1,000.00	\$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	\$2,000.00	\$0.00
13. AFVR Effluent Disposal(w/chlorinated compounds)		gallon	\$0.50	\$0.00
14. AFVR Site Reconnaissance		each	\$216.87	\$0.00
15. Additional Hook-ups		each	\$27.48	\$0.00
16. AFVR Effluent Disposal		gallon	\$0.47	\$0.00
17. AFVR Mobilization/Demobilization		each	\$417.73	\$0.00
<b>X. Granulated Activated Carbon (GAC) filter system installation &amp; service:</b>				
1. New GAC System Installation*		each	\$2,027.30	\$0.00
2. Refurbished GAC Sys. Install*		each	\$960.30	\$0.00
3. Filter replacement/removal*		each	\$373.45	\$0.00

4. GAC System removal, cleaning, & refurbishment*	each	\$293.43	\$0.00
5. GAC System housing*	each	\$266.75	\$0.00

6. In-line particulate filter		each	\$160.05	\$0.00
7. Additional piping & fittings		foot	\$1.60	\$0.00
<b>Y. Well Repair</b>				
1. Additional Copies of the Report Delivered		each	\$53.35	\$0.00
2. Repair 2x2 MW pad*		each	\$53.35	\$0.00
3. Repair 4x4 MW pad*		each	\$93.90	\$0.00
4. Replace well vault*		each	\$125.91	\$0.00
5. Replace well cover bolts		each	\$2.77	\$0.00
6. Replace locking well cap & lock		each	\$16.00	\$0.00
7. Replace/Repair stick-up*		each	\$142.98	\$0.00
8. Convert Flush-mount to Stick-up*		each	\$160.05	\$0.00
9. Convert Stick-up to Flush-mount*		each	\$138.71	\$0.00
10. Replace missing/illegible well ID plate		each	\$12.80	\$0.00
<b>S. Report Prep &amp; Project Management</b>	12%	percent	\$134.46	\$16.14
<b>TOTAL</b>				<b>\$150.60</b>

DHEC D-4074 (1-2020) \*The appropriate mobilization cost can be added to complete these tasks, as necessary





Healthy People. Healthy Communities.

**ASSESSMENT COMPONENT COST AGREEMENT**

**SOUTH CAROLINA**

Department of Health and Environmental Control

Underground Storage Tank Management Division

State Underground Petroleum Environmental Response Bank Account

January 1, 2020

Facility Name: Quick Pantry # 19

UST Permit #: 04785

Cost Agreement #: 65290

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
<b>A. Plan Preparation</b>				
1. Site-specific Work Plan		each	\$160.05	\$0.00
2. Tax Map		each	\$74.69	\$0.00
3. Tier II or Comp. Plan /QAPP Appendix B		each	\$250.00	\$0.00
<b>B. Receptor Survey *</b>				
		each	\$587.92	\$0.00
<b>C. Survey (500 ft x 500 ft)</b>				
1. Comprehensive Survey		each	\$1,109.68	\$0.00
Subsurface Geophysical Survey				
2. < 10 meters below grade		each	\$1,387.10	\$0.00
3. > 10 meters below grade		each	\$2,464.77	\$0.00
4. Geophysical UST or Drum Survey		each	\$970.97	\$0.00
<b>D. Mob/Demob</b>				
1. Equipment		each	\$1,088.34	\$0.00
2. Personnel		each	\$451.34	\$0.00
3. Adverse Terrain Vehicle		each	\$533.50	\$0.00
<b>E. Soil Borings (hand auger)*</b>				
		foot	\$5.34	\$0.00
<b>F. Soil Borings (requiring equipment, push technology, etc) or Field Screening (including water sample, soil sample, soil gas sample, etc.)*</b>				
1. Standard		per foot	\$16.01	\$0.00
2. Fractured Rock		per foot	\$21.55	\$0.00
<b>G. Soil Leachability Model</b>				
		each	\$64.02	\$0.00
<b>H. Abandonment (per foot)*</b>				
1. 2" diameter or less		per foot	\$3.31	\$0.00
2. Greater than 2" to 6" diameter		per foot	\$4.80	\$0.00
3. Dug/Bored well (up to 6 feet diameter)		per foot	\$16.00	\$0.00
<b>I. Well Installation (per foot)*</b>				
1. Water Table (hand augered)		per foot	\$11.31	\$0.00
2. Water Table (drill rig) 2" Diameter		per foot	\$40.55	\$0.00
3. Telescoping		per foot	\$53.35	\$0.00
4. Rock Drilling		per foot	\$61.89	\$0.00
5. 2" Rock Coring		per foot	\$32.97	\$0.00
6. Rock Multi-sampling ports/screens		per foot	\$35.64	\$0.00
7. Recovery Well (4" diameter)		per foot	\$48.02	\$0.00
8. Pushed Pre-packed screen (1.25" dia)		per foot	\$16.01	\$0.00
9. Rotasonic (2" diameter)		per foot	\$46.95	\$0.00

10. Re-develop Existing Well		per foot	\$11.74		\$0.00
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<b>J. Groundwater Sample Collection / Gauge Depth to Water or Product *</b>				
1. Groundwater Purge		per well	\$64.02	\$0.00
2. Air or Vapors		sample	\$12.80	\$0.00
3. Water Supply Sample or Duplicate		sample	\$23.47	\$0.00
4. Groundwater No Purge or Duplicate or Grab		sample	\$29.88	\$0.00
5. Gauge Well only	18	sample	\$7.47	\$134.46
6. Sample Below Product		sample	\$12.80	\$0.00
7. Passive Diffusion Bag		sample	\$27.74	\$0.00
8. Field Blank		sample	\$26.25	\$0.00
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2. Lead, Filtered		per sample	\$14.72	\$0.00
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8. EDB by EPA Method 8011 Rush		per sample	\$72.77	\$0.00
9. 8 RCRA Metals		per sample	\$67.65	\$0.00
10. TPH (9070)		per sample	\$43.75	\$0.00
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<b>K. Analyses-Drinking Water</b>				
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15. 7-OXYGENATES & ETHANOL (8260B)		per sample	\$97.90	\$0.00
16. EDB (504.1)		per sample	\$84.83	\$0.00
17. RCRA METALS (200.8)		per sample	\$106.70	\$0.00
<b>K. Analyses-Soil</b>				
18. BTEX + Naphth.		per sample	\$68.29	\$0.00
19. PAH's		per sample	\$68.33	\$0.00
20. 8 RCRA Metals		per sample	\$60.18	\$0.00
21. TPH-DRO (3550C/8015C)		per sample	\$42.68	\$0.00
22. TPH- GRO (5035B/8015C)		per sample	\$38.37	\$0.00
23. Grain size/hydrometer		per sample	\$110.97	\$0.00
24. Total Organic Carbon		per sample	\$32.65	\$0.00
<b>K. Analyses-Air</b>				
25. BTEX + Naphthalene		per sample	\$230.47	\$0.00
<b>K. Analyses-Free Phase Product</b>				
26. Hydrocarbon Fuel Identification		per sample	\$380.92	\$0.00
<b>L. Aquifer Characterization*</b>				
1. Pumping Test		per hour	\$24.54	\$0.00
2. Slug Test		per test	\$203.80	\$0.00
3. Fractured Rock		per test	\$106.70	\$0.00

<b>M. Free Product Recovery Rate Test*</b>		each	\$40.55	\$0.00
<b>N. Fate/Transport Modeling</b>				
1. Mathematical Model		each	\$106.70	\$0.00
2. Computer Model		each	\$106.70	\$0.00
<b>O. Risk Evaluation</b>				
1. Tier I Risk Evaluation		each	\$320.10	\$0.00
2. Tier II Risk Evaluation		each	\$106.70	\$0.00
<b>P. Subsequent Survey*</b>		each	\$260.00	\$0.00
<b>Q. Disposal (gallons or tons)*</b>				
1. Wastewater		gallon	\$0.60	\$0.00
2. Free Product		gallon	\$0.53	\$0.00
3. Soil Treatment/Disposal		ton	\$64.02	\$0.00
4. Drilling fluids		gallon	\$0.45	\$0.00
<b>R. Miscellaneous (attach receipts)</b>				
		each	\$0.00	\$0.00
		each	\$0.00	\$0.00
		each	\$0.00	\$0.00
<b>T. Tier I Assessment (Use DHEC 3665 form)</b>				
1. Southeast Region		standard	\$11,026.00	\$0.00
2. All Other Counties		standard	\$12,093.00	\$0.00
<b>U. IGWA (Use DHEC 3666 form)</b>				
1. Southeast Region		standard	\$3,803.00	\$0.00
2. All Other Counties		standard	\$4,123.00	\$0.00
<b>22. Corrective Action (Use DHEC 3667 form)</b>		PFP Bid		\$0.00
<b>W. Aggressive Fluid &amp; Vapor Recovery (AFVR)</b>				
1. 8-hour Event*		per event	\$1,467.13	\$0.00
2. 24-hour Event*		per event	\$4,081.28	\$0.00
3. 48-hour Event*		per event	\$6,706.10	\$0.00
4. 96-hour Event*		per event	\$13,409.52	\$0.00
5. Off-gas Treatment 8 hour		per event	\$130.71	\$0.00
6. Off-gas Treatment 24 hour		per event	\$257.68	\$0.00
7. Off-gas Treatment 48 hour		per event	\$348.91	\$0.00
8. Off-gas Treatment 96 hour		per event	\$832.26	\$0.00
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	\$430.00	\$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	\$500.00	\$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	\$1,000.00	\$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	\$2,000.00	\$0.00
13. AFVR Effluent Disposal(w/chlorinated compounds)		gallon	\$0.50	\$0.00
14. AFVR Site Reconnaissance		each	\$216.87	\$0.00
15. Additional Hook-ups		each	\$27.48	\$0.00
16. AFVR Effluent Disposal		gallon	\$0.47	\$0.00
17. AFVR Mobilization/Demobilization		each	\$417.73	\$0.00
<b>X. Granulated Activated Carbon (GAC) filter system installation &amp; service:</b>				
1. New GAC System Installation*		each	\$2,027.30	\$0.00
2. Refurbished GAC Sys. Install*		each	\$960.30	\$0.00
3. Filter replacement/removal*		each	\$373.45	\$0.00

4. GAC System removal, cleaning, & refurbishment*	each	\$293.43	\$0.00
5. GAC System housing*	each	\$266.75	\$0.00



6. In-line particulate filter		each	\$160.05	\$0.00
7. Additional piping & fittings		foot	\$1.60	\$0.00
<b>Y. Well Repair</b>				
1. Additional Copies of the Report Delivered		each	\$53.35	\$0.00
2. Repair 2x2 MW pad*		each	\$53.35	\$0.00
3. Repair 4x4 MW pad*		each	\$93.90	\$0.00
4. Replace well vault*		each	\$125.91	\$0.00
5. Replace well cover bolts		each	\$2.77	\$0.00
6. Replace locking well cap & lock		each	\$16.00	\$0.00
7. Replace/Repair stick-up*		each	\$142.98	\$0.00
8. Convert Flush-mount to Stick-up*		each	\$160.05	\$0.00
9. Convert Stick-up to Flush-mount*		each	\$138.71	\$0.00
10. Replace missing/illegible well ID plate		each	\$12.80	\$0.00
<b>S. Report Prep &amp; Project Management</b>	12%	percent	\$134.46	\$16.14
<b>TOTAL</b>				<b>\$150.60</b>

DHEC D-4074 (1-2020) \*The appropriate mobilization cost can be added to complete these tasks, as necessary



Underground Storage Tank Management Division  
Field Data Information Sheet – Monitoring Well Gauging

**Printed:** 8/30/2022 11:43 AM  
**Project Manager:** Read S Miner  
**DHEC Field Staff:** WHITE CORIE  
**Site Number:** 04785  
**Arrive/Depart Times:** 10:55 AM-11:40 AM

**Inspection Date:** 8/30/2022  
**Contractor:**  
**Contractor Field Staff:**  
**Site Name:** Quick Pantry 19  
**County:** GREENWOOD County  
**Weather:**

Well Gauging Information	Well #MW-18	Well #MW-12	Well #RW-1
Well ID	MW-18	MW-12	RW-1
Depth to Free Product (ft.)	7.70	12.42	
Depth to Groundwater (ft.)	10.20	13.00	19.83
Free Product Thickness (ft.)	2.5	0.58	
Confirmed with Bailer?	Yes	Yes	No
Photos Taken?	Yes	Yes	No
Well Pad OK?	No	Yes	Yes
Bolts in Well Cover?	Yes	Yes	No
Water in Well Vault?	No	Yes	Yes

**INSPECTOR COMMENTS**

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WHITE CORIE

8/30/2022

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RECEIVED



SEP 07 2022  
UST DIVISION

Site-Specific Work Plan for Approved ACQAP  
Underground Storage Tank Management Division



To: Read Miner, PG (SCDHEC Project Manager)  
From: Mark L. Keller, PG (Contractor Project Manager)  
Contractor: KLM Environmental, LLC UST Contractor Certification Number: 345

Facility Name: Quick Pantry # 19 UST Permit #: 04785  
Facility Address: 1802 S. Main Street, Greenwood, SC  
Responsible Party: Bahuchar Mata, LLC Phone: 864-378-6993  
RP Address: 311 Oakmonte Circle, Greenwood, SC 29649  
Property Owner (if different): SMVS Real Estate  
Property Owner Address: 1802 S. Main Street, Greenwood, SC 29646  
Current Use of Property: Convenience Store and Gasoline Station

Scope of Work (Please check all that apply)

- IGWA
- Tier I
- Tier II
- Monitoring Well Installation
- Groundwater Sampling
- Other AFVR, well socks
- GAC

Analyses (Please check all that apply)

Groundwater/Surface Water:

- BTEXNMDCA (8260D)
- Oxygenates (8260D)
- EDB (8011)
- PAH (8270E)
- Lead
- 8 RCRA Metals
- TPH
- pH
- BOD
- Nitrate
- Sulfate
- Other \_\_\_\_\_
- Methane
- Ethanol
- Dissolved Iron

Drinking Water Supply Wells:

- BTEXNMDCA (524.2)
- Oxygenates & Ethanol (8260D)
- Mercury (200.8 245.1 or 245.2)
- RCRA Metals (200.8)
- EDB (504.1)

Soil:

- BTEXNM
- PAH
- Lead
- RCRA Metals
- Oil & Grease (9071)
- TPH-DRO (3550B/8015B)
- TPH-GRO (5030B/8015B)
- Grain Size
- TOC

Air:

- BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)

\_\_\_\_\_ Soil                      \_\_\_\_\_ Water Supply Wells                      \_\_\_\_\_ Air                      \_\_\_\_\_ Field Blank  
 \_\_\_\_\_ Monitoring Wells                      \_\_\_\_\_ Surface Water                      \_\_\_\_\_ Duplicate                      \_\_\_\_\_ Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.

# of shallow points proposed: \_\_\_\_\_ Estimated Footage: \_\_\_\_\_ feet per point  
 # of deep points proposed: \_\_\_\_\_ Estimated Footage: \_\_\_\_\_ feet per point  
 Field Screening Methodology: \_\_\_\_\_

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.

# of shallow wells: \_\_\_\_\_ Estimated Footage: \_\_\_\_\_ feet per point  
 # of deep wells: \_\_\_\_\_ Estimated Footage: \_\_\_\_\_ feet per point  
 # of recovery wells: \_\_\_\_\_ Estimated Footage: \_\_\_\_\_ feet per point

Comments, if warranted: |

UST Permit #: 04785 Facility Name: Quick Pantry # 19

**Implementation Schedule** (Number of calendar days from approval)  
Field Work Start-Up: 60 Days (new site owner contact required) Field Work Completion: 75 DAYS  
Report Submittal: 120 Days # of Copies Provided to Property Owners: 2

**Aquifer Characterization**  
Pump Test:  Slug Test:  (Check one and provide explanation below for choice)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Investigation Derived Waste Disposal**  
Soil: \_\_\_\_\_ Tons Purge Water: \_\_\_\_\_ Gallons  
Drilling Fluids: \_\_\_\_\_ Gallons Free-Phase Product: 50 Gallons

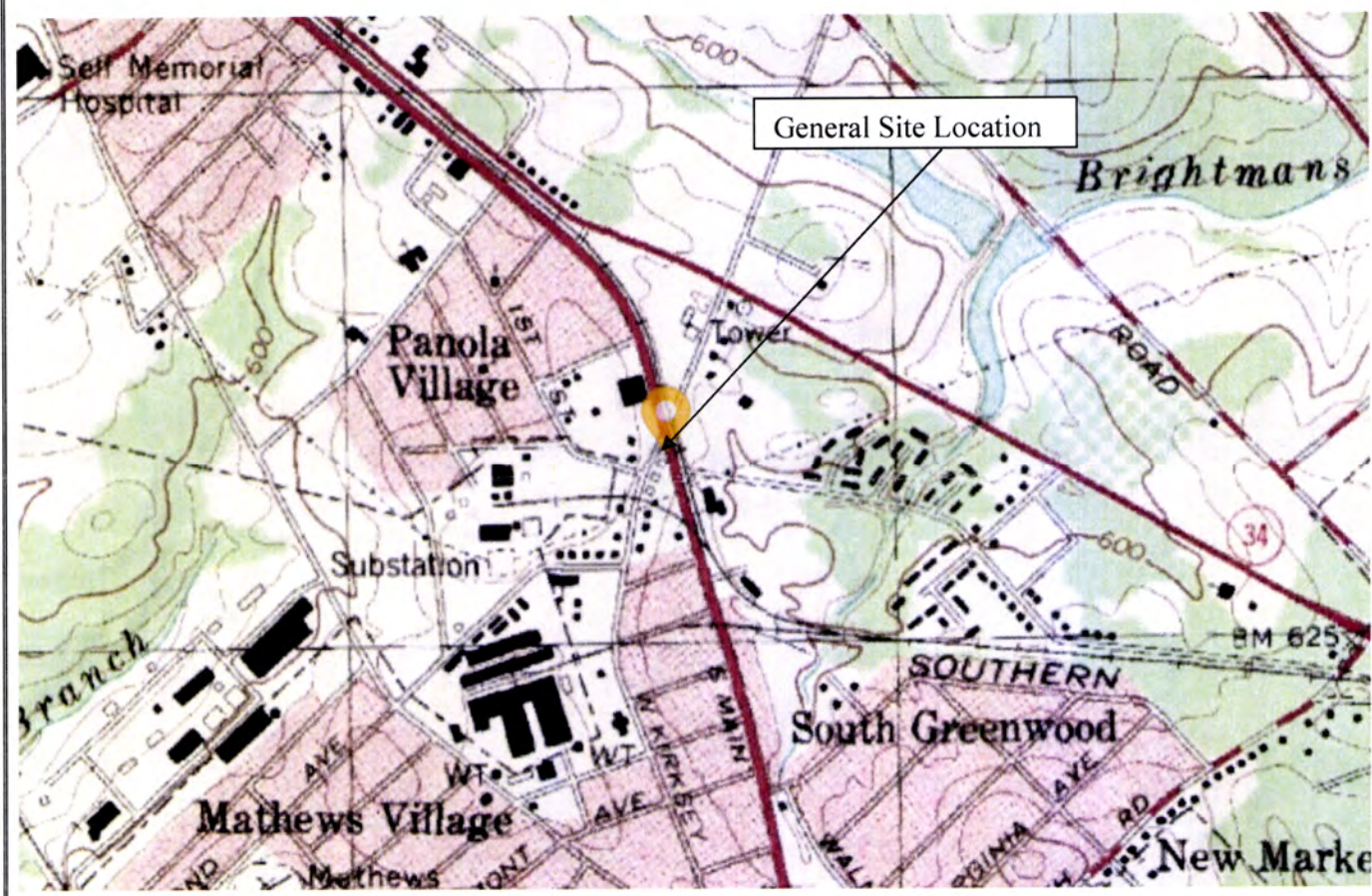
**Additional Details For This Scope of Work**  
For example, list wells to be sampled, wells to be abandoned/repared, well pads/bolts/caps to replace, details of AFVR event, etc.  
Conduct 5 AFVR events at each section of the contaminant plume. The previously constructed manifold system will be utilized again to reach wells in the wooded area. KLM proposes to conduct 6 AFVR events staged from the top of the plume to the bottom. The first event will be conducted in the tank pit area on wells that measure with free product to include Monitoring Well MW-1. The second event will be conducted on MW-3 and MW-5. The third event will utilize MW-7, MW-8, and MW-9. The fourth event will utilize MW-12 and MW-13. The last event will utilize MW-17 and MW-18. Most likely during the third event, KLM will utilize a smaller vacuum unit to connect to MW-14 only to remove product from that well. The well is not accessible by our heavy industrial equipment due to a very soft area at the only access road to reach its location. We have a smaller vacuum unit that will be used for this well for a stand alone 96 hour event. This is the sixth event proposed. After, KLM will install absorbent socks (2 per well) in 8 wells. Those will be changed out every 2 weeks for 3 events. The wells will be gauged at that time.

**Compliance With Annual Contractor Quality Assurance Plan (ACQAP)**  
Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.  
Name of Laboratory: \_\_\_\_\_  
SCDHEC Certification Number: \_\_\_\_\_  
Name of Laboratory Director: \_\_\_\_\_  
  
NA Well Driller as indicated in ACQAP? (Yes/No) If no, indicate driller information below.  
Name of Well Driller: \_\_\_\_\_  
SCLLR Certification Number: \_\_\_\_\_  
  
\_\_\_\_ Other variations from ACQAP. Please describe below.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Attachments**

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:  
North Arrow Proposed monitoring well locations  
Location of property lines Legend with facility name and address, UST permit number, and bar scale  
Location of buildings Streets or highways (indicate names and numbers)  
Previous soil sampling locations Location of all present and former ASTs and USTs  
Previous monitoring well locations Location of all potential receptors  
Proposed soil boring locations
3. Assessment Component Cost Agreement, SCDHEC Form D-3664





# KLM Environmental, LLC

Phase I Phase II Underground Storage Tanks Soil & Water Sampling Well Installation

Figure 1  
USGS Map  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785





**FIGURE 2**  
**SITE MAP**  
**QUICK PANTRY # 19**  
**GREENWOOD, SC UST # 04785**





**ASSESSMENT COMPONENT INVOICE**

South Carolina

Department of Health and Environmental Control

Underground Storage Tank Management Division

State Underground Petroleum Environmental Response Bank Account

July 1, 2022

Facility Name: Quick Pantry # 19

UST Permit #: 04785

Cost Agreement #: \_\_\_\_\_

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
<b>A. Plan Preparation</b>				
1.1 Site-specific Work Plan	1	each	\$169.65	\$169.65
2.1 Tax Map		each	\$79.17	\$0.00
3.1 QAPP Contractor Addendum (App B)		each	\$250.00	\$0.00
<b>B. Survey *</b>				
1. Receptor Survey		each	\$623.20	\$0.00
<b>C. Survey</b>				
1.1 Comprehensive Survey		each	\$1,176.26	\$0.00
5. Ground Penetrating Radar Survey (100 x 100)		each	\$1,029.23	\$0.00
<b>D. Mob/Demob</b>				
1.1 Equipment		each	\$1,153.64	\$0.00
2.1 Personnel W19, W28	4	each	\$478.42	\$1,913.68
3.1 Adverse Terrain Vehicle		each	\$565.51	\$0.00
<b>E. Soil Borings*</b>				
1. Soil Borings (hand auger)		foot	\$5.66	\$0.00
<b>F. Soil Borings (requiring equipment, push technology, etc) or Field Screening (including sampling and analyst)*</b>				
1.1 Standard		per foot	\$16.97	\$0.00
2.1 Fractured Rock		per foot	\$21.84	\$0.00
<b>G.</b>				
<b>H. Well Abandonment (does not include Field Screening)*</b>				
1.1 2" diameter or less		per foot	\$3.51	\$0.00
2.1 Greater than 2" to 6" diameter		per foot	\$5.09	\$0.00
3.1 Dug/Bored well (up to 6 feet diameter)		per foot	\$16.96	\$0.00
<b>I. Well Installation (In accordance with R.61-71)*</b>				
1.1 Water Table (hand augered)		per foot	\$11.99	\$0.00
2.A Water Table (drill rig) 2" Diameter		per foot	\$42.98	\$0.00
2.1 Single-cased 2" Diameter Monitoring Well >50ft		per foot	\$43.46	\$0.00
3.1 Telescoping		per foot	\$56.55	\$0.00
4.1 Rock Drilling		per foot	\$65.60	\$0.00
5.1 2" Rock Coring		per foot	\$34.95	\$0.00
6.1 Multi-sampling ports/screens		per foot	\$37.78	\$0.00
7.1 Recovery Well (4" diameter)		per foot	\$50.90	\$0.00
9.1 Rotasonic (2" diameter)		per foot	\$49.77	\$0.00
10.1 Re-develop Existing Well		per foot	\$12.44	\$0.00
<b>J. Groundwater Sample Collection / Gauging Depth to Water/Product *</b>				
1.1 Groundwater Purge		per well	\$67.86	\$0.00
2.1 Air or Vapors		sample	\$13.57	\$0.00
3.1 Water Supply Sample		sample	\$24.88	\$0.00
4.1 HydraSleeve		sample	\$53.00	\$0.00
4.2A No-purge Groundwater Sample/Surface water		sample	\$31.67	\$0.00
5.1 Gauge Well only	24	sample	\$7.92	\$190.08

6.1 Sample Below Product	sample	\$13.57	\$0.00
7.1 Passive Diffusion Bag	sample	\$29.40	\$0.00
8.1 Field Duplicates (MWs & WSWs) and Field Blanks	sample	\$27.83	\$0.00
9.1 Groundwater (low flow purge)	sample	\$102.93	\$0.00
10.1 Equipment Blank	sample	\$27.83	\$0.00
11. Sample Product	per well	\$48.76	\$0.00
<b>K. Laboratory Analyses-Groundwater</b>			
1.1 BTEXNM+Oxyg's+1,2 DCA+Eth(8260D)	per sample	\$137.98	\$0.00
2.1 Lead, Filtered	per sample	\$15.60	\$0.00
3.1 Rush EPA Method 8260B	per sample	\$173.72	\$0.00
4.1 Trimethal, Butyl, and Isopropyl Benzenes	per sample	\$31.67	\$0.00
5.1 PAH's	per sample	\$68.54	\$0.00
6.1 Lead	per sample	\$18.09	\$0.00
7.1 EDB by EPA 8011	per sample	\$51.12	\$0.00
8.1 EDB by EPA Method 8011 Rush	per sample	\$77.14	\$0.00
9.1 8 RCRA Metals	per sample	\$71.71	\$0.00
10.1 TPH (9070)	per sample	\$46.38	\$0.00
11.1 PH	per sample	\$5.88	\$0.00
12.1 BOD	per sample	\$22.62	\$0.00
13.1 Ethanol	per sample	\$16.74	\$0.00
<b>K. Analyses-Drinking Water</b>			
14.1 BTEXNM+1,2 DCA (524.2)	per sample	\$140.30	\$0.00
15.1 7-OXYGENATES & ETHANOL (8260D)	per sample	\$103.77	\$0.00
16.1 EDB (504.1)	per sample	\$89.92	\$0.00
17.1 RCRA METALS (200.8)	per sample	\$113.10	\$0.00
<b>K. Analyses-Soil</b>			
18.1 BTEX + Naphth.	per sample	\$72.39	\$0.00
19.1 PAH's	per sample	\$72.43	\$0.00
20.1 8 RCRA Metals	per sample	\$63.79	\$0.00
21.1 TPH-DRO (3550C/8015C)	per sample	\$45.24	\$0.00
22.1 TPH- GRO (5035B/8015C)	per sample	\$40.67	\$0.00
23.1 Grain size/hydrometer	per sample	\$117.63	\$0.00
24.1 Total Organic Carbon	per sample	\$34.61	\$0.00
<b>K. Analyses-Air</b>			
25.1 BTEX + Naphthalene	per sample	\$244.30	\$0.00
<b>K. Hydrocarbon Fuel Identification</b>			
27. C3-C44 Whole Oil (ASTM D3328)	per sample	\$431.42	\$0.00
28. Fuel Oxygenates (1624 Mod)	per sample	\$368.88	\$0.00
29. ALKYL Leads, EDB MMT (8080)	per sample	\$368.88	\$0.00
30. C8-C40 Full Scan (ASTM 5739)	per sample	\$583.00	\$0.00
31. Simulated Distillation (ASTM 2887)	per sample	\$368.88	\$0.00
32. Parent & Alk. PAH Com. (8270 SIM)	per sample	\$670.03	\$0.00
33. C3-C10 Piano (8260 MOD)	per sample	\$555.44	\$0.00
34. C10+Alkane Fingerprints	per sample	\$555.44	\$0.00
35. Expert Data Interpretation & Report	each	\$551.20	\$0.00
<b>L. Aquifer Characterization*</b>			
1.1 Pumping Test	per hour	\$26.01	\$0.00
2.1 Slug Test	per test	\$216.03	\$0.00
3.1 Fractured Rock	per test	\$113.10	\$0.00
<b>M. Free Product *</b>			
1. Free Product Recovery Rate Test	each	\$42.98	\$0.00
<b>N.</b>			
<b>O. Risk Evaluation</b>			



1.1 Tier I Risk Evaluation		each	\$339.31	\$0.00
2.1 Tier II Risk Evaluation		each	\$113.10	\$0.00
<b>P. Survey*</b>				
1. Subsequent Survey		each	\$275.60	\$0.00
<b>Q. Disposal (gallons or tons)*</b>				
1.1 Wastewater		gallon	\$0.64	\$0.00
2.1 Free Product		gallon	\$0.56	\$0.00
3.1 Soil Treatment/Disposal		ton	\$67.86	\$0.00
4.1 Drilling fluids		gallon	\$0.48	\$0.00
<b>R. Miscellaneous (attach receipts)</b>				
		each	\$0.00	\$0.00
		each	\$0.00	\$0.00
		each	\$0.00	\$0.00
<b>T. Tier I Assessment (Use DHEC 3665 form)</b>				
1.1 Southeast Region		standard	\$11,687.56	\$0.00
2.1 All Other Counties		standard	\$12,818.58	\$0.00
<b>U. IGWA (Use DHEC 3666 form)</b>				
1.1 Southeast Region		standard	\$4,031.18	\$0.00
2.1 All Other Counties		standard	\$4,370.38	\$0.00
<b>22. Active Correction Action</b>		PPF	Bid Cost	\$0.00
<b>W. Aggressive Fluid &amp; Vapor Recovery (AFVR)</b>				
1.1 8-hour Event*		per event	\$1,655.00	\$0.00
2. 24-hour Event*		per event	\$4,081.28	\$0.00
3. 48-hour Event*		per event	\$6,706.10	\$0.00
4. 96-hour Event*	6	per event	\$13,409.52	\$80,457.12
5. Off-gas Treatment 8 hour		per event	\$130.71	\$0.00
6.1 Off-gas Treatment 24 hour		per event	\$272.50	\$0.00
7.1 Off-gas Treatment 48 hour		per event	\$357.50	\$0.00
8. Off-gas Treatment 96 hour	5	per event	\$832.26	\$4,161.30
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	\$430.00	\$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	\$500.00	\$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	\$1,000.00	\$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	\$2,000.00	\$0.00
13.1 AFVR Effluent Disposal(w/chlorinated compounds)		gallon	\$0.59	\$0.00
14.1 AFVR Site Reconnaissance	1	each	\$280.00	\$280.00
15. Additional Hook-ups		each	\$27.48	\$0.00
16.1 AFVR Effluent Disposal	15000	gallon	\$0.49	\$7,350.00
17.1 AFVR Mobilization/Demobilization	6	each	\$720.00	\$4,320.00
18. Mobilization for absorbents/skimers		each	\$531.25	\$0.00
19. Well sock 2" ID well	48	each	\$34.20	\$1,641.60
20. Well sock 4" ID well		each	\$45.40	\$0.00
21. pad (per pad)		each	\$46.25	\$0.00
22. 3" diameter x 10' length boom		each	\$100.00	\$0.00
23. 5" diameter x 10' length boom		each	\$123.00	\$0.00
24. New FPP recovery skimmer (2" wells)		each	\$732.50	\$0.00
25. New FPP recovery skimmer (4" wells)		each	\$1,155.00	\$0.00
26. Refurbished FPP recovery skimmer (2" or 4" wells)		each	\$704.00	\$0.00
27. Disposal of Absorbents		pound	\$3.80	\$0.00
28. Disposal of product from skimmers	50	gallon	\$0.46	\$23.00
<b>X. Granulated Activated Carbon (GAC) filter system installation &amp; service:</b>				
1.1 New GAC System Installation*		each	\$2,148.94	\$0.00
2.1 Refurbished GAC Sys. Install*		each	\$1,017.92	\$0.00
3.1 Filter replacement/removal*		each	\$395.86	\$0.00

4.1 GAC System removal, cleaning, & refurbishment*		each	\$311.04	\$0.00
5.1 GAC System housing*		each	\$282.76	\$0.00
6.1 In-line particulate filter		each	\$169.65	\$0.00
7.1 Additional piping & fittings		foot	\$1.70	\$0.00
<b>Y. Well Repair</b>				
1.1 Additional Copies of the Report Delivered	1	each	\$56.55	\$56.55
2.1 Repair 2x2 MW pad*		each	\$56.55	\$0.00
3.1 Repair 4x4 MW pad*		each	\$99.53	\$0.00
4.1 Replace well vault*		each	\$133.46	\$0.00
5.1 Replace well cover bolts		each	\$2.94	\$0.00
6.1 Replace locking well cap & lock		each	\$16.96	\$0.00
7.1 Replace/Repair stick-up*		each	\$151.56	\$0.00
8.1 Convert Flush-mount to Stick-up*		each	\$169.65	\$0.00
9.1 Convert Stick-up to Flush-mount*		each	\$147.03	\$0.00
10.1 Replace missing/illegible well ID plate		each	\$13.57	\$0.00
11. Down-hole Camera		per foot	\$27.08	\$0.00
<b>Z. High Resolution Site Characterization</b>				
1. HRSC Screening Equipment Mobilization		each	\$1,360.00	\$0.00
2. HRSC Drilling Category 1		per foot	\$29.00	\$0.00
3. HRSC Drilling Category 2		per foot	\$33.50	\$0.00
4. HRSC Drilling Category 3		per foot	\$27.00	\$0.00
5. HRSC 3-D Model		each	\$4,040.00	\$0.00
<b>S. Report Prep &amp; Project Management</b>	12%	percent	\$100,562.98	\$12,067.56
<b>TOTAL</b>				\$112,630.54

DHEC D-4293 (06/2022) \*The appropriate mobilization cost can be added to complete these tasks, as necessary

# CD's Information

Date Received: 9/21/22

Permit Number: 04785

Project Manager: Bead Miner

Contractor: KLM Enviro

Description: Monitoring Rpt

Docket Number: 105 T Initials: \_\_\_\_\_

Scanned by: \_\_\_\_\_

Verified by: \_\_\_\_\_



MONITORING REPORT  
Quick Pantry # 19  
Greenwood, South Carolina  
Site ID# 04785



**KLM Environmental, LLC**

Phase I/Phase II Underground Storage Tanks/Soil & Water Sampling/Well Installation  
PO Box 2704  
Goose Creek, SC 29445  
843-870-4285 Phone  
843-797-1893 Fax

September 13<sup>th</sup>, 2022

*Prepared for:*

**Mr. Read Miner, PG**  
**Remediation Section**  
**SCDHEC-USMD**  
2600 Bull Street  
Columbia, SC 29201

*Prepared by:*

**KLM Environmental, LLC.**  
PO Box 2704  
Goose Creek, SC 29445  
(843) 870-4285  
UST Contractor # 345

**Project # 21547.4 September 2022**

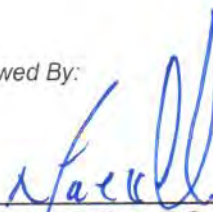
## SIGNATURE PAGE

This report entitled "**MONITORING REPORT**" for **Quick Pantry # 19** has been prepared at the request of and for the exclusive use of the South Carolina Department of Health and Environmental Control. It has been prepared and reviewed by the undersigned.

*Prepared By:*

\_\_\_\_\_  
Graham P. Robinson  
Hydrogeologist

*Reviewed By:*

  
\_\_\_\_\_  
Mark L. Keller, PG  
President

  
\_\_\_\_\_  
Date



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## 1.0 INTRODUCTION

The Quick Pantry # 19 site is located at 1802 South Main Street in Greenwood, South Carolina. A general site location map is provided as Figure 1 in Appendix A. Due to the large area needed for mapping, the site map has been split into Site Map One shown as Figure 2, and Site Map Two as Figure 2b. The property owner is SMVS Real Estate, LLC located at 1802 South Main Street in Greenwood, SC 29646. The UST responsible party is Bahuchar Mata, LLC located at 311 Oakmonte Circle in Greenwood, SC 29649; phone 864-378-6993. KLM Environmental is the Certified UST Site Rehabilitation Contractor performing the work (Certification # 345). KLM's address is PO Box 2704, Goose Creek, SC 29445; phone 843-870-4285. Analytical Environmental Services, Inc. is the certified laboratory used to analyze the samples for this work (Certification # 98016003). AES's main address is 3080 Presidential Drive, Atlanta, GA 30340, phone # 770-457-8177.

The Quick Pantry # 19 site is an active gasoline station surrounded by residential and commercial property. This site is zoned General Commercial by Greenwood County. A copy of the zoning information can be found on the Greenwood County website. The site currently contains three underground storage tanks consisting of two 4,000-gallon gasoline tanks and one 5,000-gallon gasoline tank. 4,000-gallon tanks are in use, but the 5,000-gallon gasoline tank has been abandoned in place due to a failed tank tightness test in February of 2021. There are two dispensers associated with these tanks. The investigation of this site was prompted by reports of a petroleum smell near the housing complex on Foundry Road. The release was reported on March 9<sup>th</sup>, 2021 in response to a failed tank tightness test and the presence of free product around the tank pit. KLM Environmental was tasked with the emergency abatement of the release, and abatement actions were initiated by shutting down the leaking tank and installing a skimming system of oil-absorbent booms to catch the petroleum on the creek's surface. After the installation of the boom system, KLM Environmental began a series of long duration Aggressive Fluid and Vapor Recovery (AFVR) events along with coordination with the SCDHEC for the Tier II Assessment. A new release was reported again reported on September 28<sup>th</sup>, 2021 by KLM Environmental after a fuel drop was completed in the previously failed UST. Abatement actions for that are being conducted in conjunction with Release #1.

The subject site is primarily underlain by a sand clay mixture that transitions from sandy loam to clay loam and is further underlain by Charlotte Terrane meta-igneous rocks.

KLM Environmental conducted five (5) 96-hour AFVR events from June - July 2022. The SCDHEC Project Manager requested that KLM Environmental gauge all wells on site following the last 96-hour AFVR event, which was completed in July. KLM then performed the previously approved groundwater sampling event in August. For a list of all previous work on this site, please refer to Section 4.0 of this report. This report serves to provide the results from the well gauging event and comprehensive sampling event conducted at the site as requested by the SCDHEC Project Manager. KLM is also re-reporting the results of the previously reported trench sampling. This data was presented during the previous AFVR report, but the costs were approved under the cost agreement associated with this groundwater sampling and not the AFVR event, thus those costs were denied, and a request was made by SCDHEC to move the reporting and associated costs under this report.



## 2.0 ASSESSMENT INFORMATION

### 2.1 Groundwater Sampling

Figure 2 in Appendix A serves as the comprehensive site map showing the locations of the twenty-five monitoring wells, four telescoping deep wells, three recovery wells, six surface waters, and four trench sample locations.

KLM personnel mobilized to the site on August 23<sup>rd</sup> and 24<sup>th</sup>, 2022 and attempted to sample all wells associated with the Quick Pantry # 19 site. Purging was performed on any wells that did not bracket the water table as directed by the SCHDEC Project Manager. A minimum of three well volumes were attempted to be purged from those wells prior to sample collection using an electric purge pump. The purge pump and hose were decontaminated between wells with a triple station rinse as outlined in the QAPP. Immediately after well purging was completed, groundwater samples were collected using disposable bottom entry sampling bailers, decanted into sterile glass sample containers provided by the analytical laboratory, and preserved in accordance with United States Environmental Protection Agency (USEPA) sampling protocol. Standard field parameters (pH, specific conductivity, temperature, dissolved oxygen, salinity, and turbidity) were measured with the Horiba U-52 (serial # W22MV13L) and recorded for each sample during well purging or at the time of collection. The Horiba U-52 was calibrated with Horiba 100-4 standard solution prior to use and the calibration records are recorded on the calibration sheet which are included in Appendix B. Following collection in the field, the groundwater samples were packed on wet ice in coolers supplied by the laboratory. Sample coolers were stored in a refrigerator to reduce ice melt until the sample coolers could be shipped to Analytical Environmental Services (SCDHEC Certification # 98016003) and analyzed for Benzene, Toluene, Ethylbenzene, total Xylenes (BTEX), Methyl-tert Butyl Ether (MTBE), Naphthalene, 1,2 DCA, 8 Oxygenates, and EDB. Analytical results are provided in Tables 1 and 1B, and in Appendix B. Field sampling sheets are provided in Appendix B. A map is provided as Figure 3 in Appendix A showing the sample results along with the well locations, as well as the general locations of the surface water samples. Also included as Figure 3B is a free product delineation map using data from both the gauging event previously mentioned which was performed on July 25<sup>th</sup>, 2022, and the comprehensive sampling event (August 24<sup>th</sup> & 25<sup>th</sup>). A disposal manifest for forty-seven gallons of contaminated purge water is provided in Appendix G. Results for all wells sampled are as follows:

TABLE 1  
Summary of Analytical Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	16000	38000	3100	16000	1300	<2500	<500	<0.021	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	19000	48000	3500	18000	1000	<2500	<500	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	8800	32000	2300	16000	<50	530	<50	<0.020	NS
	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-4	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	22000	59000	3800	33000	2700	560	<100	0.767	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-5	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	12000	33000	2800	14000	<1.0	410	<1.0	<0.020	NS
	8/24/22	2600	3500	350	9700	<100	<500	<100	<0.020	NS
MW-6	8/26/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	5.23
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/24/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-7	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	5700	17000	1700	10000	180	310	<50	<0.020	NS
	8/24/22	1200	2200	210	2800	32	110	<1.0	<0.020	NS
MW-8	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	17000	38000	3000	17000	860	<2500	<500	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-9	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	8500	26000	3100	14000	<50	470	<50	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-10	8/26/21	1.5	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-11	8/26/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-12	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	14000	35000	3500	17000	140	530	<50	<0.020	NS
	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-13	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	1800	11000	1400	8100	<1.0	260	<1.0	<0.020	NS
	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-14	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/05/22	2900	10000	1600	9700	<50	660	<50	<0.020	NS
	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP	FP

TABLE 1 Cont.  
Summary of Analytical Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-15	9/2/21	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	1.4	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-16	9/2/21	51	130	32	160	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	2.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-17	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/05/22	20	1.4	<1.0	2.9	120	<5.0	<1.0	<0.020	NS
	8/23/22	9.4	<1.0	<1.0	<1.0	120	<5.0	<1.0	<0.020	NS
MW-18	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/05/22	13000	31000	2900	15000	500	820	<50	<0.020	NS
	8/23/22	9300	19000	3100	21000	840	1400	<100	<0.020	NS
MW-19	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-20	9/2/21	2200	23	2.2	54	140	86	<1.0	<0.020	<1.00
	5/04/22	900	2.8	2.3	3.0	150	18	<1.0	<0.020	NS
	8/23/22	2700	4.2	6.6	34	590	95	<1.0	<0.020	NS
MW-21	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-22	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-23	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-24	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-25	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	37	<1.0	4.5	6.3	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
RW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	18000	46000	3600	18000	1200	560	<100	<0.020	NS
	8/24/22	15000	51000	3900	21000	1300	560	<100	<0.020	NS
RW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	370000	1700000	270000	1400000	9700	100000	<5000	<0.109	NS
	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	8000	18000	2300	14000	1500	700	<100	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP



TABLE 1 Cont.  
Summary of Analytical Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
<b>RBSL</b>	<b>--</b>	<b>5</b>	<b>1000</b>	<b>700</b>	<b>10000</b>	<b>40</b>	<b>25</b>	<b>5</b>	<b>0.05</b>	<b>15</b>
DW-1	8/26/21	2.1	4.8	5.0	25	3.2	<5.0	<1.0	<0.020	<1.00
	5/04/22	<b>35</b>	66	3.2	29	13	<5.0	<1.0	<0.020	NS
	8/23/22	<b>48</b>	110	3.1	22	<1.0	<5.0	<1.0	<0.020	NS
DW-2	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
DW-3	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.019	<1.00
	5/04/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
DW-4	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	2.6	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	5.0	<5.0	<1.0	<0.020	NS
SW-1	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	2.06
	5/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
SW-2	9/2/21	4.7	<1.0	<1.0	2.1	<1.0	<5.0	<1.0	<0.020	<b>30.2</b>
	5/05/22	<b>3200</b>	<b>6100</b>	510	2500	6.5	<b>30</b>	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
SW-3	9/2/21	3.2	2.1	<1.0	3.6	<1.0	<5.0	<1.0	<0.020	<b>93.1</b>
	5/05/22	<b>4500</b>	<b>6700</b>	490	3000	<b>68</b>	<b>95</b>	<1.0	<0.020	NS
	8/23/22	<b>32</b>	110	27	210	<1.0	7.7	<1.0	<0.020	NS
SW-4	9/2/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	5/05/22	<b>180</b>	170	8.4	190	15	8.9	<1.0	<0.020	NS
	8/23/22	<1.0	1.4	<1.0	7.4	<1.0	<5.0	<1.0	<0.021	NS
SW-5	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<b>16.8</b>
	5/05/22	3.8	12	1.5	130	1.7	8.8	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
SW-6	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	6.53
	5/05/22	<1.0	<1.0	<1.0	2.6	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
<b>QA / QC Data</b>										
Duplicate 1 (MW-7)	8/24/22	<b>880</b>	<b>1600</b>	170	2500	28	<b>100</b>	<1.0	<0.020	NS
Duplicate 2 (MW-5)	8/24/22	<b>2500</b>	<b>3500</b>	390	8600	<1.0	<b>280</b>	<1.0	<0.020	NS
Equipment Blank 1	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Field Blank 1	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Field Blank 2	8/24/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Trip Blank 1	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS
Trip Blank 2	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS

TABLE 1B  
Summary of Oxygenate Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-2	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-3	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-4	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-5	8/24/22	<1000	<1000	<1000	<10000	<10000	<10000	<10000	<10000
MW-6	8/24/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	8/24/22	<10	14	180	<100	390	<100	<100	<100
MW-8	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-9	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-10	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-13	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-14	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-15	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	8/23/22	<10	58	550	<100	1200	<100	<100	<100
MW-18	8/23/22	<1000	<1000	4900	<10000	<10000	<10000	<10000	<10000
MW-19	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-20	8/23/22	<10	87	670	<100	380	<100	<100	<100
MW-21	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	8/23/22	<10	<10	44	<100	<100	<100	<100	<100
RW-1	8/24/22	<1000	<1000	4100	<10000	31000	<10000	<10000	<10000
RW-2	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-3	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
DW-1	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	8/23/22	<10	<10	46	<100	<100	<100	<100	<100
SW-1	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-3	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-4	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-5	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-6	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100

TABLE 1B Cont. Summary of Oxygenate Data Quick Pantry # 19 Greenwood, SC									
Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	Ethanol	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
QA / QC Data									
Duplicate 1 (MW-7)	08/24/22	<10	12	<b>160</b>	<100	<b>390</b>	<100	<100	<100
Duplicate 2 (MW-5)	08/24/22	<10	53	<b>410</b>	<100	<b>2300</b>	<100	6600	<100
Equipment Blank 1	08/23/22	<10	<10	<10	<100	<100	<100	<100	<100
Field Blank 1	08/23/22	<10	<10	<10	<100	<100	<100	<100	<100
Field Blank 2	08/24/22	<10	<10	<10	<100	<100	<100	<100	<100
Trip Blank 1	08/23/22	<10	<10	<10	<100	<100	<100	<100	<100
Trip Blank 2	08/23/22	<10	<10	<10	<100	<100	<100	<100	<100

Note: All results in µg/l. Numbers in bold exceed RBSL. FP = Free Product.



## **2.2 Piezometric Data**

KLM Environmental conducted multiple 96-hour AFVR events at the site from June - July 2022. The SCDHEC Project Manager requested that KLM Environmental gauge all wells on site following the final 96-hour AFVR event. Field sampling sheets for the well sampling and gauging events along with the calibration logs are provided in Appendix B. Groundwater elevation data for all monitoring wells associated with the release at the site can be found in Tables 2A and 2B. Table 2A details the groundwater elevation data from the well gauging event conducted in July of 2022 following the conclusion of the 96-hour AFVR events. Table 2B details the groundwater elevation data from the recent groundwater sampling event conducted in August of 2022. A shallow groundwater flow map was created utilizing the most recent groundwater elevation data and is included in Appendix A as Figure 4.

Groundwater elevation data from both the gauging event and sampling event are as follows:

TABLE 2A  
Groundwater Data (feet)  
Quick Pantry # 19  
Greenwood, SC

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	GW Elevation
MW-1	7/25/22	623.56	X-28.5	--	18.38	--	605.18
MW-2	7/25/22	623.38	10-20	--	18.55	--	604.83
MW-3	7/25/22	625.10	10-20	--	19.46	--	605.64
MW-4	7/25/22	623.30	10-20	18.61	18.79	0.18	<b>FP</b>
MW-5	7/25/22	622.12	10-20	--	17.08	--	605.04
MW-6	7/25/22	622.84	10-20	--	15.04	--	607.80
MW-7	7/25/22	614.92	8-18	--	12.42	--	602.50
MW-8	7/25/22	615.10	5-15	12.11	13.17	1.06	<b>FP</b>
MW-9	7/25/22	615.58	7.5-17.5	--	12.33	--	603.25
MW-10	7/25/22	608.68	2-12	--	5.08	--	603.60
MW-11	7/25/22	606.78	4-14	--	7.86	--	598.92
MW-12	7/25/22	611.62	7-17	11.18	11.59	0.41	<b>FP</b>
MW-13	7/25/22	610.45	5-15	9.66	9.69	0.03	<b>FP</b>
MW-14	7/25/22	608.36	5-15	9.40	9.81	0.41	<b>FP</b>
MW-15	7/25/22	610.20	5-15	--	8.54	--	601.66
MW-16	7/25/22	605.95	5-15	--	8.39	--	597.56
MW-17	7/25/22	601.53	3-13	--	4.49	--	597.04
MW-18	7/25/22	604.03	4-14	--	7.03	--	597.00
MW-19	7/25/22	605.81	5-15	--	9.21	--	596.60
MW-20	7/25/22	601.51	3-13	--	5.92	--	595.59
MW-21	7/25/22	604.50	5-15	--	9.38	--	595.12
MW-22	7/25/22	600.57	5-15	--	9.54	--	591.03
MW-23	7/25/22	602.51	5-15	--	11.35	--	591.16
MW-24	7/25/22	602.73	5-15	--	11.69	--	591.04
MW-25	7/25/22	606.98	6-16	--	9.08	--	597.90
RW-1	7/25/22	624.54	10-20	19.23	19.66	0.43	<b>FP</b>
RW-2	7/25/22	623.44	10-20	--	18.44	--	605.00
RW-3	7/25/22	623.34	10-20	--	18.62	--	604.72
DW-1	7/25/22	624.84	40-45	--	19.73	--	605.11
DW-2	7/25/22	611.79	35-40	--	10.32	--	601.47
DW-3	7/25/22	610.33	35-40	--	9.46	--	600.87
DW-4	7/25/22	602.27	20-25	--	10.08	--	592.19

Data from Table 2A not used to construct Shallow Groundwater Flow Map.

TABLE 2B  
Groundwater Data (feet)  
Quick Pantry # 19  
Greenwood, SC

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	GW Elevation
MW-1*	8/24/22	623.56	X-28.5	19.61	19.82	0.21	FP
MW-2*	8/24/22	623.38	10-20	19.68	19.72	0.04	FP
MW-3*	8/24/22	625.10	10-20	--	DRY	--	DRY
MW-4*	8/24/22	623.30	10-20	19.55	19.75	0.20	FP
MW-5	8/24/22	622.12	10-20	--	18.26	--	603.86
MW-6	8/24/22	622.84	10-20	--	15.98	--	606.86
MW-7	8/24/22	614.92	8-18	--	13.47	--	601.45
MW-8*	8/24/22	615.10	5-15	13.24	14.32	1.08	FP
MW-9*	8/24/22	615.58	7.5-17.5	13.55	13.66	0.11	FP
MW-10	8/23/22	608.68	2-12	--	6.43	--	602.25
MW-11	8/23/22	606.78	4-14	--	8.95	--	597.83
MW-12*	8/23/22	611.62	7-17	12.19	12.78	0.59	FP
MW-13*	8/23/22	610.45	5-15	10.46	11.44	0.98	FP
MW-14*	8/23/22	608.36	5-15	10.31	11.18	0.87	FP
MW-15	8/23/22	610.20	5-15	--	9.41	--	600.79
MW-16	8/23/22	605.95	5-15	--	9.29	--	596.66
MW-17	8/23/22	601.53	3-13	--	5.48	--	596.05
MW-18	8/23/22	604.03	4-14	--	8.07	--	595.96
MW-19	8/23/22	605.81	5-15	--	10.83	--	594.98
MW-20	8/23/22	601.51	3-13	--	6.89	--	594.62
MW-21	8/23/22	604.50	5-15	--	9.63	--	594.87
MW-22	8/23/22	600.57	5-15	--	10.50	--	590.07
MW-23	8/23/22	602.51	5-15	--	12.34	--	590.17
MW-24	8/23/22	602.73	5-15	--	12.68	--	590.05
MW-25	8/23/22	606.98	6-16	--	10.16	--	596.82
RW-1	8/24/22	624.54	10-20	--	19.69	--	604.85
RW-2*	8/24/22	623.44	10-20	--	DRY	--	DRY
RW-3*	8/24/22	623.34	10-20	19.65	19.67	0.02	FP
DW-1*	8/23/22	624.84	40-45	--	21.07	--	603.77
DW-2*	8/23/22	611.79	35-40	--	11.38	--	600.41
DW-3*	8/23/22	610.33	35-40	--	10.47	--	599.86
DW-4*	8/23/22	602.27	20-25	--	11.59	--	590.68

\*= wells not used to construct Shallow Groundwater Flow Map

Depths to fluid measurements were collected relative to the top of casing for each well. A hydrocarbon interface probe capable of detecting and measuring a hydrocarbon product thickness of 0.01 foot or 1/8 inch was used for depth to fluid measurements.



### 2.3 Trench Sampling

On May 31<sup>st</sup>, 2022, KLM personnel mobilized to the site to collect surface water samples from the interception trench at the request of the SCDHEC following reports of a very black color in half of the trench. Four surface water samples were collected along the length of the trench using disposable bottom entry bailers and packed on wet ice before being shipped to Analytical Environmental Services. The locations for each trench sample are included in Figure 2 in Appendix A. The samples were analyzed for a Total Contaminant List (TCL) VOC and SVOC analysis. Only the compounds that had a detection in one of the samples are reported in the table below. Figures were submitted detailing the trench conditions in the last report submitted for the site as well as details on the sampling performed.

TABLE 3  
Summary of Trench Analytical Data  
Quick Pantry # 19  
Greenwood, SC

Sample Location		TR-1	TR-2	TR-3	TR-4	Dup-1 (TR-1)	Field Blank	Trip Blank
Constituent	Maximum Contaminant Limit Water	Sample results presented in ug/L						
2,4-Dimethylphenol	--	20	--	--	--	19	--	--
2-Methylnaphthalene	--	13	91	--	--	19	--	--
2-Methylphenol	--	140	--	--	--	170	--	--
4-Methylphenol	--	--	--	--	--	18	--	--
Benzaldehyde	--	--	--	--	10	--	--	--
Naphthalene	25	<b>64</b>	<b>140</b>	--	--	<b>70</b>	--	--
Phenol	--	41	--	--	--	72	--	--
2-Butanone (Methyl Ethyl Ketone)	--	11	--	--	--	19	--	--
Acetone	--	53	--	57	43	87	--	--
Benzene	5	<b>780</b>	<b>930</b>	<b>66</b>	<b>18</b>	<b>1100</b>	--	--
Cis-1,2-Dichloroethane	70	--	--	1.9	--	--	--	--
Cyclohexane	--	59	--	26	17	72	--	--
Ethylbenzene	700	140	<b>1200</b>	12	2.0	190	--	--
Isopropylbenzene	--	22	--	--	--	12	--	--
m,p-Xylene	10000	600	4900	140	68	790	--	--
Methyl tert-butyl ether	40	3.3	--	1.2	1.1	6.4	--	--
Methylcyclohexane	--	49	--	13	6.6	31	--	--
o-Xylene	10000	270	2100	68	41	360	--	--
Toluene	1000	<b>1700</b>	<b>5700</b>	140	43	<b>2100</b>	--	--

### 3.0 CONCLUSIONS

Results from the groundwater sampling event indicate contaminants exist at the Quick Pantry # 19 site in excess of the Risk Based Screening Levels (RBSLs) as established by the SCDHEC. Free product was present in monitoring wells MW-1, MW-2, MW-4, MW-8, MW-9, MW-12, MW-13, MW-14, and RW-3. During the prior gauging event in July of 2022, six wells at the site contained free product (MW-4, MW-8, MW-12, MW-13, MW-14, and RW-1). The gauging event was conducted immediately after a series of 96-hour AFVR events and showed a drop in free product thickness and extent. The current groundwater sampling event was conducted a month after the gauging event and shows the free product levels rebounding and the free product plume migrating slightly east-northeast. The SCDHEC gauged selected wells 7 days after KLM conducted the sampling event, and free product was detected in wells KLM did not detect free product being present, such as MW-18. The product appears to rebound quickly and is very mobile at the site. Please see the historical groundwater levels and free product thickness data provided in Appendix F for a summary of the KLM data. A map has been attached in Appendix B as Figure 3B comparing the free product plumes from the gauging event in July and the sampling event in August.

Contaminants above the RBSLs were found in monitoring wells MW-1, MW-2, MW-4, MW-5, MW-7, MW-8, MW-9, MW-12, MW-13, MW-14, MW-17, MW-18, MW-20, RW-1, RW-3, and DW-1. Contaminants were also identified in the surface water sample SW-3 above the regulatory limits. SW-2, SW-3, and SW-4 had contaminants above the regulatory limits during the previous sampling event, but contamination is no longer present in either SW-2 or SW-4 following the 96-hour AFVR events.

As is depicted in Figure 3 in Appendix A, the contaminant plume is migrating into and beneath the creek to the east of the Quick Pantry # 19 site. The creek/drainage ditch continues on and has been confirmed to empty into the pond located on the Foundry site (see Figure 2B). The plume is currently undefined horizontally to the west. The contaminant plume was defined horizontally to the south on the former foundry property utilizing temporary wells during an assessment conducted in December of 2021. Additional monitoring wells were not installed as that area is subject to the Brownfields program through the SCDHEC. The cost for maintenance during and after the proposed contaminant cap installation outweighed the benefit of installing wells on that site. The report detailing that assessment is titled Tier II Addendum dated February 8<sup>th</sup>, 2022.

Contaminants above regulatory limits were identified in telescoping well DW-1. Contaminants were identified in DW-4 as well, but below regulatory limits. No contaminants were identified in the other two deep wells, and vertical gradient calculations done during the Tier II with the deep wells near the center of the plume indicate a discharging aquifer. The lack of contaminants and the upward flow of water in the deep wells indicate the contaminant plume will continue migrating along the top of the water table, rather than diving deeper into the subsurface. DW-4 is shallower than the other deep wells, and the water table at the time of sampling was lower than it has been in the past, which may explain the appearance of contaminants following the 96-hour AFVR events. DW-1 and DW-4 should be observed frequently to ensure contaminants are not migrating downward.

Aggressive Fluid Vapor Recovery (AFVR) events have proven extremely effective at this site. To date, a total of 1061.11 gallons of free product, 2,142.60 gallons of product as vapor, and a total of 28,373.54 gallons of contaminated ground water have been recovered during eleven events at the site. The free product has diminished in both depth and breadth since the Tier II Report was submitted in September of 2021. KLM has submitted a work plan for additional AFVR events as well as the installation of petroleum recovery socks. The removal of the free product is still an abatement action that is ongoing. KLM will continue to remove free product at the site, as necessary. Recovery wells will be proposed in the coming months to assist with the free product removal using the active AFVR methods along with passive recovery skimmers.



#### 4.0 REFERENCES

KLM Environmental, LLC, *AFVR Report*, July 2022.

KLM Environmental, LLC, *Monitoring Report*, May 2022.

KLM Environmental, LLC, *Tier II Addendum Report*, February 2022.

KLM Environmental, LLC, *AFVR Report*, January 2022.

KLM Environmental, LLC, *Tier II Report*, October 2021.

KLM Environmental, LLC, *AFVR Report*, August 2021.

KLM Environmental, LLC, *AFVR Report*, June 2021.

KLM Environmental, LLC, *AFVR Report*, April 2021.

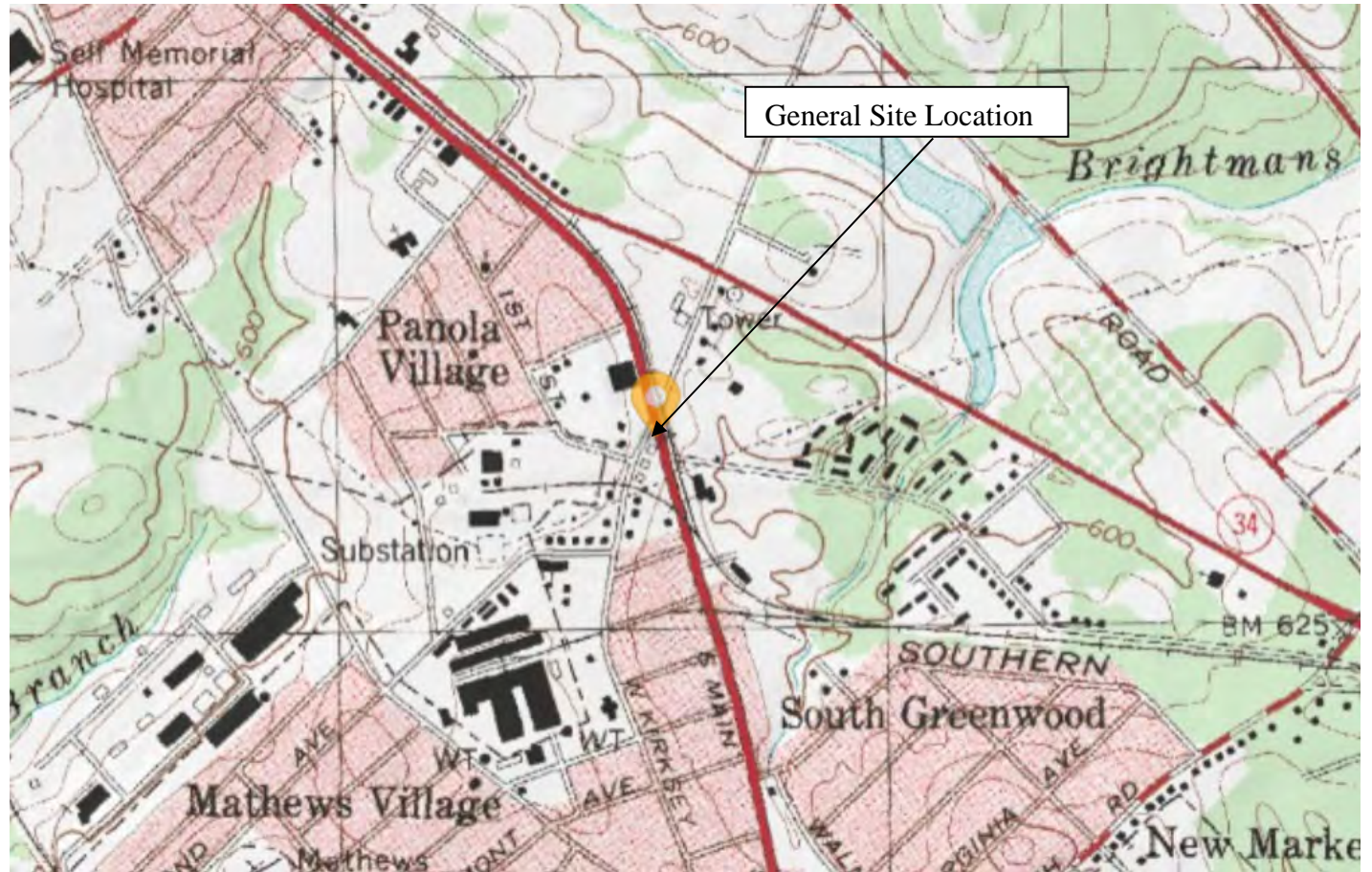
KLM Environmental, LLC, *Initial Containment Boom Report*, April 2021.

KLM Environmental, LLC, *Initial Sampling Report*, March 2021.

South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management Underground Storage Tank Program, *South Carolina Quality Assurance Program Plan Revision 4.0*, July 2020.

## APPENDIX A

### Figures



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 1

USGS Map  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785



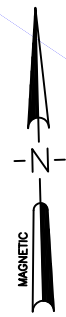


FIGURE 2

SITE MAP

QUICK PANTRY # 19

GREENWOOD, SC UST # 04785



**KLM Environmental, LLC**  
Phase I: Phase II: Underground Storage Tanks Soil & Water Sampling-Well Installation



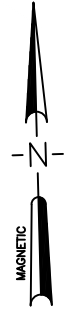


FIGURE 2b

SITE MAP TWO

QUICK PANTRY # 19

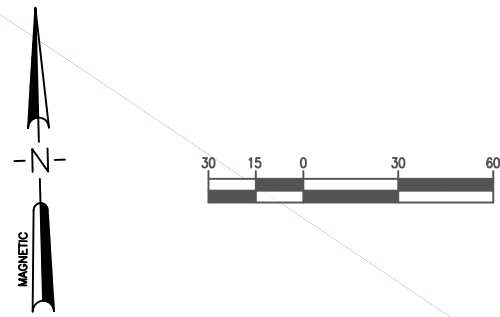
GREENWOOD, SC UST # 04785



**KLM Environmental, LLC**

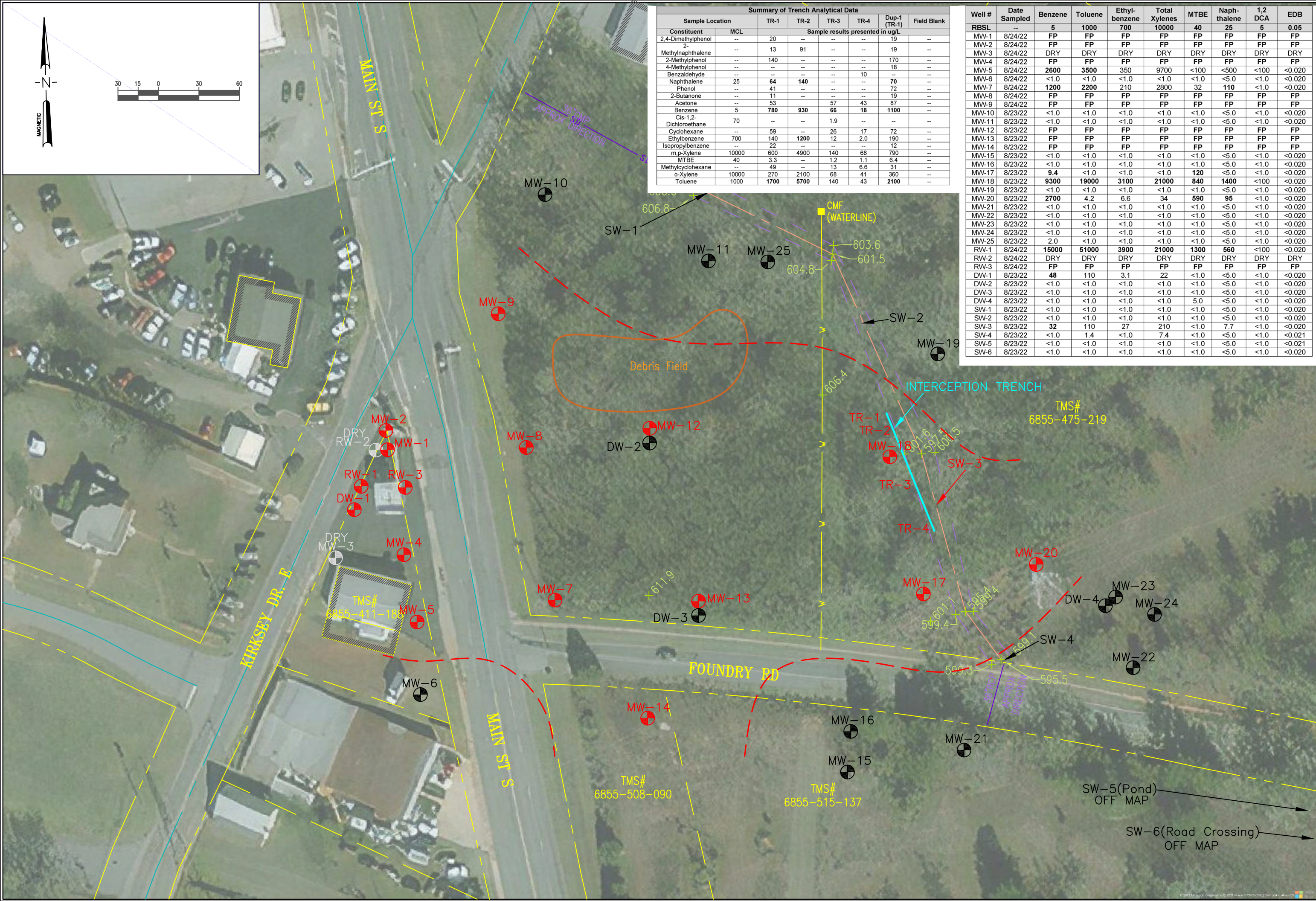
Phase I: Phase II: Underground Storage Tanks Soil & Water Sampling Well Installation





Summary of Trench Analytical Data						
Sample Location	TR-1	TR-2	TR-3	TR-4	Dup-1 (TR-1)	Field Blank
2,4-Dimethylphenol	--	20	--	--	19	--
2-Methylnaphthalene	--	13	91	--	19	--
2-Methylphenol	--	140	--	--	170	--
4-Methylphenol	--	--	--	--	18	--
Benzaldehyde	--	--	--	10	--	--
Naphthalene	25	64	140	--	70	--
Phenol	--	41	--	--	72	--
2-Butanone	--	11	--	--	19	--
Acetone	--	53	57	43	87	--
Benzene	5	780	930	66	18	1100
Cis-1,2-Dichloroethane	70	--	--	1.9	--	--
Cyclohexane	--	59	--	26	17	72
Ethylbenzene	700	140	1200	12	2.0	190
Isopropylbenzene	--	22	--	--	12	--
m,p-Xylene	10000	600	4900	140	68	790
MTBE	40	3.3	--	1.2	1.1	6.4
Methylcyclohexane	--	49	--	13	6.6	31
o-Xylene	10000	270	2100	68	41	360
Toluene	1000	1700	5700	140	43	2100

Well #	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB
RBSL	--	5	1000	700	10000	40	25	5	0.05
MW-1	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-2	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-3	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-4	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-5	8/24/22	2600	3500	350	9700	<100	<500	<100	<0.020
MW-6	8/24/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-7	8/24/22	1200	2200	210	2800	32	110	<1.0	<0.020
MW-8	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-9	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-10	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-11	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-12	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-13	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-14	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-15	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-16	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-17	8/23/22	9.4	<1.0	<1.0	<1.0	120	<5.0	<1.0	<0.020
MW-18	8/23/22	9300	19000	3100	21000	840	1400	<100	<0.020
MW-19	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-20	8/23/22	2700	4.2	6.6	34	590	95	<1.0	<0.020
MW-21	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-22	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-23	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-24	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-25	8/23/22	2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
RW-1	8/24/22	15000	51000	3900	21000	1300	560	<100	<0.020
RW-2	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-3	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
DW-1	8/23/22	48	110	3.1	22	<1.0	<5.0	<1.0	<0.020
DW-2	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
DW-3	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
DW-4	8/23/22	<1.0	<1.0	<1.0	<1.0	5.0	<5.0	<1.0	<0.020
SW-1	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
SW-2	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
SW-3	8/23/22	32	110	27	210	<1.0	7.7	<1.0	<0.020
SW-4	8/23/22	<1.0	1.4	<1.0	7.4	<1.0	<5.0	<1.0	<0.021
SW-5	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021
SW-6	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020







- ⊕ FREE PRODUCT PRESENT
- ⊕ CONTAMINANTS ABOVE RBSL

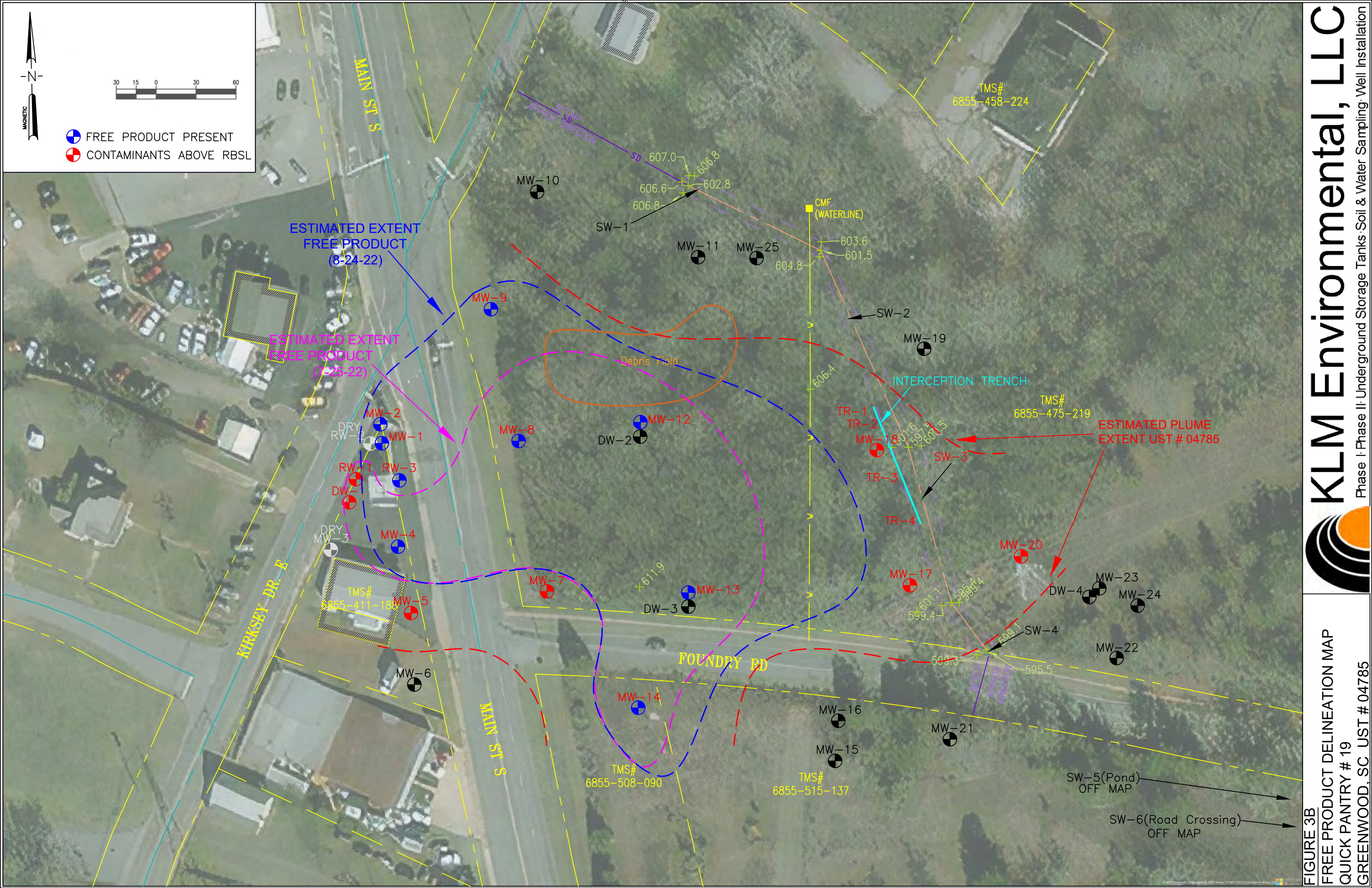


FIGURE 3B

FREE PRODUCT DELINEATION MAP  
 QUICK PANTRY # 19  
 GREENWOOD, SC UST # 04785



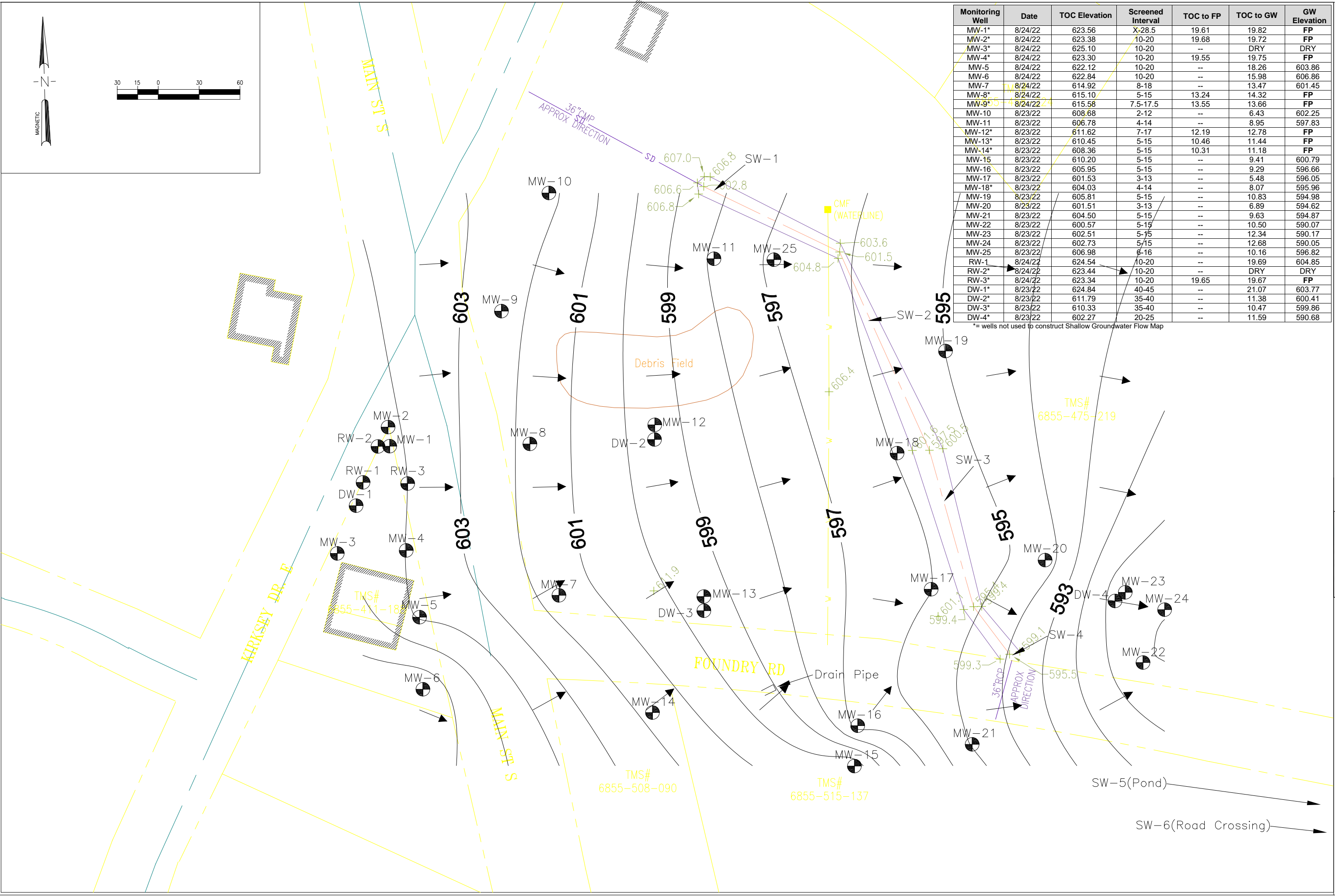
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Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	GW Elevation
MW-1*	8/24/22	623.56	X-28.5	19.61	19.82	FP
MW-2*	8/24/22	623.38	10-20	19.68	19.72	FP
MW-3*	8/24/22	625.10	10-20	--	DRY	DRY
MW-4*	8/24/22	623.30	10-20	19.55	19.75	FP
MW-5	8/24/22	622.12	10-20	--	18.26	603.86
MW-6	8/24/22	622.84	10-20	--	15.98	606.86
MW-7	8/24/22	614.92	8-18	--	13.47	601.45
MW-8*	8/24/22	615.10	5-15	13.24	14.32	FP
MW-9*	8/24/22	615.58	7.5-17.5	13.55	13.66	FP
MW-10	8/23/22	608.68	2-12	--	6.43	602.25
MW-11	8/23/22	606.78	4-14	--	8.95	597.83
MW-12*	8/23/22	611.62	7-17	12.19	12.78	FP
MW-13*	8/23/22	610.45	5-15	10.46	11.44	FP
MW-14*	8/23/22	608.36	5-15	10.31	11.18	FP
MW-15	8/23/22	610.20	5-15	--	9.41	600.79
MW-16	8/23/22	605.95	5-15	--	9.29	596.66
MW-17	8/23/22	601.53	3-13	--	5.48	596.05
MW-18*	8/23/22	604.03	4-14	--	8.07	595.96
MW-19	8/23/22	605.81	5-15	--	10.83	594.98
MW-20	8/23/22	601.51	3-13	--	6.89	594.62
MW-21	8/23/22	604.50	5-15	--	9.63	594.87
MW-22	8/23/22	600.57	5-15	--	10.50	590.07
MW-23	8/23/22	602.51	5-15	--	12.34	590.17
MW-24	8/23/22	602.73	5-15	--	12.68	590.05
MW-25	8/23/22	606.98	6-16	--	10.16	596.82
RW-1	8/24/22	624.54	10-20	--	19.69	604.85
RW-2*	8/24/22	623.44	10-20	--	DRY	DRY
RW-3*	8/24/22	623.34	10-20	19.65	19.67	FP
DW-1*	8/23/22	624.84	40-45	--	21.07	603.77
DW-2*	8/23/22	611.79	35-40	--	11.38	600.41
DW-3*	8/23/22	610.33	35-40	--	10.47	599.86
DW-4*	8/23/22	602.27	20-25	--	11.59	590.68

\*= wells not used to construct Shallow Groundwater Flow Map







Aug 23, 2022 5:11:35 PM  
2423 Main Street South  
Greenwood County  
South Carolina

SW-1 Location



Aug 23, 2022 4:02:26 PM  
221 Kentucky Avenue  
Greenwood County  
South Carolina

SW-2 Location



Aug 23, 2022 3:40:53 PM  
106 Foundry Road  
Greenwood County  
South Carolina

SW-3 Location



Aug 23, 2022 3:24:36 PM  
1911 Main Street South  
Greenwood County  
South Carolina

SW-4 Location



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

**Figure 5**

Photographs  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785





SW-5 Location



SW-6 Location



MW-1 Free Product



MW-4 Free Product

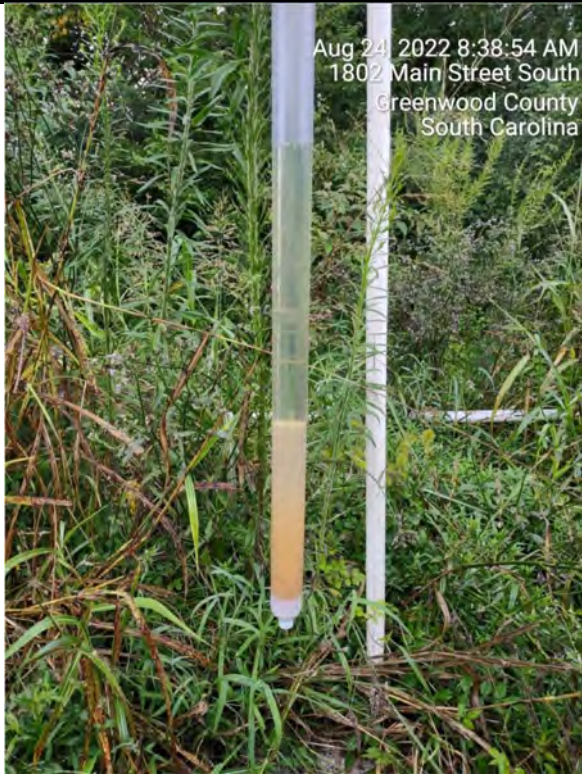


**KLM Environmental, LLC**

Phase I/Phase II/Underground Storage Tanks/Soil & Water Sampling/Well Installation

**Figure 6**  
Photographs  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785





Aug 24, 2022 8:38:54 AM  
1802 Main Street South  
Greenwood County  
South Carolina

MW-8 Free Product



Aug 24, 2022 8:32:38 AM  
1744 Main Street South  
Greenwood County  
South Carolina

MW-9 Free Product



Aug 23, 2022 4:36:06 PM  
1744 Main Street South  
Greenwood County  
South Carolina

MW-12 Free Product



Aug 23, 2022 4:14:22 PM  
1802 Main Street South  
Greenwood County  
South Carolina

MW-13 Free Product



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 7  
Photographs  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785



RW-3 Free Product

Figure 8  
Photographs  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation



## APPENDIX B

### Laboratory Data / Sampling Sheets



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 14, 2022

Mark Keller  
KLM Environmental, LLC

P.O. Box 2704  
Goose Creek SC 29445

RE: Quick Pantry #19

Dear Mark Keller:

Order No: 2206176

Analytical Environmental Services, Inc. received 7 samples on 6/2/2022 9:21:00 AM  
for the analyses presented in following report.

“No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES' certifications are as follows:

-South Carolina Certification number 98016003 for Clean Water Act and for Solid and Hazardous Waste, effective until 6/30/22.

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

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

Sincerely,

Eben Buchanan  
Project Manager





**Client:** KLM Environmental, LLC  
**Project:** Quick Pantry #19  
**Lab ID:** 2206176

**Case Narrative**

Volatiles Organic Compounds Analysis by Method 8260D:

Due to sample matrix, sample 2206176-002A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Semi-Volatiles Organic Compounds Analysis by Method 8270E:

LCS-337389 recovery for Di-n-octyl phthalate and Bis(2-ethylhexyl)phthalate was outside control limits biased high. Target analyte was not detected in the analytical samples and data is reportable with high bias.

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-1
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 4:15:00 PM
<b>Lab ID:</b> 2206176-001	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS</b>	<b>SW8270E</b>				<b>(SW3520)</b>			
1,1'-Biphenyl	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
2,4,5-Trichlorophenol	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
2,4,6-Trichlorophenol	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
2,4-Dichlorophenol	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
2,4-Dimethylphenol	20	10		ug/L	337389	1	06/09/2022 13:06	YH
2,4-Dinitrophenol	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
2,4-Dinitrotoluene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
2,6-Dinitrotoluene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
2-Chloronaphthalene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
2-Chlorophenol	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
2-Methylnaphthalene	13	10		ug/L	337389	1	06/09/2022 13:06	YH
2-Methylphenol	140	100		ug/L	337389	10	06/13/2022 11:50	YH
2-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
2-Nitrophenol	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
3,3'-Dichlorobenzidine	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
3-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
4-Bromophenyl phenyl ether	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
4-Chloro-3-methylphenol	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
4-Chloroaniline	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
4-Methylphenol	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
4-Nitroaniline	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
4-Nitrophenol	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
Acenaphthene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Acenaphthylene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Acetophenone	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Anthracene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Atrazine	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Benz(a)anthracene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Benzaldehyde	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Benzo(a)pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Benzo(b)fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Benzo(k)fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Bis(2-chloroethyl)ether	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Butyl benzyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Caprolactam	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Carbazole	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Chrysene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Di-n-butyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Di-n-octyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-1
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 4:15:00 PM
<b>Lab ID:</b> 2206176-001	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>		<b>(SW3520)</b>						
Dibenz(a,h)anthracene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Dibenzofuran	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Diethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Dimethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Fluorene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Hexachlorobenzene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Hexachlorobutadiene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Hexachloroethane	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Isophorone	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Naphthalene	64	10		ug/L	337389	1	06/09/2022 13:06	YH
Nitrobenzene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Pentachlorophenol	BRL	25		ug/L	337389	1	06/09/2022 13:06	YH
Phenanthrene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Phenol	41	10		ug/L	337389	1	06/09/2022 13:06	YH
Pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:06	YH
Surr: 2,4,6-Tribromophenol	138	46-135	S	%REC	337389	1	06/09/2022 13:06	YH
Surr: 2-Fluorobiphenyl	95	45-121		%REC	337389	1	06/09/2022 13:06	YH
Surr: 2-Fluorophenol	60	28.2-120		%REC	337389	1	06/09/2022 13:06	YH
Surr: 4-Terphenyl-d14	68.9	44-120		%REC	337389	1	06/09/2022 13:06	YH
Surr: Nitrobenzene-d5	112	41-123		%REC	337389	1	06/09/2022 13:06	YH
Surr: Phenol-d5	76.8	19.5-120		%REC	337389	1	06/09/2022 13:06	YH
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
1,1,1-Trichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,1,2-Trichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,1-Dichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,1-Dichloroethene	BRL	2.0		ug/L	337555	1	06/07/2022 21:15	OM
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,2-Dibromoethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,2-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,2-Dichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,2-Dichloropropane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,3-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
1,4-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
2-Butanone	11	10		ug/L	337555	1	06/07/2022 21:15	OM
2-Hexanone	BRL	10		ug/L	337555	1	06/07/2022 21:15	OM
4-Methyl-2-pentanone	BRL	10		ug/L	337555	1	06/07/2022 21:15	OM
Acetone	53	20		ug/L	337555	1	06/07/2022 21:15	OM

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



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-1
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 4:15:00 PM
<b>Lab ID:</b> 2206176-001	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
Benzene	780	10		ug/L	337555	10	06/09/2022 14:58	OM
Bromodichloromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Bromoform	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Bromomethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Carbon disulfide	BRL	5.0		ug/L	337555	1	06/07/2022 21:15	OM
Carbon tetrachloride	BRL	2.0		ug/L	337555	1	06/07/2022 21:15	OM
Chlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Chloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Chloroform	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Chloromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
cis-1,2-Dichloroethene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
cis-1,3-Dichloropropene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Cyclohexane	59	2.0		ug/L	337555	1	06/07/2022 21:15	OM
Dibromochloromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Dichlorodifluoromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Ethylbenzene	140	10		ug/L	337555	10	06/09/2022 14:58	OM
Freon-113	BRL	5.0		ug/L	337555	1	06/07/2022 21:15	OM
Isopropylbenzene	22	1.0		ug/L	337555	1	06/07/2022 21:15	OM
m,p-Xylene	600	10		ug/L	337555	10	06/09/2022 14:58	OM
Methyl acetate	BRL	2.0		ug/L	337555	1	06/07/2022 21:15	OM
Methyl tert-butyl ether	3.3	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Methylcyclohexane	49	2.0		ug/L	337555	1	06/07/2022 21:15	OM
Methylene chloride	BRL	5.0		ug/L	337555	1	06/07/2022 21:15	OM
o-Xylene	270	10		ug/L	337555	10	06/09/2022 14:58	OM
Styrene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Tetrachloroethene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Toluene	1700	100		ug/L	337555	100	06/06/2022 22:46	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	337555	1	06/07/2022 21:15	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	337555	1	06/07/2022 21:15	OM
Trichloroethene	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Trichlorofluoromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Vinyl chloride	BRL	1.0		ug/L	337555	1	06/07/2022 21:15	OM
Surr: 4-Bromofluorobenzene	97.1	70-130		%REC	337555	100	06/06/2022 22:46	OM
Surr: 4-Bromofluorobenzene	98.7	70-130		%REC	337555	1	06/07/2022 21:15	OM
Surr: 4-Bromofluorobenzene	99	70-130		%REC	337555	10	06/09/2022 14:58	OM
Surr: Dibromofluoromethane	92.9	70-130		%REC	337555	1	06/07/2022 21:15	OM
Surr: Dibromofluoromethane	95.4	70-130		%REC	337555	10	06/09/2022 14:58	OM
Surr: Dibromofluoromethane	96.1	70-130		%REC	337555	100	06/06/2022 22:46	OM
Surr: Toluene-d8	104	70-130		%REC	337555	1	06/07/2022 21:15	OM
Surr: Toluene-d8	103	70-130		%REC	337555	100	06/06/2022 22:46	OM
Surr: Toluene-d8	104	70-130		%REC	337555	10	06/09/2022 14:58	OM

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Lab ID:** 2206176-002

**Client Sample ID:** #04785-TR-2  
**Collection Date:** 5/31/2022 4:30:00 PM  
**Matrix:** Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>		<b>(SW3520)</b>						
Dibenz(a,h)anthracene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Dibenzofuran	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Diethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Dimethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Fluorene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Hexachlorobenzene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Hexachlorobutadiene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Hexachloroethane	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Isophorone	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Naphthalene	140	10		ug/L	337389	1	06/09/2022 13:32	YH
Nitrobenzene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Pentachlorophenol	BRL	25		ug/L	337389	1	06/09/2022 13:32	YH
Phenanthrene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Phenol	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:32	YH
Surr: 2,4,6-Tribromophenol	153	46-135	S	%REC	337389	1	06/09/2022 13:32	YH
Surr: 2-Fluorobiphenyl	103	45-121		%REC	337389	1	06/09/2022 13:32	YH
Surr: 2-Fluorophenol	55.3	28.2-120		%REC	337389	1	06/09/2022 13:32	YH
Surr: 4-Terphenyl-d14	78.8	44-120		%REC	337389	1	06/09/2022 13:32	YH
Surr: Nitrobenzene-d5	115	41-123		%REC	337389	1	06/09/2022 13:32	YH
Surr: Phenol-d5	82	19.5-120		%REC	337389	1	06/09/2022 13:32	YH
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
1,1,1-Trichloroethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,1,2,2-Tetrachloroethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,1,2-Trichloroethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,1-Dichloroethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,1-Dichloroethene	BRL	200		ug/L	337555	100	06/06/2022 23:08	OM
1,2,4-Trichlorobenzene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,2-Dibromo-3-chloropropane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,2-Dibromoethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,2-Dichlorobenzene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,2-Dichloroethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,2-Dichloropropane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,3-Dichlorobenzene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
1,4-Dichlorobenzene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
2-Butanone	BRL	1000		ug/L	337555	100	06/06/2022 23:08	OM
2-Hexanone	BRL	1000		ug/L	337555	100	06/06/2022 23:08	OM
4-Methyl-2-pentanone	BRL	1000		ug/L	337555	100	06/06/2022 23:08	OM
Acetone	BRL	2000		ug/L	337555	100	06/06/2022 23:08	OM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-2
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 4:30:00 PM
<b>Lab ID:</b> 2206176-002	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>					<b>(SW5030B)</b>			
Benzene	930	100		ug/L	337555	100	06/06/2022 23:08	OM
Bromodichloromethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Bromoform	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Bromomethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Carbon disulfide	BRL	500		ug/L	337555	100	06/06/2022 23:08	OM
Carbon tetrachloride	BRL	200		ug/L	337555	100	06/06/2022 23:08	OM
Chlorobenzene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Chloroethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Chloroform	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Chloromethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
cis-1,2-Dichloroethene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
cis-1,3-Dichloropropene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Cyclohexane	BRL	200		ug/L	337555	100	06/06/2022 23:08	OM
Dibromochloromethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Dichlorodifluoromethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Ethylbenzene	1200	100		ug/L	337555	100	06/06/2022 23:08	OM
Freon-113	BRL	500		ug/L	337555	100	06/06/2022 23:08	OM
Isopropylbenzene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
m,p-Xylene	4900	100		ug/L	337555	100	06/06/2022 23:08	OM
Methyl acetate	BRL	200		ug/L	337555	100	06/06/2022 23:08	OM
Methyl tert-butyl ether	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Methylcyclohexane	BRL	200		ug/L	337555	100	06/06/2022 23:08	OM
Methylene chloride	BRL	500		ug/L	337555	100	06/06/2022 23:08	OM
o-Xylene	2100	100		ug/L	337555	100	06/06/2022 23:08	OM
Styrene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Tetrachloroethene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Toluene	5700	100		ug/L	337555	100	06/06/2022 23:08	OM
trans-1,2-Dichloroethene	BRL	200		ug/L	337555	100	06/06/2022 23:08	OM
trans-1,3-Dichloropropene	BRL	200		ug/L	337555	100	06/06/2022 23:08	OM
Trichloroethene	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Trichlorofluoromethane	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Vinyl chloride	BRL	100		ug/L	337555	100	06/06/2022 23:08	OM
Surr: 4-Bromofluorobenzene	100	70-130		%REC	337555	100	06/06/2022 23:08	OM
Surr: Dibromofluoromethane	95.5	70-130		%REC	337555	100	06/06/2022 23:08	OM
Surr: Toluene-d8	102	70-130		%REC	337555	100	06/06/2022 23:08	OM

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Lab ID:** 2206176-003

**Client Sample ID:** #04785-TR-3  
**Collection Date:** 5/31/2022 4:45:00 PM  
**Matrix:** Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>		<b>(SW3520)</b>						
Dibenz(a,h)anthracene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Dibenzofuran	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Diethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Dimethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Fluorene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Hexachlorobenzene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Hexachlorobutadiene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Hexachloroethane	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Isophorone	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Naphthalene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Nitrobenzene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Pentachlorophenol	BRL	25		ug/L	337389	1	06/09/2022 13:59	YH
Phenanthrene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Phenol	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Pyrene	BRL	10		ug/L	337389	1	06/09/2022 13:59	YH
Surr: 2,4,6-Tribromophenol	148	46-135	S	%REC	337389	1	06/09/2022 13:59	YH
Surr: 2-Fluorobiphenyl	113	45-121		%REC	337389	1	06/09/2022 13:59	YH
Surr: 2-Fluorophenol	61.6	28.2-120		%REC	337389	1	06/09/2022 13:59	YH
Surr: 4-Terphenyl-d14	97.9	44-120		%REC	337389	1	06/09/2022 13:59	YH
Surr: Nitrobenzene-d5	121	41-123		%REC	337389	1	06/09/2022 13:59	YH
Surr: Phenol-d5	91.4	19.5-120		%REC	337389	1	06/09/2022 13:59	YH
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
1,1,1-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,1,2-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,1-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,1-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 19:27	OM
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,2-Dibromoethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,2-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,2-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,2-Dichloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,3-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
1,4-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
2-Butanone	BRL	10		ug/L	337555	1	06/06/2022 19:27	OM
2-Hexanone	BRL	10		ug/L	337555	1	06/06/2022 19:27	OM
4-Methyl-2-pentanone	BRL	10		ug/L	337555	1	06/06/2022 19:27	OM
Acetone	57	20		ug/L	337555	1	06/07/2022 17:14	OM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-3
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 4:45:00 PM
<b>Lab ID:</b> 2206176-003	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
Benzene	66	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Bromodichloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Bromoform	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Bromomethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Carbon disulfide	BRL	5.0		ug/L	337555	1	06/06/2022 19:27	OM
Carbon tetrachloride	BRL	2.0		ug/L	337555	1	06/06/2022 19:27	OM
Chlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Chloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Chloroform	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Chloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
cis-1,2-Dichloroethene	1.9	1.0		ug/L	337555	1	06/06/2022 19:27	OM
cis-1,3-Dichloropropene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Cyclohexane	26	2.0		ug/L	337555	1	06/06/2022 19:27	OM
Dibromochloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Dichlorodifluoromethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Ethylbenzene	12	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Freon-113	BRL	5.0		ug/L	337555	1	06/06/2022 19:27	OM
Isopropylbenzene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
m,p-Xylene	140	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Methyl acetate	BRL	2.0		ug/L	337555	1	06/06/2022 19:27	OM
Methyl tert-butyl ether	1.2	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Methylcyclohexane	13	2.0		ug/L	337555	1	06/06/2022 19:27	OM
Methylene chloride	BRL	5.0		ug/L	337555	1	06/06/2022 19:27	OM
o-Xylene	68	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Styrene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Tetrachloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Toluene	140	1.0		ug/L	337555	1	06/06/2022 19:27	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 19:27	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	337555	1	06/06/2022 19:27	OM
Trichloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Trichlorofluoromethane	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Vinyl chloride	BRL	1.0		ug/L	337555	1	06/06/2022 19:27	OM
Surr: 4-Bromofluorobenzene	94.6	70-130		%REC	337555	1	06/07/2022 17:14	OM
Surr: 4-Bromofluorobenzene	101	70-130		%REC	337555	1	06/06/2022 19:27	OM
Surr: Dibromofluoromethane	94.8	70-130		%REC	337555	1	06/06/2022 19:27	OM
Surr: Dibromofluoromethane	97.3	70-130		%REC	337555	1	06/07/2022 17:14	OM
Surr: Toluene-d8	103	70-130		%REC	337555	1	06/06/2022 19:27	OM
Surr: Toluene-d8	103	70-130		%REC	337555	1	06/07/2022 17:14	OM

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



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-4
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 5:00:00 PM
<b>Lab ID:</b> 2206176-004	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>		<b>(SW3520)</b>						
Dibenz(a,h)anthracene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Dibenzofuran	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Diethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Dimethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Fluorene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Hexachlorobenzene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Hexachlorobutadiene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Hexachloroethane	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Isophorone	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Naphthalene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Nitrobenzene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Pentachlorophenol	BRL	25		ug/L	337389	1	06/09/2022 11:47	YH
Phenanthrene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Phenol	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Pyrene	BRL	10		ug/L	337389	1	06/09/2022 11:47	YH
Surr: 2,4,6-Tribromophenol	152	46-135	S	%REC	337389	1	06/09/2022 11:47	YH
Surr: 2-Fluorobiphenyl	103	45-121		%REC	337389	1	06/09/2022 11:47	YH
Surr: 2-Fluorophenol	66	28.2-120		%REC	337389	1	06/09/2022 11:47	YH
Surr: 4-Terphenyl-d14	112	44-120		%REC	337389	1	06/09/2022 11:47	YH
Surr: Nitrobenzene-d5	113	41-123		%REC	337389	1	06/09/2022 11:47	YH
Surr: Phenol-d5	89.4	19.5-120		%REC	337389	1	06/09/2022 11:47	YH
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
1,1,1-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,1,2-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,1-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,1-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 17:59	OM
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,2-Dibromoethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,2-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,2-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,2-Dichloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,3-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
1,4-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
2-Butanone	BRL	10		ug/L	337555	1	06/06/2022 17:59	OM
2-Hexanone	BRL	10		ug/L	337555	1	06/06/2022 17:59	OM
4-Methyl-2-pentanone	BRL	10		ug/L	337555	1	06/06/2022 17:59	OM
Acetone	43	20		ug/L	337555	1	06/07/2022 17:36	OM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TR-4
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 5:00:00 PM
<b>Lab ID:</b> 2206176-004	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
Benzene	18	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Bromodichloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Bromoform	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Bromomethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Carbon disulfide	BRL	5.0		ug/L	337555	1	06/06/2022 17:59	OM
Carbon tetrachloride	BRL	2.0		ug/L	337555	1	06/06/2022 17:59	OM
Chlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Chloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Chloroform	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Chloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
cis-1,2-Dichloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
cis-1,3-Dichloropropene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Cyclohexane	17	2.0		ug/L	337555	1	06/06/2022 17:59	OM
Dibromochloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Dichlorodifluoromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Ethylbenzene	2.0	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Freon-113	BRL	5.0		ug/L	337555	1	06/06/2022 17:59	OM
Isopropylbenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
m,p-Xylene	68	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Methyl acetate	BRL	2.0		ug/L	337555	1	06/06/2022 17:59	OM
Methyl tert-butyl ether	1.1	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Methylcyclohexane	6.6	2.0		ug/L	337555	1	06/06/2022 17:59	OM
Methylene chloride	BRL	5.0		ug/L	337555	1	06/06/2022 17:59	OM
o-Xylene	41	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Styrene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Tetrachloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Toluene	43	1.0		ug/L	337555	1	06/06/2022 17:59	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 17:59	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	337555	1	06/06/2022 17:59	OM
Trichloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Trichlorofluoromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Vinyl chloride	BRL	1.0		ug/L	337555	1	06/06/2022 17:59	OM
Surr: 4-Bromofluorobenzene	100	70-130		%REC	337555	1	06/06/2022 17:59	OM
Surr: 4-Bromofluorobenzene	96.6	70-130		%REC	337555	1	06/07/2022 17:36	OM
Surr: Dibromofluoromethane	94.4	70-130		%REC	337555	1	06/06/2022 17:59	OM
Surr: Dibromofluoromethane	97	70-130		%REC	337555	1	06/07/2022 17:36	OM
Surr: Toluene-d8	102	70-130		%REC	337555	1	06/06/2022 17:59	OM
Surr: Toluene-d8	103	70-130		%REC	337555	1	06/07/2022 17:36	OM

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Lab ID:** 2206176-005

**Client Sample ID:** #04785-DUP-1  
**Collection Date:** 5/31/2022 4:20:00 PM  
**Matrix:** Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>		<b>(SW3520)</b>						
Dibenz(a,h)anthracene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Dibenzofuran	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Diethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Dimethyl phthalate	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Fluoranthene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Fluorene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Hexachlorobenzene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Hexachlorobutadiene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Hexachloroethane	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Isophorone	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Naphthalene	70	10		ug/L	337389	1	06/09/2022 14:25	YH
Nitrobenzene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Pentachlorophenol	BRL	25		ug/L	337389	1	06/09/2022 14:25	YH
Phenanthrene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Phenol	72	10		ug/L	337389	1	06/09/2022 14:25	YH
Pyrene	BRL	10		ug/L	337389	1	06/09/2022 14:25	YH
Surr: 2,4,6-Tribromophenol	144	46-135	S	%REC	337389	1	06/09/2022 14:25	YH
Surr: 2-Fluorobiphenyl	87.9	45-121		%REC	337389	1	06/09/2022 14:25	YH
Surr: 2-Fluorophenol	72	28.2-120		%REC	337389	1	06/09/2022 14:25	YH
Surr: 4-Terphenyl-d14	88	44-120		%REC	337389	1	06/09/2022 14:25	YH
Surr: Nitrobenzene-d5	126	41-123	S	%REC	337389	1	06/09/2022 14:25	YH
Surr: Phenol-d5	95	19.5-120		%REC	337389	1	06/09/2022 14:25	YH
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
1,1,1-Trichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,1,2-Trichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,1-Dichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,1-Dichloroethene	BRL	2.0		ug/L	337555	1	06/07/2022 21:59	OM
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,2-Dibromoethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,2-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,2-Dichloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,2-Dichloropropane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,3-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
1,4-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
2-Butanone	19	10		ug/L	337555	1	06/07/2022 21:59	OM
2-Hexanone	BRL	10		ug/L	337555	1	06/07/2022 21:59	OM
4-Methyl-2-pentanone	BRL	10		ug/L	337555	1	06/07/2022 21:59	OM
Acetone	87	20		ug/L	337555	1	06/07/2022 21:59	OM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-DUP-1
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 4:20:00 PM
<b>Lab ID:</b> 2206176-005	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5030B)</b>						
Benzene	1100	100		ug/L	337555	100	06/06/2022 23:30	OM
Bromodichloromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Bromoform	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Bromomethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Carbon disulfide	BRL	5.0		ug/L	337555	1	06/07/2022 21:59	OM
Carbon tetrachloride	BRL	2.0		ug/L	337555	1	06/07/2022 21:59	OM
Chlorobenzene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Chloroethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Chloroform	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Chloromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
cis-1,2-Dichloroethene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
cis-1,3-Dichloropropene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Cyclohexane	72	2.0		ug/L	337555	1	06/07/2022 21:59	OM
Dibromochloromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Dichlorodifluoromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Ethylbenzene	190	10		ug/L	337555	10	06/09/2022 15:19	OM
Freon-113	BRL	5.0		ug/L	337555	1	06/07/2022 21:59	OM
Isopropylbenzene	12	1.0		ug/L	337555	1	06/07/2022 21:59	OM
m,p-Xylene	790	10		ug/L	337555	10	06/09/2022 15:19	OM
Methyl acetate	BRL	2.0		ug/L	337555	1	06/07/2022 21:59	OM
Methyl tert-butyl ether	6.4	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Methylcyclohexane	31	2.0		ug/L	337555	1	06/07/2022 21:59	OM
Methylene chloride	BRL	5.0		ug/L	337555	1	06/07/2022 21:59	OM
o-Xylene	360	10		ug/L	337555	10	06/09/2022 15:19	OM
Styrene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Tetrachloroethene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Toluene	2100	100		ug/L	337555	100	06/06/2022 23:30	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	337555	1	06/07/2022 21:59	OM
trans-1,3-Dichloropropene	BRL	2.0		ug/L	337555	1	06/07/2022 21:59	OM
Trichloroethene	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Trichlorofluoromethane	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Vinyl chloride	BRL	1.0		ug/L	337555	1	06/07/2022 21:59	OM
Surr: 4-Bromofluorobenzene	96	70-130		%REC	337555	1	06/07/2022 21:59	OM
Surr: 4-Bromofluorobenzene	98.2	70-130		%REC	337555	100	06/06/2022 23:30	OM
Surr: 4-Bromofluorobenzene	98.9	70-130		%REC	337555	10	06/09/2022 15:19	OM
Surr: Dibromofluoromethane	89.3	70-130		%REC	337555	1	06/07/2022 21:59	OM
Surr: Dibromofluoromethane	95.7	70-130		%REC	337555	100	06/06/2022 23:30	OM
Surr: Dibromofluoromethane	98.6	70-130		%REC	337555	10	06/09/2022 15:19	OM
Surr: Toluene-d8	101	70-130		%REC	337555	1	06/07/2022 21:59	OM
Surr: Toluene-d8	102	70-130		%REC	337555	100	06/06/2022 23:30	OM
Surr: Toluene-d8	102	70-130		%REC	337555	10	06/09/2022 15:19	OM

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

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-FIELD BLANK
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022 5:15:00 PM
<b>Lab ID:</b> 2206176-006	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>					<b>(SW5030B)</b>			
1,1,1-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,1,2-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,1-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,1-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 17:37	OM
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,2-Dibromoethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,2-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,2-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,2-Dichloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,3-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
1,4-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
2-Butanone	BRL	10		ug/L	337555	1	06/06/2022 17:37	OM
2-Hexanone	BRL	10		ug/L	337555	1	06/06/2022 17:37	OM
4-Methyl-2-pentanone	BRL	10		ug/L	337555	1	06/06/2022 17:37	OM
Acetone	BRL	20		ug/L	337555	1	06/06/2022 17:37	OM
Benzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Bromodichloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Bromoform	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Bromomethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Carbon disulfide	BRL	5.0		ug/L	337555	1	06/06/2022 17:37	OM
Carbon tetrachloride	BRL	2.0		ug/L	337555	1	06/06/2022 17:37	OM
Chlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Chloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Chloroform	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Chloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
cis-1,2-Dichloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
cis-1,3-Dichloropropene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Cyclohexane	BRL	2.0		ug/L	337555	1	06/06/2022 17:37	OM
Dibromochloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Dichlorodifluoromethane	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Ethylbenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Freon-113	BRL	5.0		ug/L	337555	1	06/06/2022 17:37	OM
Isopropylbenzene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
m,p-Xylene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Methyl acetate	BRL	2.0		ug/L	337555	1	06/06/2022 17:37	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Methylcyclohexane	BRL	2.0		ug/L	337555	1	06/06/2022 17:37	OM
Methylene chloride	BRL	5.0		ug/L	337555	1	06/06/2022 17:37	OM
o-Xylene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Styrene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Tetrachloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
Toluene	BRL	1.0		ug/L	337555	1	06/06/2022 17:37	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 17:37	OM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit





**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Lab ID:** 2206176-007

**Client Sample ID:** #04785-TRIP BLANK  
**Collection Date:** 5/31/2022  
**Matrix:** Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>					<b>(SW5030B)</b>			
1,1,1-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,1,2-Trichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,1-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,1-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 10:59	OM
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,2-Dibromoethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,2-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,2-Dichloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,2-Dichloropropane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,3-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
1,4-Dichlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
2-Butanone	BRL	10		ug/L	337555	1	06/06/2022 10:59	OM
2-Hexanone	BRL	10		ug/L	337555	1	06/06/2022 10:59	OM
4-Methyl-2-pentanone	BRL	10		ug/L	337555	1	06/06/2022 10:59	OM
Acetone	BRL	20		ug/L	337555	1	06/06/2022 10:59	OM
Benzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Bromodichloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Bromoform	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Bromomethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Carbon disulfide	BRL	5.0		ug/L	337555	1	06/06/2022 10:59	OM
Carbon tetrachloride	BRL	2.0		ug/L	337555	1	06/06/2022 10:59	OM
Chlorobenzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Chloroethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Chloroform	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Chloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
cis-1,2-Dichloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
cis-1,3-Dichloropropene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Cyclohexane	BRL	2.0		ug/L	337555	1	06/06/2022 10:59	OM
Dibromochloromethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Dichlorodifluoromethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Ethylbenzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Freon-113	BRL	5.0		ug/L	337555	1	06/06/2022 10:59	OM
Isopropylbenzene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
m,p-Xylene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Methyl acetate	BRL	2.0		ug/L	337555	1	06/06/2022 10:59	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Methylcyclohexane	BRL	2.0		ug/L	337555	1	06/06/2022 10:59	OM
Methylene chloride	BRL	5.0		ug/L	337555	1	06/06/2022 10:59	OM
o-Xylene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Styrene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Tetrachloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Toluene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
trans-1,2-Dichloroethene	BRL	2.0		ug/L	337555	1	06/06/2022 10:59	OM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785-TRIP BLANK
<b>Project Name:</b> Quick Pantry #19	<b>Collection Date:</b> 5/31/2022
<b>Lab ID:</b> 2206176-007	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>								
					<b>(SW5030B)</b>			
trans-1,3-Dichloropropene	BRL	2.0		ug/L	337555	1	06/06/2022 10:59	OM
Trichloroethene	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Trichlorofluoromethane	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Vinyl chloride	BRL	1.0		ug/L	337555	1	06/06/2022 10:59	OM
Surr: 4-Bromofluorobenzene	98	70-130		%REC	337555	1	06/06/2022 10:59	OM
Surr: Dibromofluoromethane	98.6	70-130		%REC	337555	1	06/06/2022 10:59	OM
Surr: Toluene-d8	100	70-130		%REC	337555	1	06/06/2022 10:59	OM

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

**SAMPLE/COOLER RECEIPT CHECKLIST**

1. Client Name: **KLM ENV, LLC**

AES Work Order Number: **2206176**

2. Carrier: FedEx  UPS  USPS  Client  Courier  Other \_\_\_\_\_

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

13. Cooler 1 Temperature 2.1 °C    Cooler 2 Temperature \_\_\_\_\_ °C    Cooler 3 Temperature \_\_\_\_\_ °C    Cooler 4 Temperature \_\_\_\_\_ °C  
 14. Cooler 5 Temperature \_\_\_\_\_ °C    Cooler 6 Temperature \_\_\_\_\_ °C    Cooler 7 Temperature \_\_\_\_\_ °C    Cooler 8 Temperature \_\_\_\_\_ °C

15. Comments: \_\_\_\_\_

I certify that I have completed sections 1-15 (dated initials). KK 6/3/22

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

27. Comments: \_\_\_\_\_

This section only applies to samples where pH can be checked at Sample Receipt.

I certify that I have completed sections 16-27 (dated initials). KK 6/3/22

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
29. Containers meet preservation guidelines?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
30. Was pH adjusted at Sample Receipt?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		

\* Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/TPH.

This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.

I certify that I have completed sections 28-30 (dated initials). KK 6/3/22

Locked



Client: KLM Environmental, LLC  
 Project Name: Quick Pantry #19  
 Lab Order: 2206176

### Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2206176-001A	#04785-TR-1	5/31/2022 4:15:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/06/2022
2206176-001A	#04785-TR-1	5/31/2022 4:15:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/07/2022
2206176-001A	#04785-TR-1	5/31/2022 4:15:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/09/2022
2206176-001B	#04785-TR-1	5/31/2022 4:15:00PM	Surface Water	TCL-SEMIVOLATILE ORGANICS		6/6/2022 7:11:00 AM	06/09/2022
2206176-001B	#04785-TR-1	5/31/2022 4:15:00PM	Surface Water	TCL-SEMIVOLATILE ORGANICS		6/6/2022 7:11:00 AM	06/13/2022
2206176-002A	#04785-TR-2	5/31/2022 4:30:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/06/2022
2206176-002B	#04785-TR-2	5/31/2022 4:30:00PM	Surface Water	TCL-SEMIVOLATILE ORGANICS		6/6/2022 7:11:00 AM	06/09/2022
2206176-003A	#04785-TR-3	5/31/2022 4:45:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/06/2022
2206176-003A	#04785-TR-3	5/31/2022 4:45:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/07/2022
2206176-003B	#04785-TR-3	5/31/2022 4:45:00PM	Surface Water	TCL-SEMIVOLATILE ORGANICS		6/6/2022 7:11:00 AM	06/09/2022
2206176-004A	#04785-TR-4	5/31/2022 5:00:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/06/2022
2206176-004A	#04785-TR-4	5/31/2022 5:00:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/07/2022
2206176-004B	#04785-TR-4	5/31/2022 5:00:00PM	Surface Water	TCL-SEMIVOLATILE ORGANICS		6/6/2022 7:11:00 AM	06/09/2022
2206176-005A	#04785-DUP-1	5/31/2022 4:20:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/06/2022
2206176-005A	#04785-DUP-1	5/31/2022 4:20:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/07/2022
2206176-005A	#04785-DUP-1	5/31/2022 4:20:00PM	Surface Water	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/09/2022
2206176-005B	#04785-DUP-1	5/31/2022 4:20:00PM	Surface Water	TCL-SEMIVOLATILE ORGANICS		6/6/2022 7:11:00 AM	06/09/2022
2206176-005B	#04785-DUP-1	5/31/2022 4:20:00PM	Surface Water	TCL-SEMIVOLATILE ORGANICS		6/6/2022 7:11:00 AM	06/13/2022
2206176-006A	#04785-FIELD BLANK	5/31/2022 5:15:00PM	Aqueous	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/06/2022
2206176-007A	#04785-TRIP BLANK	5/31/2022 12:00:00AM	Aqueous	TCL VOLATILE ORGANICS		6/6/2022 8:33:00 AM	06/06/2022

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337389**

Sample ID: <b>MB-337389</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488136</b>							
Sample Type: <b>MBLK</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357472</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1'-Biphenyl	BRL	10									
2,4,5-Trichlorophenol	BRL	25									
2,4,6-Trichlorophenol	BRL	10									
2,4-Dichlorophenol	BRL	10									
2,4-Dimethylphenol	BRL	10									
2,4-Dinitrophenol	BRL	25									
2,4-Dinitrotoluene	BRL	10									
2,6-Dinitrotoluene	BRL	10									
2-Chloronaphthalene	BRL	10									
2-Chlorophenol	BRL	10									
2-Methylnaphthalene	BRL	10									
2-Methylphenol	BRL	10									
2-Nitroaniline	BRL	25									
2-Nitrophenol	BRL	10									
3,3'-Dichlorobenzidine	BRL	10									
3-Nitroaniline	BRL	25									
4,6-Dinitro-2-methylphenol	BRL	25									
4-Bromophenyl phenyl ether	BRL	10									
4-Chloro-3-methylphenol	BRL	10									
4-Chloroaniline	BRL	10									
4-Chlorophenyl phenyl ether	BRL	10									
4-Methylphenol	BRL	10									
4-Nitroaniline	BRL	25									
4-Nitrophenol	BRL	25									
Acenaphthene	BRL	10									
Acenaphthylene	BRL	10									
Acetophenone	BRL	10									

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337389**

Sample ID: <b>MB-337389</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488136</b>							
SampleType: <b>MBLK</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357472</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Anthracene	BRL	10									
Atrazine	BRL	10									
Benz(a)anthracene	BRL	10									
Benzaldehyde	BRL	10									
Benzo(a)pyrene	BRL	10									
Benzo(b)fluoranthene	BRL	10									
Benzo(g,h,i)perylene	BRL	10									
Benzo(k)fluoranthene	BRL	10									
Bis(2-chloroethoxy)methane	BRL	10									
Bis(2-chloroethyl)ether	BRL	10									
Bis(2-chloroisopropyl)ether	BRL	10									
Bis(2-ethylhexyl)phthalate	BRL	10									
Butyl benzyl phthalate	BRL	10									
Caprolactam	BRL	10									
Carbazole	BRL	10									
Chrysene	BRL	10									
Di-n-butyl phthalate	BRL	10									
Di-n-octyl phthalate	BRL	10									
Dibenz(a,h)anthracene	BRL	10									
Dibenzofuran	BRL	10									
Diethyl phthalate	BRL	10									
Dimethyl phthalate	BRL	10									
Fluoranthene	BRL	10									
Fluorene	BRL	10									
Hexachlorobenzene	BRL	10									
Hexachlorobutadiene	BRL	10									
Hexachlorocyclopentadiene	BRL	10									

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337389**

Sample ID: <b>MB-337389</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488136</b>							
SampleType: <b>MBLK</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357472</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Hexachloroethane	BRL	10									
Indeno(1,2,3-cd)pyrene	BRL	10									
Isophorone	BRL	10									
N-Nitrosodi-n-propylamine	BRL	10									
N-Nitrosodiphenylamine	BRL	10									
Naphthalene	BRL	10									
Nitrobenzene	BRL	10									
Pentachlorophenol	BRL	25									
Phenanthrene	BRL	10									
Phenol	BRL	10									
Pyrene	BRL	10									
Surr: 2,4,6-Tribromophenol	130.7	0	100.0		131	46	135				
Surr: 2-Fluorobiphenyl	48.65	0	50.00		97.3	45	121				
Surr: 2-Fluorophenol	68.80	0	100.0		68.8	28.2	120				
Surr: 4-Terphenyl-d14	54.36	0	50.00		109	44	120				
Surr: Nitrobenzene-d5	53.38	0	50.00		107	41	123				
Surr: Phenol-d5	79.73	0	100.0		79.7	19.5	120				

Sample ID: <b>LCS-337389</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488121</b>							
SampleType: <b>LCS</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357912</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4,5-Trichlorophenol	99.57	25	100.0		99.6	70	130				
2,4,6-Trichlorophenol	95.97	10	100.0		96.0	70	130				
2,4-Dichlorophenol	73.31	10	100.0		73.3	70	130				
2,4-Dimethylphenol	71.30	10	100.0		71.3	50	130				
2,4-Dinitrotoluene	98.75	10	100.0		98.8	70	130				
2,6-Dinitrotoluene	116.9	10	100.0		117	70	130				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337389**

Sample ID: <b>LCS-337389</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488121</b>							
SampleType: <b>LCS</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357912</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Chlorophenol	80.53	10	100.0		80.5	50	130				
2-Methylphenol	86.54	10	100.0		86.5	70	130				
3,3'-Dichlorobenzidine	73.70	10	100.0		73.7	20	130				
4-Bromophenyl phenyl ether	107.3	10	100.0		107	70	130				
4-Chloro-3-methylphenol	94.03	10	100.0		94.0	70	130				
4-Methylphenol	98.72	10	100.0		98.7	70	130				
Acenaphthene	155.8	10	150.0		104	70	130				
Acenaphthylene	123.4	10	100.0		123	70	130				
Anthracene	99.30	10	100.0		99.3	70	130				
Benz(a)anthracene	103.0	10	100.0		103	70	130				
Benzo(a)pyrene	61.82	10	50.00		124	70	130				
Benzo(b)fluoranthene	112.6	10	100.0		113	70	130				
Bis(2-chloroethoxy)methane	100.8	10	100.0		101	70	130				
Bis(2-chloroethyl)ether	97.99	10	100.0		98.0	70	130				
Bis(2-chloroisopropyl)ether	76.75	10	100.0		76.8	50	130				
Bis(2-ethylhexyl)phthalate	144.3	10	100.0		144	70	130				S
Chrysene	99.71	10	100.0		99.7	70	130				
Di-n-butyl phthalate	116.2	10	100.0		116	70	130				
Di-n-octyl phthalate	67.59	10	50.00		135	70	130				S
Dibenz(a,h)anthracene	106.6	10	100.0		107	70	130				
Diethyl phthalate	104.0	10	100.0		104	70	130				
Dimethyl phthalate	114.3	10	100.0		114	70	130				
Fluoranthene	52.59	10	50.00		105	70	130				
Fluorene	100.7	10	100.0		101	70	130				
Hexachlorobenzene	93.17	10	100.0		93.2	70	130				
Hexachlorobutadiene	127.8	10	150.0		85.2	40	130				
N-Nitrosodiphenylamine	157.5	10	150.0		105	40	130				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337389**

Sample ID: <b>LCS-337389</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488121</b>							
SampleType: <b>LCS</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357912</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Naphthalene	90.70	10	100.0		90.7	70	130				
Nitrobenzene	108.5	10	100.0		109	70	130				
Pyrene	104.3	10	100.0		104	70	130				
Surr: 2,4,6-Tribromophenol	100.6	0	100.0		101	46	135				
Surr: 2-Fluorobiphenyl	54.57	0	50.00		109	45	121				
Surr: 2-Fluorophenol	70.73	0	100.0		70.7	28.2	120				
Surr: 4-Terphenyl-d14	56.06	0	50.00		112	44	120				
Surr: Nitrobenzene-d5	53.63	0	50.00		107	41	123				
Surr: Phenol-d5	93.56	0	100.0		93.6	19.5	120				

Sample ID: <b>2206176-004BMS</b>	Client ID: <b>#04785-TR-4</b>	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488136</b>							
SampleType: <b>MS</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357481</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4,5-Trichlorophenol	114.3	25	100.0		114	46.2	120				
2,4,6-Trichlorophenol	111.8	10	100.0		112	47.2	120				
2,4-Dichlorophenol	78.13	10	100.0		78.1	40.4	120				
2,4-Dimethylphenol	85.41	10	100.0		85.4	40.1	120				
2,4-Dinitrotoluene	121.0	10	100.0		121	45.1	120				S
2,6-Dinitrotoluene	129.6	10	100.0		130	50.6	130				
2-Chlorophenol	78.40	10	100.0		78.4	41.7	120				
2-Methylphenol	88.24	10	100.0		88.2	47.9	120				
3,3'-Dichlorobenzidine	BRL	10	100.0		7.19	23	116				S
4-Bromophenyl phenyl ether	112.1	10	100.0		112	54.9	132				
4-Chloro-3-methylphenol	109.4	10	100.0		109	40	120				
4-Methylphenol	98.05	10	100.0		98.0	50	120				
Acenaphthene	150.0	10	150.0		100	44.4	118				
Acenaphthylene	111.7	10	100.0		112	61.7	123				

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337389**

Sample ID: <b>2206176-004BMS</b>	Client ID: <b>#04785-TR-4</b>	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488136</b>							
SampleType: <b>MS</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357481</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	93.15	10	100.0		93.2	56	117				
Benz(a)anthracene	102.7	10	100.0		103	58.2	122				
Benzo(a)pyrene	56.09	10	50.00		112	52.1	134				
Benzo(b)fluoranthene	106.6	10	100.0		107	50.6	130				
Bis(2-chloroethoxy)methane	94.62	10	100.0		94.6	50	120				
Bis(2-chloroethyl)ether	86.36	10	100.0		86.4	50.6	120				
Bis(2-chloroisopropyl)ether	50.73	10	100.0		50.7	48.6	119				
Bis(2-ethylhexyl)phthalate	134.5	10	100.0		135	60.4	131				S
Chrysene	93.72	10	100.0		93.7	52.7	121				
Di-n-butyl phthalate	116.0	10	100.0		116	52.3	129				
Di-n-octyl phthalate	66.50	10	50.00		133	63.8	129				S
Dibenz(a,h)anthracene	116.6	10	100.0		117	52.9	131				
Diethyl phthalate	116.2	10	100.0		116	50.1	123				
Dimethyl phthalate	120.6	10	100.0		121	59.2	121				
Fluoranthene	52.12	10	50.00		104	57.7	129				
Fluorene	98.27	10	100.0		98.3	51.1	118				
Hexachlorobenzene	99.89	10	100.0		99.9	52.9	129				
Hexachlorobutadiene	139.9	10	150.0		93.3	45	127				
N-Nitrosodiphenylamine	134.6	10	150.0		89.7	44.3	120				
Naphthalene	90.83	10	100.0		90.8	50.2	120				
Nitrobenzene	107.4	10	100.0		107	52	124				
Pyrene	102.1	10	100.0		102	50.4	118				
Surr: 2,4,6-Tribromophenol	140.9	0	100.0		141	46	135				S
Surr: 2-Fluorobiphenyl	50.11	0	50.00		100	45	121				
Surr: 2-Fluorophenol	72.49	0	100.0		72.5	28.2	120				
Surr: 4-Terphenyl-d14	53.70	0	50.00		107	44	120				
Surr: Nitrobenzene-d5	59.72	0	50.00		119	41	123				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337389**

Sample ID: <b>2206176-004BMS</b>	Client ID: <b>#04785-TR-4</b>	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488136</b>							
SampleType: <b>MS</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357481</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Phenol-d5                      87.04                      0                      100.0                      87.0                      19.5                      120

Sample ID: <b>2206176-004BMSD</b>	Client ID: <b>#04785-TR-4</b>	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>488136</b>							
SampleType: <b>MSD</b>	TestCode: <b>TCL-SEMIVOLATILE ORGANICS SW8270E</b>	BatchID: <b>337389</b>	Analysis Date: <b>06/09/2022</b>	Seq No: <b>11357492</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4,5-Trichlorophenol	110.9	25	100.0		111	46.2	120	114.3	3.01	23.7	
2,4,6-Trichlorophenol	109.1	10	100.0		109	47.2	120	111.8	2.44	24.8	
2,4-Dichlorophenol	79.53	10	100.0		79.5	40.4	120	78.13	1.78	30.4	
2,4-Dimethylphenol	83.29	10	100.0		83.3	40.1	120	85.41	2.51	21.4	
2,4-Dinitrotoluene	119.0	10	100.0		119	45.1	120	121.0	1.70	29.5	
2,6-Dinitrotoluene	124.5	10	100.0		124	50.6	130	129.6	4.05	21.2	
2-Chlorophenol	76.12	10	100.0		76.1	41.7	120	78.40	2.95	33.8	
2-Methylphenol	84.69	10	100.0		84.7	47.9	120	88.24	4.11	24.1	
3,3'-Dichlorobenzidine	BRL	10	100.0		6.22	23	116	7.190	0	26.3	S
4-Bromophenyl phenyl ether	106.9	10	100.0		107	54.9	132	112.1	4.72	20.2	
4-Chloro-3-methylphenol	113.1	10	100.0		113	40	120	109.4	3.32	35	
4-Methylphenol	96.87	10	100.0		96.9	50	120	98.05	1.21	33.2	
Acenaphthene	143.8	10	150.0		95.9	44.4	118	150.0	4.23	27.9	
Acenaphthylene	106.0	10	100.0		106	61.7	123	111.7	5.27	20.5	
Anthracene	90.46	10	100.0		90.5	56	117	93.15	2.93	20.8	
Benz(a)anthracene	102.2	10	100.0		102	58.2	122	102.7	0.508	19.5	
Benzo(a)pyrene	58.92	10	50.00		118	52.1	134	56.09	4.92	28.1	
Benzo(b)fluoranthene	107.5	10	100.0		108	50.6	130	106.6	0.897	25.4	
Bis(2-chloroethoxy)methane	89.19	10	100.0		89.2	50	120	94.62	5.91	21.5	
Bis(2-chloroethyl)ether	82.19	10	100.0		82.2	50.6	120	86.36	4.95	24.5	
Bis(2-chloroisopropyl)ether	61.58	10	100.0		61.6	48.6	119	50.73	19.3	30.3	
Bis(2-ethylhexyl)phthalate	137.2	10	100.0		137	60.4	131	134.5	1.95	18.9	S

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

Client: KLM Environmental, LLC  
 Project Name: Quick Pantry #19  
 Workorder: 2206176

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 337389

Sample ID: 2206176-004BMSD	Client ID: #04785-TR-4	Units: ug/L	Prep Date: 06/06/2022	Run No: 488136
SampleType: MSD	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 337389	Analysis Date: 06/09/2022	Seq No: 11357492

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chrysene	94.27	10	100.0		94.3	52.7	121	93.72	0.585	18.7	
Di-n-butyl phthalate	113.8	10	100.0		114	52.3	129	116.0	1.90	19.8	
Di-n-octyl phthalate	68.05	10	50.00		136	63.8	129	66.50	2.30	21	S
Dibenz(a,h)anthracene	117.6	10	100.0		118	52.9	131	116.6	0.811	23.1	
Diethyl phthalate	114.1	10	100.0		114	50.1	123	116.2	1.78	19.7	
Dimethyl phthalate	115.4	10	100.0		115	59.2	121	120.6	4.40	19.6	
Fluoranthene	51.29	10	50.00		103	57.7	129	52.12	1.61	19.4	
Fluorene	97.66	10	100.0		97.7	51.1	118	98.27	0.623	18.4	
Hexachlorobenzene	100.5	10	100.0		100	52.9	129	99.89	0.579	20.1	
Hexachlorobutadiene	139.0	10	150.0		92.7	45	127	139.9	0.660	26.1	
N-Nitrosodiphenylamine	136.1	10	150.0		90.7	44.3	120	134.6	1.14	43.9	
Naphthalene	87.68	10	100.0		87.7	50.2	120	90.83	3.53	21.6	
Nitrobenzene	105.2	10	100.0		105	52	124	107.4	2.07	23	
Pyrene	102.8	10	100.0		103	50.4	118	102.1	0.693	27.2	
Surr: 2,4,6-Tribromophenol	134.9	0	100.0		135	46	135	140.9	0	0	
Surr: 2-Fluorobiphenyl	48.16	0	50.00		96.3	45	121	50.11	0	0	
Surr: 2-Fluorophenol	60.02	0	100.0		60.0	28.2	120	72.49	0	0	
Surr: 4-Terphenyl-d14	54.01	0	50.00		108	44	120	53.70	0	0	
Surr: Nitrobenzene-d5	57.25	0	50.00		114	41	123	59.72	0	0	
Surr: Phenol-d5	85.36	0	100.0		85.4	19.5	120	87.04	0	0	

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337555**

Sample ID: <b>MB-337555</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>							
SampleType: <b>MBLK</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/06/2022</b>	Seq No: <b>11349983</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	1.0									
1,1,2,2-Tetrachloroethane	BRL	1.0									
1,1,2-Trichloroethane	BRL	1.0									
1,1-Dichloroethane	BRL	1.0									
1,1-Dichloroethene	BRL	2.0									
1,2,4-Trichlorobenzene	BRL	1.0									
1,2-Dibromo-3-chloropropane	BRL	1.0									
1,2-Dibromoethane	BRL	1.0									
1,2-Dichlorobenzene	BRL	1.0									
1,2-Dichloroethane	BRL	1.0									
1,2-Dichloropropane	BRL	1.0									
1,3-Dichlorobenzene	BRL	1.0									
1,4-Dichlorobenzene	BRL	1.0									
2-Butanone	BRL	10									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	20									
Benzene	BRL	1.0									
Bromodichloromethane	BRL	1.0									
Bromoform	BRL	1.0									
Bromomethane	BRL	1.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	2.0									
Chlorobenzene	BRL	1.0									
Chloroethane	BRL	1.0									
Chloroform	BRL	1.0									
Chloromethane	BRL	1.0									

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337555**

Sample ID: <b>MB-337555</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>							
SampleType: <b>MBLK</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/06/2022</b>	Seq No: <b>11349983</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

cis-1,2-Dichloroethene	BRL	1.0									
cis-1,3-Dichloropropene	BRL	1.0									
Cyclohexane	BRL	2.0									
Dibromochloromethane	BRL	1.0									
Dichlorodifluoromethane	BRL	1.0									
Ethylbenzene	BRL	1.0									
Freon-113	BRL	5.0									
Isopropylbenzene	BRL	1.0									
m,p-Xylene	BRL	1.0									
Methyl acetate	BRL	2.0									
Methyl tert-butyl ether	BRL	1.0									
Methylcyclohexane	BRL	2.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	1.0									
Styrene	BRL	1.0									
Tetrachloroethene	BRL	1.0									
Toluene	BRL	1.0									
trans-1,2-Dichloroethene	BRL	2.0									
trans-1,3-Dichloropropene	BRL	2.0									
Trichloroethene	BRL	1.0									
Trichlorofluoromethane	BRL	1.0									
Vinyl chloride	BRL	1.0									
Surr: 4-Bromofluorobenzene	49.30	0	50.00		98.6	70	130				
Surr: Dibromofluoromethane	48.39	0	50.00		96.8	70	130				
Surr: Toluene-d8	50.51	0	50.00		101	70	130				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337555**

Sample ID: <b>LCS-337555</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>							
SampleType: <b>LCS</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/06/2022</b>	Seq No: <b>11350563</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	42.50	1.0	50.00		85.0	70	130				
1,1,2,2-Tetrachloroethane	42.74	1.0	50.00		85.5	70	130				
1,1,2-Trichloroethane	42.26	1.0	50.00		84.5	70	130				
1,1-Dichloroethane	40.89	1.0	50.00		81.8	70	130				
1,1-Dichloroethene	45.35	2.0	50.00		90.7	60	140				
1,2,4-Trichlorobenzene	46.25	1.0	50.00		92.5	70	130				
1,2-Dibromo-3-chloropropane	37.24	1.0	50.00		74.5	70	130				
1,2-Dibromoethane	45.59	1.0	50.00		91.2	70	130				
1,2-Dichlorobenzene	46.89	1.0	50.00		93.8	70	130				
1,2-Dichloroethane	38.21	1.0	50.00		76.4	70	130				
1,2-Dichloropropane	40.79	1.0	50.00		81.6	70	130				
1,3-Dichlorobenzene	46.52	1.0	50.00		93.0	70	130				
1,4-Dichlorobenzene	45.72	1.0	50.00		91.4	70	130				
Benzene	42.06	1.0	50.00		84.1	70	130				
Bromodichloromethane	40.32	1.0	50.00		80.6	70	130				
Bromoform	60.67	1.0	50.00		121	70	130				
Carbon tetrachloride	47.77	2.0	50.00		95.5	70	130				
Chlorobenzene	44.08	1.0	50.00		88.2	70	130				
Chloroform	39.72	1.0	50.00		79.4	70	130				
cis-1,2-Dichloroethene	42.83	1.0	50.00		85.7	70	130				
cis-1,3-Dichloropropene	44.00	1.0	50.00		88.0	70	130				
Dibromochloromethane	49.12	1.0	50.00		98.2	70	130				
Ethylbenzene	44.52	1.0	50.00		89.0	70	130				
Isopropylbenzene	45.11	1.0	50.00		90.2	70	130				
m,p-Xylene	89.38	1.0	100.0		89.4	70	130				
Methylene chloride	42.82	5.0	50.00		85.6	70	130				
o-Xylene	44.23	1.0	50.00		88.5	70	130				

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337555**

Sample ID: <b>LCS-337555</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>							
SampleType: <b>LCS</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/06/2022</b>	Seq No: <b>11350563</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Styrene	44.95	1.0	50.00		89.9	70	130				
Tetrachloroethene	48.64	1.0	50.00		97.3	70	130				
Toluene	42.12	1.0	50.00		84.2	70	130				
trans-1,2-Dichloroethene	43.81	2.0	50.00		87.6	70	130				
trans-1,3-Dichloropropene	44.18	2.0	50.00		88.4	70	130				
Trichloroethene	43.52	1.0	50.00		87.0	70	130				
Vinyl chloride	57.44	1.0	50.00		115	70	130				
Surr: 4-Bromofluorobenzene	49.22	0	50.00		98.4	70	130				
Surr: Dibromofluoromethane	48.77	0	50.00		97.5	70	130				
Surr: Toluene-d8	49.46	0	50.00		98.9	70	130				

Sample ID: <b>2206430-001AMS</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>							
SampleType: <b>MS</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/07/2022</b>	Seq No: <b>11354117</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	18.59	1.0	20.00		93.0	71	140				
1,1,2,2-Tetrachloroethane	19.05	1.0	20.00		95.2	68.4	135				
1,1,2-Trichloroethane	17.59	1.0	20.00		88.0	72.8	134				
1,1-Dichloroethane	18.36	1.0	20.00		91.8	68	137				
1,1-Dichloroethene	22.25	2.0	20.00		111	67.6	143				
1,2,4-Trichlorobenzene	14.93	1.0	20.00		74.6	60	138				
1,2-Dibromo-3-chloropropane	14.48	1.0	20.00		72.4	56.5	134				
1,2-Dibromoethane	18.56	1.0	20.00		92.8	74.7	132				
1,2-Dichlorobenzene	18.25	1.0	20.00		91.2	73.2	134				
1,2-Dichloroethane	15.18	1.0	20.00		75.9	72.1	135				
1,2-Dichloropropane	17.89	1.0	20.00		89.4	72	135				
1,3-Dichlorobenzene	18.92	1.0	20.00		94.6	73	134				
1,4-Dichlorobenzene	18.32	1.0	20.00		91.6	73	133				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337555**

Sample ID: <b>2206430-001AMS</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>							
SampleType: <b>MS</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/07/2022</b>	Seq No: <b>11354117</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	18.87	1.0	20.00		94.4	70.5	136				
Bromodichloromethane	15.93	1.0	20.00		79.6	71.8	135				
Bromoform	20.03	1.0	20.00		100	57.2	136				
Carbon tetrachloride	19.25	2.0	20.00		96.2	72.4	144				
Chlorobenzene	18.47	1.0	20.00		92.4	77.1	133				
Chloroform	17.81	1.0	20.00		89.0	71.7	134				
cis-1,2-Dichloroethene	18.51	1.0	20.00		92.6	71.4	136				
cis-1,3-Dichloropropene	16.18	1.0	20.00		80.9	68.3	131				
Dibromochloromethane	17.80	1.0	20.00		89.0	67.5	136				
Ethylbenzene	19.04	1.0	20.00		95.2	70	134				
Isopropylbenzene	19.99	1.0	20.00		100.0	72.3	136				
m,p-Xylene	36.97	1.0	40.00		92.4	66.3	138				
Methylene chloride	17.98	5.0	20.00		89.9	65.4	132				
o-Xylene	18.34	1.0	20.00		91.7	67.1	136				
Styrene	17.92	1.0	20.00		89.6	77.3	134				
Tetrachloroethene	20.08	1.0	20.00		100	72.9	141				
Toluene	18.13	1.0	20.00		90.6	66.4	140				
trans-1,2-Dichloroethene	19.37	2.0	20.00		96.8	69.7	138				
trans-1,3-Dichloropropene	15.16	2.0	20.00		75.8	65.2	130				
Trichloroethene	18.34	1.0	20.00		91.7	75.1	140				
Vinyl chloride	27.27	1.0	20.00		136	60.7	145				
Surr: 4-Bromofluorobenzene	49.54	0	50.00		99.1	70	130				
Surr: Dibromofluoromethane	49.56	0	50.00		99.1	70	130				
Surr: Toluene-d8	51.05	0	50.00		102	70	130				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337555**

Sample ID: <b>2206430-001AMSD</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>
SampleType: <b>MSD</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/07/2022</b>	Seq No: <b>11354118</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	18.79	1.0	20.00		94.0	71	140	18.59	1.07	20	
1,1,2,2-Tetrachloroethane	19.57	1.0	20.00		97.8	68.4	135	19.05	2.69	20	
1,1,2-Trichloroethane	17.41	1.0	20.00		87.0	72.8	134	17.59	1.03	20	
1,1-Dichloroethane	18.63	1.0	20.00		93.2	68	137	18.36	1.46	20	
1,1-Dichloroethene	22.67	2.0	20.00		113	67.6	143	22.25	1.87	19.6	
1,2,4-Trichlorobenzene	12.88	1.0	20.00		64.4	60	138	14.93	14.7	21.7	
1,2-Dibromo-3-chloropropane	15.10	1.0	20.00		75.5	56.5	134	14.48	4.19	20	
1,2-Dibromoethane	18.45	1.0	20.00		92.2	74.7	132	18.56	0.594	20	
1,2-Dichlorobenzene	17.65	1.0	20.00		88.2	73.2	134	18.25	3.34	20	
1,2-Dichloroethane	15.90	1.0	20.00		79.5	72.1	135	15.18	4.63	20	
1,2-Dichloropropane	17.54	1.0	20.00		87.7	72	135	17.89	1.98	20	
1,3-Dichlorobenzene	18.20	1.0	20.00		91.0	73	134	18.92	3.88	20	
1,4-Dichlorobenzene	17.35	1.0	20.00		86.8	73	133	18.32	5.44	20	
Benzene	18.55	1.0	20.00		92.8	70.5	136	18.87	1.71	20	
Bromodichloromethane	15.94	1.0	20.00		79.7	71.8	135	15.93	0.063	20	
Bromoform	19.33	1.0	20.00		96.6	57.2	136	20.03	3.56	20	
Carbon tetrachloride	19.74	2.0	20.00		98.7	72.4	144	19.25	2.51	20	
Chlorobenzene	17.92	1.0	20.00		89.6	77.1	133	18.47	3.02	20	
Chloroform	17.99	1.0	20.00		90.0	71.7	134	17.81	1.01	20	
cis-1,2-Dichloroethene	18.89	1.0	20.00		94.4	71.4	136	18.51	2.03	20	
cis-1,3-Dichloropropene	15.53	1.0	20.00		77.6	68.3	131	16.18	4.10	20	
Dibromochloromethane	17.65	1.0	20.00		88.2	67.5	136	17.80	0.846	20	
Ethylbenzene	18.29	1.0	20.00		91.4	70	134	19.04	4.02	20	
Isopropylbenzene	19.20	1.0	20.00		96.0	72.3	136	19.99	4.03	20	
m,p-Xylene	36.00	1.0	40.00		90.0	66.3	138	36.97	2.66	20	
Methylene chloride	18.46	5.0	20.00		92.3	65.4	132	17.98	2.63	20	
o-Xylene	18.10	1.0	20.00		90.5	67.1	136	18.34	1.32	20	

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry #19  
**Workorder:** 2206176

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 337555**

Sample ID: <b>2206430-001AMSD</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>06/06/2022</b>	Run No: <b>487743</b>							
SampleType: <b>MSD</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>337555</b>	Analysis Date: <b>06/07/2022</b>	Seq No: <b>11354118</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Styrene	17.37	1.0	20.00		86.8	77.3	134	17.92	3.12	20	
Tetrachloroethene	19.46	1.0	20.00		97.3	72.9	141	20.08	3.14	20	
Toluene	17.28	1.0	20.00		86.4	66.4	140	18.13	4.80	20	
trans-1,2-Dichloroethene	19.34	2.0	20.00		96.7	69.7	138	19.37	0.155	20	
trans-1,3-Dichloropropene	14.93	2.0	20.00		74.6	65.2	130	15.16	1.53	20	
Trichloroethene	18.22	1.0	20.00		91.1	75.1	140	18.34	0.656	20	
Vinyl chloride	28.71	1.0	20.00		144	60.7	145	27.27	5.14	21.1	
Surr: 4-Bromofluorobenzene	49.41	0	50.00		98.8	70	130	49.54	0	0	
Surr: Dibromofluoromethane	50.44	0	50.00		101	70	130	49.56	0	0	
Surr: Toluene-d8	49.78	0	50.00		99.6	70	130	51.05	0	0	

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

End of Report



# ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 06, 2022

Mark Keller  
KLM Environmental, LLC

118 Springhall Dr Ste E  
Goose Creek SC 29445

RE: Quick Pantry # 19

Dear Mark Keller:

Order No: 2208S19

Analytical Environmental Services, Inc. received 34 samples on August 25, 2022 9:41 am for the analyses presented in following report.

“No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES' certifications are as follows:

-South Carolina Certification number 98016003 for Clean Water Act and for Solid and Hazardous Waste, effective until 6/30/23.

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



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


Sincerely,

Eben Buchanan  
Project Manager



**CHAIN OF CUSTODY**

COMPANY: <b>KLM Environmental LLC</b>		ADDRESS: <b>PO box 2704 Goose Creek, SC 29445</b>				ANALYSIS REQUESTED							Visit our website <a href="http://www.aesatlanta.com">www.aesatlanta.com</a> for downloadable COCs and to log in to your AESAccess account.	Number of Containers
PHONE:		EMAIL: <b>mKeller131@comcast.net</b>				SIGNATURE: 								
SAMPLED BY: <b>Graham Robinson</b>		SIGNATURE: 				PRESERVATION (see codes)								
#	SAMPLE ID	SAMPLED:		GRAB	COMPOSITE	MATRIX (see codes)	PRESERVATION (see codes)			REMARKS				
		DATE	TIME				H+	I	H+					
1	#04785 ——— MW-5	8-24-22	945	X		GW	X	X	X					
2	MW-6	8-24-22	930											
3	MW-7	8-24-22	915											
4	MW-10	8-23-22	1635											
5	MW-11	8-23-22	1605											
6	MW-15	8-23-22	1145											
7	MW-16	8-23-22	1200											
8	MW-17	8-23-22	1435											
9	MW-18	8-23-22	1505											
10	MW-19	8-23-22	1520											
11	MW-20	8-23-22	1405											
12	MW-21	8-23-22	1130											
13	MW-22	8-23-22	1300											
14	* MW-23	8-23-22	1330	X		X	X	X						

RELINQUISHED BY: 		DATE/TIME: <b>8-24-22 / 1700</b>	RECEIVED BY: <b>Andrew Steyer</b>	DATE/TIME: <b>8/25/22 941</b>	PROJECT INFORMATION			RECEIPT		
1.			2.		PROJECT NAME: <b>Quick Pantry # 19</b>	Total # of Containers				
2.			3.		PROJECT #:	Turnaround Time (TAT) Request in Business Days				
3.					SITE ADDRESS:	<input type="checkbox"/> Standard <input type="checkbox"/> 4-Day Rush* <input type="checkbox"/> 3-Day Rush* <input type="checkbox"/> 2-Day Rush* <input type="checkbox"/> Next Day Rush* <input type="checkbox"/> Other _____ <input type="checkbox"/> Same-Day Rush* (auth req.)				
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD			SEND REPORT TO: <b>Mark Keller</b>		REGULATORY PROGRAM (if any):			
		OUT: / /    VIA:			INVOICE TO (IF DIFFERENT FROM ABOVE):		*Surcharges apply for Rush TAT			
		IN: / /    VIA:			QUOTE #:		REGULATORY PROGRAM (if any):			
		Client <input checked="" type="checkbox"/> FedEx    UPS    US mail    courier			PO#:		DATA PACKAGE: <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/> O			
		other: _____								

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.







**CHAIN OF CUSTODY**

COMPANY: <u>KLM Environmental LLC</u>		ADDRESS: <u>PO Box 2704 Grope Creek, SC 29445</u>			ANALYSIS REQUESTED								Visit our website <a href="http://www.aesatlanta.com">www.aesatlanta.com</a> for downloadable COCs and to log in to your AESAccess account.	Number of Containers
PHONE:		EMAIL: <u>m.keller131@comcast.net</u>			#1: #1: #1: #2: #2: #2: #3: #3: #3: #4: #4: #4: #5: #5: #5: #6: #6: #6: #7: #7: #7: #8: #8: #8: #9: #9: #9: #10: #10: #10: #11: #11: #11: #12: #12: #12: #13: #13: #13: #14: #14: #14:									
SAMPLED BY: <u>Graham Robinson</u>		SIGNATURE: <u>[Signature]</u>												
#	SAMPLE ID	SAMPLED:		GRAB	COMPOSITE	MATRIX (see codes)	PRESERVATION (see codes)			REMARKS				
		DATE	TIME				#:	#:	#:					
1	<u>#04785</u> — <u>Dup-2</u>	<u>8-24-22</u>	<u>950</u>	<u>X</u>		<u>GW</u>	<u>X</u>	<u>X</u>	<u>X</u>					
2	<u>Equipment Blank-1</u>	<u>8-23-22</u>	<u>1820</u>	<u>X</u>		<u>W</u>	<u>X</u>	<u>X</u>	<u>X</u>					
3	<u>Field Blank-1</u>	<u>8-23-22</u>	<u>1825</u>	<u>X</u>		<u>W</u>	<u>X</u>	<u>X</u>	<u>X</u>					
4	<u>Field Blank-2</u>	<u>8-24-22</u>	<u>1200</u>	<u>X</u>		<u>W</u>	<u>X</u>	<u>X</u>	<u>X</u>					
5	<u>Trip Blank</u>					<u>W</u>	<u>X</u>	<u>X</u>						
6	<u>Trip Blank</u>					<u>W</u>	<u>X</u>	<u>X</u>						
7														
8														
9														
10														
11														
12														
13														
14														

RELINQUISHED BY: <u>[Signature]</u> DATE/TIME: <u>8-24-22/1700</u>		RECEIVED BY: <u>[Signature]</u> DATE/TIME: <u>8/25/22 941</u>		PROJECT INFORMATION				RECEIPT	
1.		2.		PROJECT NAME: <u>Quick Pantry # 19</u>				Total # of Containers	
3.		3.		PROJECT #: _____				Turnaround Time (TAT) Request <input type="checkbox"/> Standard <input type="checkbox"/> 2 Business Day Rush <input type="checkbox"/> Next Business Day Rush <input type="checkbox"/> Same-Day Rush (auth req.) <input type="checkbox"/> Other _____	
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD		SITE ADDRESS: _____					
		OUT: / / VIA: IN: / / VIA: Client <u>fedEx</u> UPS US mail courier other: _____		SEND REPORT TO: <u>Mark Keller</u>				REGULATORY PROGRAM (if any):	
				INVOICE TO (IF DIFFERENT FROM ABOVE): _____				DATA PACKAGE: <input type="radio"/> I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/> O	
				QUOTE #: _____ PO#: _____					



**Client:** KLM Environmental, LLC  
**Project:** Quick Pantry # 19  
**Lab ID:** 2208S19

**Case Narrative**

Volatiles Organic Compounds Analysis by Method 8260D

Due to sample matrix, samples 2208S19-001A, -009A, & -017A required dilution during preparation and/or analysis resulting in elevated reporting limits.

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-5
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/24/2022 9:45:00 AM
<b>Lab ID:</b> 2208S19-001	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	2600	100		ug/L	342171	100	08/27/2022 02:16	OM
Toluene	3500	100		ug/L	342171	100	08/27/2022 02:16	OM
Ethylbenzene	350	100		ug/L	342171	100	08/27/2022 02:16	OM
Xylenes, Total	9700	100		ug/L	342171	100	08/27/2022 02:16	OM
Methyl tert-butyl ether	BRL	100		ug/L	342171	100	08/27/2022 02:16	OM
Naphthalene	BRL	500		ug/L	342171	100	08/27/2022 02:16	OM
1,2-Dichloroethane	BRL	100		ug/L	342171	100	08/27/2022 02:16	OM
Ethyl tert-butyl ether	BRL	1000		ug/L	342171	100	08/27/2022 02:16	OM
tert-Amyl methyl ether	BRL	1000		ug/L	342171	100	08/27/2022 02:16	OM
Isopropyl ether	BRL	1000		ug/L	342171	100	08/27/2022 02:16	OM
tert-Butyl Alcohol	BRL	10000		ug/L	342171	100	08/27/2022 02:16	OM
tert-Amyl alcohol	BRL	10000		ug/L	342171	100	08/27/2022 02:16	OM
tert-Butyl formate	BRL	10000		ug/L	342171	100	08/27/2022 02:16	OM
Ethanol	BRL	10000		ug/L	342171	100	08/27/2022 02:16	OM
3,3-Dimethyl-1-butanol	BRL	10000		ug/L	342171	100	08/27/2022 02:16	OM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	342171	100	08/27/2022 02:16	OM
Surr: Dibromofluoromethane	107	82.5-121		%REC	342171	100	08/27/2022 02:16	OM
Surr: Toluene-d8	108	78.3-118		%REC	342171	100	08/27/2022 02:16	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 11:23	TB
Surr: 4-Bromofluorobenzene	91.7	69.7-138		%REC	342223	1	08/31/2022 11:23	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-6
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/24/2022 9:30:00 AM
<b>Lab ID:</b> 2208S19-002	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342171	1	08/26/2022 14:44	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 14:44	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 14:44	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 14:44	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 14:44	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 14:44	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 14:44	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 14:44	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 14:44	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 14:44	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 14:44	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 14:44	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 14:44	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 14:44	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 14:44	OM
Surr: 4-Bromofluorobenzene	99.7	75-118		%REC	342171	1	08/26/2022 14:44	OM
Surr: Dibromofluoromethane	105	82.5-121		%REC	342171	1	08/26/2022 14:44	OM
Surr: Toluene-d8	102	78.3-118		%REC	342171	1	08/26/2022 14:44	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 11:40	TB
Surr: 4-Bromofluorobenzene	113	69.7-138		%REC	342223	1	08/31/2022 11:40	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-7
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/24/2022 9:15:00 AM
<b>Lab ID:</b> 2208S19-003	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	1200	50		ug/L	342172	50	08/27/2022 06:20	OM
Toluene	2200	50		ug/L	342172	50	08/27/2022 06:20	OM
Ethylbenzene	210	50		ug/L	342172	50	08/27/2022 06:20	OM
Xylenes, Total	2800	50		ug/L	342172	50	08/27/2022 06:20	OM
Methyl tert-butyl ether	32	1.0		ug/L	342172	1	08/29/2022 14:20	CM
Naphthalene	110	5.0		ug/L	342172	1	08/29/2022 14:20	CM
1,2-Dichloroethane	BRL	1.0		ug/L	342172	1	08/29/2022 14:20	CM
Ethyl tert-butyl ether	BRL	10		ug/L	342172	1	08/29/2022 14:20	CM
tert-Amyl methyl ether	14	10		ug/L	342172	1	08/29/2022 14:20	CM
Isopropyl ether	180	10		ug/L	342172	1	08/29/2022 14:20	CM
tert-Butyl Alcohol	BRL	100		ug/L	342172	1	08/29/2022 14:20	CM
tert-Amyl alcohol	390	100		ug/L	342172	1	08/29/2022 14:20	CM
tert-Butyl formate	BRL	100		ug/L	342172	1	08/29/2022 14:20	CM
Ethanol	BRL	100		ug/L	342172	1	08/29/2022 14:20	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342172	1	08/29/2022 14:20	CM
Surr: 4-Bromofluorobenzene	99.4	75-118		%REC	342172	50	08/27/2022 06:20	OM
Surr: 4-Bromofluorobenzene	100	75-118		%REC	342172	1	08/29/2022 14:20	CM
Surr: Dibromofluoromethane	106	82.5-121		%REC	342172	50	08/27/2022 06:20	OM
Surr: Dibromofluoromethane	90.1	82.5-121		%REC	342172	1	08/29/2022 14:20	CM
Surr: Toluene-d8	107	78.3-118		%REC	342172	50	08/27/2022 06:20	OM
Surr: Toluene-d8	107	78.3-118		%REC	342172	1	08/29/2022 14:20	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 11:57	TB
Surr: 4-Bromofluorobenzene	112	69.7-138		%REC	342223	1	08/31/2022 11:57	TB

**Qualifiers:**

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- BRL Below reporting limit
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- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-10
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 4:35:00 PM
<b>Lab ID:</b> 2208S19-004	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342171	1	08/26/2022 15:07	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 15:07	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 15:07	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 15:07	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 15:07	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 15:07	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 15:07	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 15:07	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 15:07	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 15:07	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 15:07	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 15:07	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 15:07	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 15:07	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 15:07	OM
Surr: 4-Bromofluorobenzene	99.6	75-118		%REC	342171	1	08/26/2022 15:07	OM
Surr: Dibromofluoromethane	106	82.5-121		%REC	342171	1	08/26/2022 15:07	OM
Surr: Toluene-d8	103	78.3-118		%REC	342171	1	08/26/2022 15:07	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 12:14	TB
Surr: 4-Bromofluorobenzene	111	69.7-138		%REC	342223	1	08/31/2022 12:14	TB

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
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- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-11
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 4:05:00 PM
<b>Lab ID:</b> 2208S19-005	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342171	1	08/26/2022 15:29	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 15:29	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 15:29	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 15:29	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 15:29	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 15:29	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 15:29	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 15:29	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 15:29	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 15:29	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 15:29	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 15:29	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 15:29	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 15:29	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 15:29	OM
Surr: 4-Bromofluorobenzene	99.9	75-118		%REC	342171	1	08/26/2022 15:29	OM
Surr: Dibromofluoromethane	104	82.5-121		%REC	342171	1	08/26/2022 15:29	OM
Surr: Toluene-d8	104	78.3-118		%REC	342171	1	08/26/2022 15:29	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 12:32	TB
Surr: 4-Bromofluorobenzene	109	69.7-138		%REC	342223	1	08/31/2022 12:32	TB

**Qualifiers:**

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- BRL Below reporting limit
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- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-15
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 11:45:00 AM
<b>Lab ID:</b> 2208S19-006	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342171	1	08/26/2022 15:51	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 15:51	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 15:51	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 15:51	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 15:51	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 15:51	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 15:51	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 15:51	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 15:51	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 15:51	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 15:51	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 15:51	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 15:51	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 15:51	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 15:51	OM
Surr: 4-Bromofluorobenzene	98	75-118		%REC	342171	1	08/26/2022 15:51	OM
Surr: Dibromofluoromethane	106	82.5-121		%REC	342171	1	08/26/2022 15:51	OM
Surr: Toluene-d8	103	78.3-118		%REC	342171	1	08/26/2022 15:51	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 13:06	TB
Surr: 4-Bromofluorobenzene	114	69.7-138		%REC	342223	1	08/31/2022 13:06	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-16
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 12:00:00 PM
<b>Lab ID:</b> 2208S19-007	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342171	1	08/26/2022 16:14	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 16:14	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 16:14	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 16:14	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 16:14	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 16:14	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 16:14	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 16:14	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 16:14	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 16:14	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 16:14	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 16:14	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 16:14	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 16:14	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 16:14	OM
Surr: 4-Bromofluorobenzene	99.7	75-118		%REC	342171	1	08/26/2022 16:14	OM
Surr: Dibromofluoromethane	103	82.5-121		%REC	342171	1	08/26/2022 16:14	OM
Surr: Toluene-d8	105	78.3-118		%REC	342171	1	08/26/2022 16:14	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 13:23	TB
Surr: 4-Bromofluorobenzene	109	69.7-138		%REC	342223	1	08/31/2022 13:23	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-17
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 2:35:00 PM
<b>Lab ID:</b> 2208S19-008	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	9.4	1.0		ug/L	342171	1	08/26/2022 16:36	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 16:36	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 16:36	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 16:36	OM
Methyl tert-butyl ether	120	1.0		ug/L	342171	1	08/26/2022 16:36	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 16:36	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 16:36	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 16:36	OM
tert-Amyl methyl ether	58	10		ug/L	342171	1	08/26/2022 16:36	OM
Isopropyl ether	550	10		ug/L	342171	1	08/26/2022 16:36	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 16:36	OM
tert-Amyl alcohol	1200	100		ug/L	342171	1	08/26/2022 16:36	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 16:36	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 16:36	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 16:36	OM
Surr: 4-Bromofluorobenzene	98.9	75-118		%REC	342171	1	08/26/2022 16:36	OM
Surr: Dibromofluoromethane	101	82.5-121		%REC	342171	1	08/26/2022 16:36	OM
Surr: Toluene-d8	106	78.3-118		%REC	342171	1	08/26/2022 16:36	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 13:40	TB
Surr: 4-Bromofluorobenzene	141	69.7-138	S	%REC	342223	1	08/31/2022 13:40	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-18
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 3:05:00 PM
<b>Lab ID:</b> 2208S19-009	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	9300	100		ug/L	342172	100	08/27/2022 01:32	OM
Toluene	19000	100		ug/L	342172	100	08/27/2022 01:32	OM
Ethylbenzene	3100	100		ug/L	342172	100	08/27/2022 01:32	OM
Xylenes, Total	21000	100		ug/L	342172	100	08/27/2022 01:32	OM
Methyl tert-butyl ether	840	100		ug/L	342172	100	08/27/2022 01:32	OM
Naphthalene	1400	500		ug/L	342172	100	08/27/2022 01:32	OM
1,2-Dichloroethane	BRL	100		ug/L	342172	100	08/27/2022 01:32	OM
Ethyl tert-butyl ether	BRL	1000		ug/L	342172	100	08/27/2022 01:32	OM
tert-Amyl methyl ether	BRL	1000		ug/L	342172	100	08/27/2022 01:32	OM
Isopropyl ether	4900	1000		ug/L	342172	100	08/27/2022 01:32	OM
tert-Butyl Alcohol	BRL	10000		ug/L	342172	100	08/27/2022 01:32	OM
tert-Amyl alcohol	BRL	10000		ug/L	342172	100	08/27/2022 01:32	OM
tert-Butyl formate	BRL	10000		ug/L	342172	100	08/27/2022 01:32	OM
Ethanol	BRL	10000		ug/L	342172	100	08/27/2022 01:32	OM
3,3-Dimethyl-1-butanol	BRL	10000		ug/L	342172	100	08/27/2022 01:32	OM
Surr: 4-Bromofluorobenzene	104	75-118		%REC	342172	100	08/27/2022 01:32	OM
Surr: Dibromofluoromethane	104	82.5-121		%REC	342172	100	08/27/2022 01:32	OM
Surr: Toluene-d8	106	78.3-118		%REC	342172	100	08/27/2022 01:32	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 13:57	TB
Surr: 4-Bromofluorobenzene	104	69.7-138		%REC	342223	1	08/31/2022 13:57	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-19
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 3:20:00 PM
<b>Lab ID:</b> 2208S19-010	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342171	1	08/26/2022 16:59	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 16:59	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 16:59	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 16:59	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 16:59	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 16:59	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 16:59	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 16:59	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 16:59	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 16:59	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 16:59	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 16:59	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 16:59	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 16:59	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 16:59	OM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	342171	1	08/26/2022 16:59	OM
Surr: Dibromofluoromethane	106	82.5-121		%REC	342171	1	08/26/2022 16:59	OM
Surr: Toluene-d8	105	78.3-118		%REC	342171	1	08/26/2022 16:59	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 14:14	TB
Surr: 4-Bromofluorobenzene	110	69.7-138		%REC	342223	1	08/31/2022 14:14	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-20
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 2:05:00 PM
<b>Lab ID:</b> 2208S19-011	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	2700	100		ug/L	342171	100	09/01/2022 11:04	CM
Toluene	4.2	1.0		ug/L	342171	1	08/26/2022 17:21	OM
Ethylbenzene	6.6	1.0		ug/L	342171	1	08/26/2022 17:21	OM
Xylenes, Total	34	1.0		ug/L	342171	1	08/26/2022 17:21	OM
Methyl tert-butyl ether	590	10		ug/L	342171	10	08/29/2022 13:05	CM
Naphthalene	95	5.0		ug/L	342171	1	08/26/2022 17:21	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 17:21	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 17:21	OM
tert-Amyl methyl ether	87	10		ug/L	342171	1	08/26/2022 17:21	OM
Isopropyl ether	670	10		ug/L	342171	1	08/26/2022 17:21	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 17:21	OM
tert-Amyl alcohol	380	100		ug/L	342171	1	08/26/2022 17:21	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 17:21	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 17:21	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 17:21	OM
Surr: 4-Bromofluorobenzene	98.5	75-118		%REC	342171	100	09/01/2022 11:04	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	342171	10	08/29/2022 13:05	CM
Surr: 4-Bromofluorobenzene	103	75-118		%REC	342171	1	08/26/2022 17:21	OM
Surr: Dibromofluoromethane	90.2	82.5-121		%REC	342171	1	08/26/2022 17:21	OM
Surr: Dibromofluoromethane	95.9	82.5-121		%REC	342171	100	09/01/2022 11:04	CM
Surr: Dibromofluoromethane	97	82.5-121		%REC	342171	10	08/29/2022 13:05	CM
Surr: Toluene-d8	102	78.3-118		%REC	342171	1	08/26/2022 17:21	OM
Surr: Toluene-d8	103	78.3-118		%REC	342171	100	09/01/2022 11:04	CM
Surr: Toluene-d8	104	78.3-118		%REC	342171	10	08/29/2022 13:05	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 14:49	TB
Surr: 4-Bromofluorobenzene	92.2	69.7-138		%REC	342223	1	08/31/2022 14:49	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-21
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 11:30:00 AM
<b>Lab ID:</b> 2208S19-012	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342171	1	08/26/2022 17:44	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 17:44	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 17:44	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 17:44	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 17:44	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 17:44	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 17:44	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 17:44	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 17:44	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 17:44	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 17:44	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 17:44	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 17:44	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 17:44	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 17:44	OM
Surr: 4-Bromofluorobenzene	100	75-118		%REC	342171	1	08/26/2022 17:44	OM
Surr: Dibromofluoromethane	106	82.5-121		%REC	342171	1	08/26/2022 17:44	OM
Surr: Toluene-d8	101	78.3-118		%REC	342171	1	08/26/2022 17:44	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 15:06	TB
Surr: 4-Bromofluorobenzene	110	69.7-138		%REC	342223	1	08/31/2022 15:06	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-22
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 1:00:00 PM
<b>Lab ID:</b> 2208S19-013	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342171	1	08/26/2022 18:06	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 18:06	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 18:06	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 18:06	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 18:06	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 18:06	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 18:06	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 18:06	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 18:06	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 18:06	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 18:06	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 18:06	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 18:06	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 18:06	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 18:06	OM
Surr: 4-Bromofluorobenzene	99	75-118		%REC	342171	1	08/26/2022 18:06	OM
Surr: Dibromofluoromethane	105	82.5-121		%REC	342171	1	08/26/2022 18:06	OM
Surr: Toluene-d8	102	78.3-118		%REC	342171	1	08/26/2022 18:06	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 15:23	TB
Surr: 4-Bromofluorobenzene	110	69.7-138		%REC	342223	1	08/31/2022 15:23	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-23
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 1:30:00 PM
<b>Lab ID:</b> 2208S19-014	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342171	1	08/26/2022 18:28	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 18:28	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 18:28	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 18:28	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 18:28	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 18:28	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 18:28	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 18:28	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 18:28	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 18:28	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 18:28	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 18:28	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 18:28	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 18:28	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 18:28	OM
Surr: 4-Bromofluorobenzene	97.2	75-118		%REC	342171	1	08/26/2022 18:28	OM
Surr: Dibromofluoromethane	105	82.5-121		%REC	342171	1	08/26/2022 18:28	OM
Surr: Toluene-d8	91.3	78.3-118		%REC	342171	1	08/26/2022 18:28	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 15:57	TB
Surr: 4-Bromofluorobenzene	109	69.7-138		%REC	342223	1	08/31/2022 15:57	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-24
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 1:15:00 PM
<b>Lab ID:</b> 2208S19-015	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342171	1	08/26/2022 18:50	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 18:50	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 18:50	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 18:50	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 18:50	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 18:50	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 18:50	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 18:50	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 18:50	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 18:50	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 18:50	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 18:50	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 18:50	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 18:50	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 18:50	OM
Surr: 4-Bromofluorobenzene	97.5	75-118		%REC	342171	1	08/26/2022 18:50	OM
Surr: Dibromofluoromethane	105	82.5-121		%REC	342171	1	08/26/2022 18:50	OM
Surr: Toluene-d8	106	78.3-118		%REC	342171	1	08/26/2022 18:50	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 16:14	TB
Surr: 4-Bromofluorobenzene	114	69.7-138		%REC	342223	1	08/31/2022 16:14	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-25
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 3:50:00 PM
<b>Lab ID:</b> 2208S19-016	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	2.0	1.0		ug/L	342171	1	08/26/2022 19:13	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 19:13	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 19:13	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 19:13	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 19:13	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 19:13	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 19:13	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 19:13	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 19:13	OM
Isopropyl ether	44	10		ug/L	342171	1	08/26/2022 19:13	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 19:13	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 19:13	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 19:13	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 19:13	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 19:13	OM
Surr: 4-Bromofluorobenzene	97.2	75-118		%REC	342171	1	08/26/2022 19:13	OM
Surr: Dibromofluoromethane	105	82.5-121		%REC	342171	1	08/26/2022 19:13	OM
Surr: Toluene-d8	105	78.3-118		%REC	342171	1	08/26/2022 19:13	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 16:31	TB
Surr: 4-Bromofluorobenzene	110	69.7-138		%REC	342223	1	08/31/2022 16:31	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 RW-1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/24/2022 10:30:00 AM
<b>Lab ID:</b> 2208S19-017	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	15000	100		ug/L	342172	100	08/27/2022 03:23	OM
Toluene	51000	1000		ug/L	342172	1000	08/27/2022 03:45	OM
Ethylbenzene	3900	100		ug/L	342172	100	08/27/2022 03:23	OM
Xylenes, Total	21000	100		ug/L	342172	100	08/27/2022 03:23	OM
Methyl tert-butyl ether	1300	100		ug/L	342172	100	08/27/2022 03:23	OM
Naphthalene	560	500		ug/L	342172	100	08/27/2022 03:23	OM
1,2-Dichloroethane	BRL	100		ug/L	342172	100	08/27/2022 03:23	OM
Ethyl tert-butyl ether	BRL	1000		ug/L	342172	100	08/27/2022 03:23	OM
tert-Amyl methyl ether	BRL	1000		ug/L	342172	100	08/27/2022 03:23	OM
Isopropyl ether	4100	1000		ug/L	342172	100	08/27/2022 03:23	OM
tert-Butyl Alcohol	BRL	10000		ug/L	342172	100	08/27/2022 03:23	OM
tert-Amyl alcohol	31000	10000		ug/L	342172	100	08/27/2022 03:23	OM
tert-Butyl formate	BRL	10000		ug/L	342172	100	08/27/2022 03:23	OM
Ethanol	BRL	10000		ug/L	342172	100	08/27/2022 03:23	OM
3,3-Dimethyl-1-butanol	BRL	10000		ug/L	342172	100	08/27/2022 03:23	OM
Surr: 4-Bromofluorobenzene	97.3	75-118		%REC	342172	1000	08/27/2022 03:45	OM
Surr: 4-Bromofluorobenzene	103	75-118		%REC	342172	100	08/27/2022 03:23	OM
Surr: Dibromofluoromethane	102	82.5-121		%REC	342172	100	08/27/2022 03:23	OM
Surr: Dibromofluoromethane	108	82.5-121		%REC	342172	1000	08/27/2022 03:45	OM
Surr: Toluene-d8	103	78.3-118		%REC	342172	100	08/27/2022 03:23	OM
Surr: Toluene-d8	106	78.3-118		%REC	342172	1000	08/27/2022 03:45	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 17:05	TB
Surr: 4-Bromofluorobenzene	110	69.7-138		%REC	342223	1	08/31/2022 17:05	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 DW-1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 6:05:00 PM
<b>Lab ID:</b> 2208S19-018	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	48	1.0		ug/L	342171	1	08/26/2022 19:35	OM
Toluene	110	1.0		ug/L	342171	1	08/26/2022 19:35	OM
Ethylbenzene	3.1	1.0		ug/L	342171	1	08/26/2022 19:35	OM
Xylenes, Total	22	1.0		ug/L	342171	1	08/26/2022 19:35	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 19:35	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 19:35	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 19:35	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 19:35	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 19:35	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 19:35	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 19:35	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 19:35	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 19:35	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 19:35	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 19:35	OM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	342171	1	08/26/2022 19:35	OM
Surr: Dibromofluoromethane	105	82.5-121		%REC	342171	1	08/26/2022 19:35	OM
Surr: Toluene-d8	107	78.3-118		%REC	342171	1	08/26/2022 19:35	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 17:22	TB
Surr: 4-Bromofluorobenzene	119	69.7-138		%REC	342223	1	08/31/2022 17:22	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 DW-2
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 5:30:00 PM
<b>Lab ID:</b> 2208S19-019	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342171	1	08/26/2022 19:57	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 19:57	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 19:57	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 19:57	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 19:57	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 19:57	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 19:57	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 19:57	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 19:57	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 19:57	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 19:57	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 19:57	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 19:57	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 19:57	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 19:57	OM
Surr: 4-Bromofluorobenzene	98.1	75-118		%REC	342171	1	08/26/2022 19:57	OM
Surr: Dibromofluoromethane	107	82.5-121		%REC	342171	1	08/26/2022 19:57	OM
Surr: Toluene-d8	106	78.3-118		%REC	342171	1	08/26/2022 19:57	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342223	1	08/31/2022 17:40	TB
Surr: 4-Bromofluorobenzene	139	69.7-138	S	%REC	342223	1	08/31/2022 17:40	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 DW-3
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 4:55:00 PM
<b>Lab ID:</b> 2208S19-020	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342172	1	08/26/2022 20:20	OM
Toluene	BRL	1.0		ug/L	342172	1	08/26/2022 20:20	OM
Ethylbenzene	BRL	1.0		ug/L	342172	1	08/26/2022 20:20	OM
Xylenes, Total	BRL	1.0		ug/L	342172	1	08/26/2022 20:20	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342172	1	08/26/2022 20:20	OM
Naphthalene	BRL	5.0		ug/L	342172	1	08/26/2022 20:20	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342172	1	08/26/2022 20:20	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342172	1	08/26/2022 20:20	OM
tert-Amyl methyl ether	BRL	10		ug/L	342172	1	08/26/2022 20:20	OM
Isopropyl ether	BRL	10		ug/L	342172	1	08/26/2022 20:20	OM
tert-Butyl Alcohol	BRL	100		ug/L	342172	1	08/26/2022 20:20	OM
tert-Amyl alcohol	BRL	100		ug/L	342172	1	08/26/2022 20:20	OM
tert-Butyl formate	BRL	100		ug/L	342172	1	08/26/2022 20:20	OM
Ethanol	BRL	100		ug/L	342172	1	08/26/2022 20:20	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342172	1	08/26/2022 20:20	OM
Surr: 4-Bromofluorobenzene	95.6	75-118		%REC	342172	1	08/26/2022 20:20	OM
Surr: Dibromofluoromethane	109	82.5-121		%REC	342172	1	08/26/2022 20:20	OM
Surr: Toluene-d8	105	78.3-118		%REC	342172	1	08/26/2022 20:20	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342224	1	08/31/2022 15:29	TB
Surr: 4-Bromofluorobenzene	98.6	69.7-138		%REC	342224	1	08/31/2022 15:29	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 DW-4
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 1:50:00 PM
<b>Lab ID:</b> 2208S19-021	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342172	1	08/26/2022 20:42	OM
Toluene	BRL	1.0		ug/L	342172	1	08/26/2022 20:42	OM
Ethylbenzene	BRL	1.0		ug/L	342172	1	08/26/2022 20:42	OM
Xylenes, Total	BRL	1.0		ug/L	342172	1	08/26/2022 20:42	OM
Methyl tert-butyl ether	5.0	1.0		ug/L	342172	1	08/26/2022 20:42	OM
Naphthalene	BRL	5.0		ug/L	342172	1	08/26/2022 20:42	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342172	1	08/26/2022 20:42	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342172	1	08/26/2022 20:42	OM
tert-Amyl methyl ether	BRL	10		ug/L	342172	1	08/26/2022 20:42	OM
Isopropyl ether	46	10		ug/L	342172	1	08/26/2022 20:42	OM
tert-Butyl Alcohol	BRL	100		ug/L	342172	1	08/26/2022 20:42	OM
tert-Amyl alcohol	BRL	100		ug/L	342172	1	08/26/2022 20:42	OM
tert-Butyl formate	BRL	100		ug/L	342172	1	08/26/2022 20:42	OM
Ethanol	BRL	100		ug/L	342172	1	08/26/2022 20:42	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342172	1	08/26/2022 20:42	OM
Surr: 4-Bromofluorobenzene	95.9	75-118		%REC	342172	1	08/26/2022 20:42	OM
Surr: Dibromofluoromethane	109	82.5-121		%REC	342172	1	08/26/2022 20:42	OM
Surr: Toluene-d8	108	78.3-118		%REC	342172	1	08/26/2022 20:42	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342224	1	08/31/2022 15:46	TB
Surr: 4-Bromofluorobenzene	95.7	69.7-138		%REC	342224	1	08/31/2022 15:46	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 SW-1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 4:20:00 PM
<b>Lab ID:</b> 2208S19-022	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342172	1	08/26/2022 21:04	OM
Toluene	BRL	1.0		ug/L	342172	1	08/26/2022 21:04	OM
Ethylbenzene	BRL	1.0		ug/L	342172	1	08/26/2022 21:04	OM
Xylenes, Total	BRL	1.0		ug/L	342172	1	08/26/2022 21:04	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342172	1	08/26/2022 21:04	OM
Naphthalene	BRL	5.0		ug/L	342172	1	08/26/2022 21:04	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342172	1	08/26/2022 21:04	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342172	1	08/26/2022 21:04	OM
tert-Amyl methyl ether	BRL	10		ug/L	342172	1	08/26/2022 21:04	OM
Isopropyl ether	BRL	10		ug/L	342172	1	08/26/2022 21:04	OM
tert-Butyl Alcohol	BRL	100		ug/L	342172	1	08/26/2022 21:04	OM
tert-Amyl alcohol	BRL	100		ug/L	342172	1	08/26/2022 21:04	OM
tert-Butyl formate	BRL	100		ug/L	342172	1	08/26/2022 21:04	OM
Ethanol	BRL	100		ug/L	342172	1	08/26/2022 21:04	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342172	1	08/26/2022 21:04	OM
Surr: 4-Bromofluorobenzene	95.5	75-118		%REC	342172	1	08/26/2022 21:04	OM
Surr: Dibromofluoromethane	107	82.5-121		%REC	342172	1	08/26/2022 21:04	OM
Surr: Toluene-d8	108	78.3-118		%REC	342172	1	08/26/2022 21:04	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342224	1	08/31/2022 16:03	TB
Surr: 4-Bromofluorobenzene	98.7	69.7-138		%REC	342224	1	08/31/2022 16:03	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 SW-2
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 3:35:00 PM
<b>Lab ID:</b> 2208S19-023	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342172	1	08/29/2022 12:16	CM
Toluene	BRL	1.0		ug/L	342172	1	08/29/2022 12:16	CM
Ethylbenzene	BRL	1.0		ug/L	342172	1	08/29/2022 12:16	CM
Xylenes, Total	BRL	1.0		ug/L	342172	1	08/29/2022 12:16	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	342172	1	08/29/2022 12:16	CM
Naphthalene	BRL	5.0		ug/L	342172	1	08/29/2022 12:16	CM
1,2-Dichloroethane	BRL	1.0		ug/L	342172	1	08/29/2022 12:16	CM
Ethyl tert-butyl ether	BRL	10		ug/L	342172	1	08/29/2022 12:16	CM
tert-Amyl methyl ether	BRL	10		ug/L	342172	1	08/29/2022 12:16	CM
Isopropyl ether	BRL	10		ug/L	342172	1	08/29/2022 12:16	CM
tert-Butyl Alcohol	BRL	100		ug/L	342172	1	08/29/2022 12:16	CM
tert-Amyl alcohol	BRL	100		ug/L	342172	1	08/29/2022 12:16	CM
tert-Butyl formate	BRL	100		ug/L	342172	1	08/29/2022 12:16	CM
Ethanol	BRL	100		ug/L	342172	1	08/29/2022 12:16	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342172	1	08/29/2022 12:16	CM
Surr: 4-Bromofluorobenzene	100	75-118		%REC	342172	1	08/29/2022 12:16	CM
Surr: Dibromofluoromethane	97.8	82.5-121		%REC	342172	1	08/29/2022 12:16	CM
Surr: Toluene-d8	104	78.3-118		%REC	342172	1	08/29/2022 12:16	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342224	1	08/31/2022 16:20	TB
Surr: 4-Bromofluorobenzene	98.2	69.7-138		%REC	342224	1	08/31/2022 16:20	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 SW-3
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 2:50:00 PM
<b>Lab ID:</b> 2208S19-024	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	32	1.0		ug/L	342172	1	08/29/2022 12:41	CM
Toluene	110	1.0		ug/L	342172	1	08/29/2022 12:41	CM
Ethylbenzene	27	1.0		ug/L	342172	1	08/29/2022 12:41	CM
Xylenes, Total	210	1.0		ug/L	342172	1	08/29/2022 12:41	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	342172	1	08/29/2022 12:41	CM
Naphthalene	7.7	5.0		ug/L	342172	1	08/29/2022 12:41	CM
1,2-Dichloroethane	BRL	1.0		ug/L	342172	1	08/29/2022 12:41	CM
Ethyl tert-butyl ether	BRL	10		ug/L	342172	1	08/29/2022 12:41	CM
tert-Amyl methyl ether	BRL	10		ug/L	342172	1	08/29/2022 12:41	CM
Isopropyl ether	BRL	10		ug/L	342172	1	08/29/2022 12:41	CM
tert-Butyl Alcohol	BRL	100		ug/L	342172	1	08/29/2022 12:41	CM
tert-Amyl alcohol	BRL	100		ug/L	342172	1	08/29/2022 12:41	CM
tert-Butyl formate	BRL	100		ug/L	342172	1	08/29/2022 12:41	CM
Ethanol	BRL	100		ug/L	342172	1	08/29/2022 12:41	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342172	1	08/29/2022 12:41	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	342172	1	08/29/2022 12:41	CM
Surr: Dibromofluoromethane	96.5	82.5-121		%REC	342172	1	08/29/2022 12:41	CM
Surr: Toluene-d8	104	78.3-118		%REC	342172	1	08/29/2022 12:41	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342224	1	08/31/2022 16:37	TB
Surr: 4-Bromofluorobenzene	103	69.7-138		%REC	342224	1	08/31/2022 16:37	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 SW-4
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 2:20:00 PM
<b>Lab ID:</b> 2208S19-025	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342172	1	08/26/2022 21:49	OM
Toluene	1.4	1.0		ug/L	342172	1	08/26/2022 21:49	OM
Ethylbenzene	BRL	1.0		ug/L	342172	1	08/26/2022 21:49	OM
Xylenes, Total	7.4	1.0		ug/L	342172	1	08/26/2022 21:49	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342172	1	08/26/2022 21:49	OM
Naphthalene	BRL	5.0		ug/L	342172	1	08/26/2022 21:49	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342172	1	08/26/2022 21:49	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342172	1	08/26/2022 21:49	OM
tert-Amyl methyl ether	BRL	10		ug/L	342172	1	08/26/2022 21:49	OM
Isopropyl ether	BRL	10		ug/L	342172	1	08/26/2022 21:49	OM
tert-Butyl Alcohol	BRL	100		ug/L	342172	1	08/26/2022 21:49	OM
tert-Amyl alcohol	BRL	100		ug/L	342172	1	08/26/2022 21:49	OM
tert-Butyl formate	BRL	100		ug/L	342172	1	08/26/2022 21:49	OM
Ethanol	BRL	100		ug/L	342172	1	08/26/2022 21:49	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342172	1	08/26/2022 21:49	OM
Surr: 4-Bromofluorobenzene	97.3	75-118		%REC	342172	1	08/26/2022 21:49	OM
Surr: Dibromofluoromethane	107	82.5-121		%REC	342172	1	08/26/2022 21:49	OM
Surr: Toluene-d8	110	78.3-118		%REC	342172	1	08/26/2022 21:49	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.021		ug/L	342224	1	08/31/2022 17:29	TB
Surr: 4-Bromofluorobenzene	94.9	69.7-138		%REC	342224	1	08/31/2022 17:29	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 SW-5
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 12:30:00 PM
<b>Lab ID:</b> 2208S19-026	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342172	1	08/26/2022 21:26	OM
Toluene	BRL	1.0		ug/L	342172	1	08/26/2022 21:26	OM
Ethylbenzene	BRL	1.0		ug/L	342172	1	08/26/2022 21:26	OM
Xylenes, Total	BRL	1.0		ug/L	342172	1	08/26/2022 21:26	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342172	1	08/26/2022 21:26	OM
Naphthalene	BRL	5.0		ug/L	342172	1	08/26/2022 21:26	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342172	1	08/26/2022 21:26	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342172	1	08/26/2022 21:26	OM
tert-Amyl methyl ether	BRL	10		ug/L	342172	1	08/26/2022 21:26	OM
Isopropyl ether	BRL	10		ug/L	342172	1	08/26/2022 21:26	OM
tert-Butyl Alcohol	BRL	100		ug/L	342172	1	08/26/2022 21:26	OM
tert-Amyl alcohol	BRL	100		ug/L	342172	1	08/26/2022 21:26	OM
tert-Butyl formate	BRL	100		ug/L	342172	1	08/26/2022 21:26	OM
Ethanol	BRL	100		ug/L	342172	1	08/26/2022 21:26	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342172	1	08/26/2022 21:26	OM
Surr: 4-Bromofluorobenzene	96.9	75-118		%REC	342172	1	08/26/2022 21:26	OM
Surr: Dibromofluoromethane	106	82.5-121		%REC	342172	1	08/26/2022 21:26	OM
Surr: Toluene-d8	108	78.3-118		%REC	342172	1	08/26/2022 21:26	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.021		ug/L	342224	1	08/31/2022 17:46	TB
Surr: 4-Bromofluorobenzene	98.6	69.7-138		%REC	342224	1	08/31/2022 17:46	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 SW-6
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 12:45:00 PM
<b>Lab ID:</b> 2208S19-027	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342172	1	08/29/2022 11:50	CM
Toluene	BRL	1.0		ug/L	342172	1	08/29/2022 11:50	CM
Ethylbenzene	BRL	1.0		ug/L	342172	1	08/29/2022 11:50	CM
Xylenes, Total	BRL	1.0		ug/L	342172	1	08/29/2022 11:50	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	342172	1	08/29/2022 11:50	CM
Naphthalene	BRL	5.0		ug/L	342172	1	08/29/2022 11:50	CM
1,2-Dichloroethane	BRL	1.0		ug/L	342172	1	08/29/2022 11:50	CM
Ethyl tert-butyl ether	BRL	10		ug/L	342172	1	08/29/2022 11:50	CM
tert-Amyl methyl ether	BRL	10		ug/L	342172	1	08/29/2022 11:50	CM
Isopropyl ether	BRL	10		ug/L	342172	1	08/29/2022 11:50	CM
tert-Butyl Alcohol	BRL	100		ug/L	342172	1	08/29/2022 11:50	CM
tert-Amyl alcohol	BRL	100		ug/L	342172	1	08/29/2022 11:50	CM
tert-Butyl formate	BRL	100		ug/L	342172	1	08/29/2022 11:50	CM
Ethanol	BRL	100		ug/L	342172	1	08/29/2022 11:50	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342172	1	08/29/2022 11:50	CM
Surr: 4-Bromofluorobenzene	100	75-118		%REC	342172	1	08/29/2022 11:50	CM
Surr: Dibromofluoromethane	95.8	82.5-121		%REC	342172	1	08/29/2022 11:50	CM
Surr: Toluene-d8	104	78.3-118		%REC	342172	1	08/29/2022 11:50	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342224	1	08/31/2022 18:03	TB
Surr: 4-Bromofluorobenzene	93.6	69.7-138		%REC	342224	1	08/31/2022 18:03	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 DUP-1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/24/2022 9:20:00 AM
<b>Lab ID:</b> 2208S19-028	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	880	50		ug/L	342172	50	08/27/2022 06:43	OM
Toluene	1600	50		ug/L	342172	50	08/27/2022 06:43	OM
Ethylbenzene	170	50		ug/L	342172	50	08/27/2022 06:43	OM
Xylenes, Total	2500	50		ug/L	342172	50	08/27/2022 06:43	OM
Methyl tert-butyl ether	28	1.0		ug/L	342172	1	08/29/2022 15:10	CM
Naphthalene	100	5.0		ug/L	342172	1	08/29/2022 15:10	CM
1,2-Dichloroethane	BRL	1.0		ug/L	342172	1	08/29/2022 15:10	CM
Ethyl tert-butyl ether	BRL	10		ug/L	342172	1	08/29/2022 15:10	CM
tert-Amyl methyl ether	12	10		ug/L	342172	1	08/29/2022 15:10	CM
Isopropyl ether	160	10		ug/L	342172	1	08/29/2022 15:10	CM
tert-Butyl Alcohol	BRL	100		ug/L	342172	1	08/29/2022 15:10	CM
tert-Amyl alcohol	390	100		ug/L	342172	1	08/29/2022 15:10	CM
tert-Butyl formate	BRL	100		ug/L	342172	1	08/29/2022 15:10	CM
Ethanol	BRL	100		ug/L	342172	1	08/29/2022 15:10	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342172	1	08/29/2022 15:10	CM
Surr: 4-Bromofluorobenzene	99	75-118		%REC	342172	50	08/27/2022 06:43	OM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	342172	1	08/29/2022 15:10	CM
Surr: Dibromofluoromethane	107	82.5-121		%REC	342172	50	08/27/2022 06:43	OM
Surr: Dibromofluoromethane	91.1	82.5-121		%REC	342172	1	08/29/2022 15:10	CM
Surr: Toluene-d8	106	78.3-118		%REC	342172	50	08/27/2022 06:43	OM
Surr: Toluene-d8	108	78.3-118		%REC	342172	1	08/29/2022 15:10	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342224	1	08/31/2022 18:20	TB
Surr: 4-Bromofluorobenzene	94.4	69.7-138		%REC	342224	1	08/31/2022 18:20	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 DUP-2
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/24/2022 9:50:00 AM
<b>Lab ID:</b> 2208S19-029	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	2500	100		ug/L	342172	100	08/27/2022 01:54	OM
Toluene	3500	100		ug/L	342172	100	08/27/2022 01:54	OM
Ethylbenzene	390	100		ug/L	342172	100	08/27/2022 01:54	OM
Xylenes, Total	8600	100		ug/L	342172	100	08/27/2022 01:54	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342172	1	08/29/2022 13:31	CM
Naphthalene	280	50		ug/L	342172	10	08/29/2022 13:55	CM
1,2-Dichloroethane	BRL	1.0		ug/L	342172	1	08/29/2022 13:31	CM
Ethyl tert-butyl ether	BRL	10		ug/L	342172	1	08/29/2022 13:31	CM
tert-Amyl methyl ether	53	10		ug/L	342172	1	08/29/2022 13:31	CM
Isopropyl ether	410	10		ug/L	342172	1	08/29/2022 13:31	CM
tert-Butyl Alcohol	BRL	100		ug/L	342172	1	08/29/2022 13:31	CM
tert-Amyl alcohol	2300	100		ug/L	342172	1	08/29/2022 13:31	CM
tert-Butyl formate	BRL	100		ug/L	342172	1	08/29/2022 13:31	CM
Ethanol	6600	1000		ug/L	342172	10	08/29/2022 13:55	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342172	1	08/29/2022 13:31	CM
Surr: 4-Bromofluorobenzene	99.4	75-118		%REC	342172	1	08/29/2022 13:31	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	342172	10	08/29/2022 13:55	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	342172	100	08/27/2022 01:54	OM
Surr: Dibromofluoromethane	89.8	82.5-121		%REC	342172	1	08/29/2022 13:31	CM
Surr: Dibromofluoromethane	92.1	82.5-121		%REC	342172	10	08/29/2022 13:55	CM
Surr: Dibromofluoromethane	105	82.5-121		%REC	342172	100	08/27/2022 01:54	OM
Surr: Toluene-d8	104	78.3-118		%REC	342172	10	08/29/2022 13:55	CM
Surr: Toluene-d8	106	78.3-118		%REC	342172	100	08/27/2022 01:54	OM
Surr: Toluene-d8	107	78.3-118		%REC	342172	1	08/29/2022 13:31	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342224	1	08/31/2022 18:54	TB
Surr: 4-Bromofluorobenzene	93.8	69.7-138		%REC	342224	1	08/31/2022 18:54	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 EQUIPMENT BLANK
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 6:20:00 PM
<b>Lab ID:</b> 2208S19-030	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342171	1	08/26/2022 13:15	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 13:15	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 13:15	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 13:15	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 13:15	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 13:15	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 13:15	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 13:15	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 13:15	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 13:15	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 13:15	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 13:15	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 13:15	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 13:15	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 13:15	OM
Surr: 4-Bromofluorobenzene	98.9	75-118		%REC	342171	1	08/26/2022 13:15	OM
Surr: Dibromofluoromethane	106	82.5-121		%REC	342171	1	08/26/2022 13:15	OM
Surr: Toluene-d8	104	78.3-118		%REC	342171	1	08/26/2022 13:15	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342224	1	08/31/2022 19:11	TB
Surr: 4-Bromofluorobenzene	96.6	69.7-138		%REC	342224	1	08/31/2022 19:11	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 FIELD BLANK-1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022 6:25:00 PM
<b>Lab ID:</b> 2208S19-031	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342171	1	08/26/2022 13:37	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 13:37	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 13:37	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 13:37	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 13:37	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 13:37	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 13:37	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 13:37	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 13:37	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 13:37	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 13:37	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 13:37	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 13:37	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 13:37	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 13:37	OM
Surr: 4-Bromofluorobenzene	100	75-118		%REC	342171	1	08/26/2022 13:37	OM
Surr: Dibromofluoromethane	104	82.5-121		%REC	342171	1	08/26/2022 13:37	OM
Surr: Toluene-d8	102	78.3-118		%REC	342171	1	08/26/2022 13:37	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342224	1	08/31/2022 19:29	TB
Surr: 4-Bromofluorobenzene	96.8	69.7-138		%REC	342224	1	08/31/2022 19:29	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 FIELD BLANK-2
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/24/2022 12:00:00 PM
<b>Lab ID:</b> 2208S19-032	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342171	1	08/26/2022 14:00	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 14:00	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 14:00	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 14:00	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 14:00	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 14:00	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 14:00	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 14:00	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 14:00	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 14:00	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 14:00	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 14:00	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 14:00	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 14:00	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 14:00	OM
Surr: 4-Bromofluorobenzene	100	75-118		%REC	342171	1	08/26/2022 14:00	OM
Surr: Dibromofluoromethane	105	82.5-121		%REC	342171	1	08/26/2022 14:00	OM
Surr: Toluene-d8	103	78.3-118		%REC	342171	1	08/26/2022 14:00	OM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	342224	1	08/31/2022 20:03	TB
Surr: 4-Bromofluorobenzene	100	69.7-138		%REC	342224	1	08/31/2022 20:03	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> TRIP BLANK
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022
<b>Lab ID:</b> 2208S19-033	<b>Matrix:</b> Trip Blank

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342171	1	08/26/2022 14:22	OM
Toluene	BRL	1.0		ug/L	342171	1	08/26/2022 14:22	OM
Ethylbenzene	BRL	1.0		ug/L	342171	1	08/26/2022 14:22	OM
Xylenes, Total	BRL	1.0		ug/L	342171	1	08/26/2022 14:22	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342171	1	08/26/2022 14:22	OM
Naphthalene	BRL	5.0		ug/L	342171	1	08/26/2022 14:22	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342171	1	08/26/2022 14:22	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342171	1	08/26/2022 14:22	OM
tert-Amyl methyl ether	BRL	10		ug/L	342171	1	08/26/2022 14:22	OM
Isopropyl ether	BRL	10		ug/L	342171	1	08/26/2022 14:22	OM
tert-Butyl Alcohol	BRL	100		ug/L	342171	1	08/26/2022 14:22	OM
tert-Amyl alcohol	BRL	100		ug/L	342171	1	08/26/2022 14:22	OM
tert-Butyl formate	BRL	100		ug/L	342171	1	08/26/2022 14:22	OM
Ethanol	BRL	100		ug/L	342171	1	08/26/2022 14:22	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342171	1	08/26/2022 14:22	OM
Surr: 4-Bromofluorobenzene	98.9	75-118		%REC	342171	1	08/26/2022 14:22	OM
Surr: Dibromofluoromethane	104	82.5-121		%REC	342171	1	08/26/2022 14:22	OM
Surr: Toluene-d8	103	78.3-118		%REC	342171	1	08/26/2022 14:22	OM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> TRIP BLANK
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 8/23/2022
<b>Lab ID:</b> 2208S19-034	<b>Matrix:</b> Trip Blank

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	342172	1	08/27/2022 01:09	OM
Toluene	BRL	1.0		ug/L	342172	1	08/27/2022 01:09	OM
Ethylbenzene	BRL	1.0		ug/L	342172	1	08/27/2022 01:09	OM
Xylenes, Total	BRL	1.0		ug/L	342172	1	08/27/2022 01:09	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	342172	1	08/27/2022 01:09	OM
Naphthalene	BRL	5.0		ug/L	342172	1	08/27/2022 01:09	OM
1,2-Dichloroethane	BRL	1.0		ug/L	342172	1	08/27/2022 01:09	OM
Ethyl tert-butyl ether	BRL	10		ug/L	342172	1	08/27/2022 01:09	OM
tert-Amyl methyl ether	BRL	10		ug/L	342172	1	08/27/2022 01:09	OM
Isopropyl ether	BRL	10		ug/L	342172	1	08/27/2022 01:09	OM
tert-Butyl Alcohol	BRL	100		ug/L	342172	1	08/27/2022 01:09	OM
tert-Amyl alcohol	BRL	100		ug/L	342172	1	08/27/2022 01:09	OM
tert-Butyl formate	BRL	100		ug/L	342172	1	08/27/2022 01:09	OM
Ethanol	BRL	100		ug/L	342172	1	08/27/2022 01:09	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	342172	1	08/27/2022 01:09	OM
Surr: 4-Bromofluorobenzene	94.5	75-118		%REC	342172	1	08/27/2022 01:09	OM
Surr: Dibromofluoromethane	107	82.5-121		%REC	342172	1	08/27/2022 01:09	OM
Surr: Toluene-d8	107	78.3-118		%REC	342172	1	08/27/2022 01:09	OM

**Qualifiers:**

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**SAMPLE/COOLER RECEIPT CHECKLIST**

**Clear**

**Save as**

1. Client Name: **KLM ENVIRONMENTAL, LLC**

AES Work Order Number: **2208S19**

2. Carrier: FedEx  UPS  USPS  Client  Courier  Other \_\_\_\_\_

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

13. Cooler 1 Temperature 1.3 °C    Cooler 2 Temperature 1.3 °C    Cooler 3 Temperature \_\_\_\_\_ °C    Cooler 4 Temperature \_\_\_\_\_ °C  
 14. Cooler 5 Temperature \_\_\_\_\_ °C    Cooler 6 Temperature \_\_\_\_\_ °C    Cooler 7 Temperature \_\_\_\_\_ °C    Cooler 8 Temperature \_\_\_\_\_ °C

15. Comments: \_\_\_\_\_

I certify that I have completed sections 1-15 (dated initials). SB 8/25/22

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

27. Comments: \_\_\_\_\_

This section only applies to samples where pH can be checked at Sample Receipt.

I certify that I have completed sections 16-27 (dated initials). SB 8/25/22

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
29. Containers meet preservation guidelines?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
30. Was pH adjusted at Sample Receipt?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		

\* Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/TPH.

This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.

I certify that I have completed sections 28-30 (dated initials). SB 8/25/22

**Locked**



Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Lab Order: 2208S19

**Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2208S19-001A	#04785 MW-5	8/24/2022 9:45:00AM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/27/2022
2208S19-001B	#04785 MW-5	8/24/2022 9:45:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-002A	#04785 MW-6	8/24/2022 9:30:00AM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-002B	#04785 MW-6	8/24/2022 9:30:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-003A	#04785 MW-7	8/24/2022 9:15:00AM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/27/2022
2208S19-003A	#04785 MW-7	8/24/2022 9:15:00AM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/29/2022
2208S19-003B	#04785 MW-7	8/24/2022 9:15:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-004A	#04785 MW-10	8/23/2022 4:35:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-004B	#04785 MW-10	8/23/2022 4:35:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-005A	#04785 MW-11	8/23/2022 4:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-005B	#04785 MW-11	8/23/2022 4:05:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-006A	#04785 MW-15	8/23/2022 11:45:00AM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-006B	#04785 MW-15	8/23/2022 11:45:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-007A	#04785 MW-16	8/23/2022 12:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-007B	#04785 MW-16	8/23/2022 12:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-008A	#04785 MW-17	8/23/2022 2:35:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-008B	#04785 MW-17	8/23/2022 2:35:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-009A	#04785 MW-18	8/23/2022 3:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/27/2022
2208S19-009B	#04785 MW-18	8/23/2022 3:05:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-010A	#04785 MW-19	8/23/2022 3:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-010B	#04785 MW-19	8/23/2022 3:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-011A	#04785 MW-20	8/23/2022 2:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-011A	#04785 MW-20	8/23/2022 2:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/29/2022
2208S19-011A	#04785 MW-20	8/23/2022 2:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	09/01/2022
2208S19-011B	#04785 MW-20	8/23/2022 2:05:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-012A	#04785 MW-21	8/23/2022 11:30:00AM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-012B	#04785 MW-21	8/23/2022 11:30:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-013A	#04785 MW-22	8/23/2022 1:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-013B	#04785 MW-22	8/23/2022 1:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022

Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Lab Order: 2208S19

## Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2208S19-014A	#04785 MW-23	8/23/2022 1:30:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-014B	#04785 MW-23	8/23/2022 1:30:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-015A	#04785 MW-24	8/23/2022 1:15:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-015B	#04785 MW-24	8/23/2022 1:15:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-016A	#04785 MW-25	8/23/2022 3:50:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-016B	#04785 MW-25	8/23/2022 3:50:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-017A	#04785 RW-1	8/24/2022 10:30:00AM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/27/2022
2208S19-017B	#04785 RW-1	8/24/2022 10:30:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-018A	#04785 DW-1	8/23/2022 6:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-018B	#04785 DW-1	8/23/2022 6:05:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-019A	#04785 DW-2	8/23/2022 5:30:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-019B	#04785 DW-2	8/23/2022 5:30:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:00PM	08/31/2022
2208S19-020A	#04785 DW-3	8/23/2022 4:55:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-020B	#04785 DW-3	8/23/2022 4:55:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:32PM	08/31/2022
2208S19-021A	#04785 DW-4	8/23/2022 1:50:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-021B	#04785 DW-4	8/23/2022 1:50:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:32PM	08/31/2022
2208S19-022A	#04785 SW-1	8/23/2022 4:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-022B	#04785 SW-1	8/23/2022 4:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:32PM	08/31/2022
2208S19-023A	#04785 SW-2	8/23/2022 3:35:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/29/2022
2208S19-023B	#04785 SW-2	8/23/2022 3:35:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:32PM	08/31/2022
2208S19-024A	#04785 SW-3	8/23/2022 2:50:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/29/2022
2208S19-024B	#04785 SW-3	8/23/2022 2:50:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:32PM	08/31/2022
2208S19-025A	#04785 SW-4	8/23/2022 2:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-025B	#04785 SW-4	8/23/2022 2:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:32PM	08/31/2022
2208S19-026A	#04785 SW-5	8/23/2022 12:30:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-026B	#04785 SW-5	8/23/2022 12:30:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:32PM	08/31/2022
2208S19-027A	#04785 SW-6	8/23/2022 12:45:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/29/2022
2208S19-027B	#04785 SW-6	8/23/2022 12:45:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:32PM	08/31/2022
2208S19-028A	#04785 DUP-1	8/24/2022 9:20:00AM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/27/2022

Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Lab Order: 2208S19

## Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2208S19-028A	#04785 DUP-1	8/24/2022 9:20:00AM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/29/2022
2208S19-028B	#04785 DUP-1	8/24/2022 9:20:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:32PM	08/31/2022
2208S19-029A	#04785 DUP-2	8/24/2022 9:50:00AM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/27/2022
2208S19-029A	#04785 DUP-2	8/24/2022 9:50:00AM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/29/2022
2208S19-029B	#04785 DUP-2	8/24/2022 9:50:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:32PM	08/31/2022
2208S19-030A	#04785 EQUIPMENT BLANK	8/23/2022 6:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-030B	#04785 EQUIPMENT BLANK	8/23/2022 6:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:32PM	08/31/2022
2208S19-031A	#04785 FIELD BLANK-1	8/23/2022 6:25:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-031B	#04785 FIELD BLANK-1	8/23/2022 6:25:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:32PM	08/31/2022
2208S19-032A	#04785 FIELD BLANK-2	8/24/2022 12:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-032B	#04785 FIELD BLANK-2	8/24/2022 12:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		8/29/2022 3:54:32PM	08/31/2022
2208S19-033A	TRIP BLANK	8/23/2022 12:00:00AM	Trip Blank	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/26/2022
2208S19-034A	TRIP BLANK	8/23/2022 12:00:00AM	Trip Blank	Volatile Organic Compounds by GC/MS		8/26/2022 9:49:00AM	08/27/2022



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2208S19

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 342171**

Sample ID: <b>MB-342171</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>08/26/2022</b>	Run No: <b>494896</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>342171</b>	Analysis Date: <b>08/26/2022</b>	Seq No: <b>11556923</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0									
3,3-Dimethyl-1-butanol	BRL	100									
Benzene	BRL	1.0									
Ethanol	BRL	100									
Ethyl tert-butyl ether	BRL	10									
Ethylbenzene	BRL	1.0									
Isopropyl ether	BRL	10									
Methyl tert-butyl ether	BRL	1.0									
Naphthalene	BRL	5.0									
tert-Amyl alcohol	BRL	100									
tert-Amyl methyl ether	BRL	10									
tert-Butyl Alcohol	BRL	100									
tert-Butyl formate	BRL	100									
Toluene	BRL	1.0									
Xylenes, Total	BRL	1.0									
Surr: 4-Bromofluorobenzene	49.83	0	50.00		99.7	75	118				
Surr: Dibromofluoromethane	51.98	0	50.00		104	82.5	121				
Surr: Toluene-d8	50.43	0	50.00		101	78.3	118				

Sample ID: <b>LCS-342171</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>08/26/2022</b>	Run No: <b>494896</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>342171</b>	Analysis Date: <b>08/26/2022</b>	Seq No: <b>11556923</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	48.90	1.0	50.00		97.8	70	130				
3,3-Dimethyl-1-butanol	513.3	100	500.0		103	70	130				
Benzene	51.30	1.0	50.00		103	80.4	126				
Ethanol	473.7	100	500.0		94.7	70	130				

**Qualifiers:**

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2208S19

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 342171**

Sample ID: <b>LCS-342171</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>08/26/2022</b>	Run No: <b>494896</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>342171</b>	Analysis Date: <b>08/26/2022</b>	Seq No: <b>11556925</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ethyl tert-butyl ether	105.7	10	100.0		106	70	130				
Ethylbenzene	55.21	1.0	50.00		110	82.7	125				
Isopropyl ether	98.15	10	100.0		98.2	70	130				
Methyl tert-butyl ether	54.56	1.0	50.00		109	70.8	129				
Naphthalene	53.93	5.0	50.00		108	70	130				
tert-Amyl alcohol	503.4	100	500.0		101	70	130				
tert-Amyl methyl ether	107.5	10	100.0		107	70	130				
tert-Butyl Alcohol	559.1	100	500.0		112	70	130				
tert-Butyl formate	377.5	100	500.0		75.5	70	130				
Toluene	52.83	1.0	50.00		106	79.2	124				
Xylenes, Total	160.0	1.0	150.0		107	81.1	126				
Surr: 4-Bromofluorobenzene	51.47	0	50.00		103	75	118				
Surr: Dibromofluoromethane	50.60	0	50.00		101	82.5	121				
Surr: Toluene-d8	50.29	0	50.00		101	78.3	118				

Sample ID: <b>2208S19-001AMS</b>	Client ID: <b>#04785 MW-5</b>	Units: <b>ug/L</b>	Prep Date: <b>08/26/2022</b>	Run No: <b>494896</b>							
SampleType: <b>MS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>342171</b>	Analysis Date: <b>08/27/2022</b>	Seq No: <b>11556999</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	5066	100	5000		101	72.1	135				
3,3-Dimethyl-1-butanol	38820	10000	50000		77.6	60.1	130				
Benzene	7640	100	5000	2642	100.0	70.5	136				
Ethanol	35900	10000	50000		71.8	61.9	140				
Ethyl tert-butyl ether	10600	1000	10000		106	71.2	122				
Ethylbenzene	6182	100	5000	349.0	117	70	134				
Isopropyl ether	10960	1000	10000	745.0	102	71	133				
Methyl tert-butyl ether	4631	100	5000		92.6	65.7	136				
Naphthalene	6060	500	5000	241.0	116	58.6	135				

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2208S19

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 342171**

Sample ID: <b>2208S19-001AMS</b>	Client ID: <b>#04785 MW-5</b>	Units: <b>ug/L</b>	Prep Date: <b>08/26/2022</b>	Run No: <b>494896</b>							
SampleType: <b>MS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>342171</b>	Analysis Date: <b>08/27/2022</b>	Seq No: <b>11556999</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

tert-Amyl alcohol	41610	10000	50000		83.2	69.7	140				
tert-Amyl methyl ether	9306	1000	10000		93.1	70.1	126				
tert-Butyl Alcohol	46640	10000	50000		93.3	67	140				
tert-Butyl formate	35750	10000	50000		71.5	60	134				
Toluene	8390	100	5000	3525	97.3	66.4	140				
Xylenes, Total	25570	100	15000	9744	105	65.4	138				
Surr: 4-Bromofluorobenzene	5102	0	5000		102	75	118				
Surr: Dibromofluoromethane	5115	0	5000		102	82.5	121				
Surr: Toluene-d8	5140	0	5000		103	78.3	118				

Sample ID: <b>2208S19-001AMSD</b>	Client ID: <b>#04785 MW-5</b>	Units: <b>ug/L</b>	Prep Date: <b>08/26/2022</b>	Run No: <b>494896</b>							
SampleType: <b>MSD</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>342171</b>	Analysis Date: <b>08/27/2022</b>	Seq No: <b>11557000</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	4795	100	5000		95.9	72.1	135	5066	5.50	20	
3,3-Dimethyl-1-butanol	39360	10000	50000		78.7	60.1	130	38820	1.39	25.3	
Benzene	7311	100	5000	2642	93.4	70.5	136	7640	4.40	20	
Ethanol	26180	10000	50000		52.4	61.9	140	35900	31.3	29	SR
Ethyl tert-butyl ether	10450	1000	10000		105	71.2	122	10600	1.38	20	
Ethylbenzene	5912	100	5000	349.0	111	70	134	6182	4.47	20	
Isopropyl ether	10580	1000	10000	745.0	98.4	71	133	10960	3.54	20	
Methyl tert-butyl ether	4734	100	5000		94.7	65.7	136	4631	2.20	17.3	
Naphthalene	5961	500	5000	241.0	114	58.6	135	6060	1.65	22.7	
tert-Amyl alcohol	41330	10000	50000		82.7	69.7	140	41610	0.675	26.8	
tert-Amyl methyl ether	10060	1000	10000		101	70.1	126	9306	7.78	20	
tert-Butyl Alcohol	44750	10000	50000		89.5	67	140	46640	4.14	29.4	
tert-Butyl formate	35490	10000	50000		71.0	60	134	35750	0.710	18	
Toluene	8028	100	5000	3525	90.1	66.4	140	8390	4.41	20	

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2208S19

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 342171**

Sample ID: <b>2208S19-001AMSD</b>	Client ID: <b>#04785 MW-5</b>	Units: <b>ug/L</b>	Prep Date: <b>08/26/2022</b>	Run No: <b>494896</b>
SampleType: <b>MSD</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>342171</b>	Analysis Date: <b>08/27/2022</b>	Seq No: <b>11557000</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Xylenes, Total	24450	100	15000	9744	98.0	65.4	138	25570	4.46	20	
Surr: 4-Bromofluorobenzene	5107	0	5000		102	75	118	5102	0	0	
Surr: Dibromofluoromethane	5231	0	5000		105	82.5	121	5115	0	0	
Surr: Toluene-d8	5029	0	5000		101	78.3	118	5140	0	0	

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2208S19

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 342172**

Sample ID: <b>MB-342172</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>08/26/2022</b>	Run No: <b>494896</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>342172</b>	Analysis Date: <b>08/26/2022</b>	Seq No: <b>11556924</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0									
3,3-Dimethyl-1-butanol	BRL	100									
Benzene	BRL	1.0									
Ethanol	BRL	100									
Ethyl tert-butyl ether	BRL	10									
Ethylbenzene	BRL	1.0									
Isopropyl ether	BRL	10									
Methyl tert-butyl ether	BRL	1.0									
Naphthalene	BRL	5.0									
tert-Amyl alcohol	BRL	100									
tert-Amyl methyl ether	BRL	10									
tert-Butyl Alcohol	BRL	100									
tert-Butyl formate	BRL	100									
Toluene	BRL	1.0									
Xylenes, Total	BRL	1.0									
Surr: 4-Bromofluorobenzene	48.31	0	50.00		96.6	75	118				
Surr: Dibromofluoromethane	52.29	0	50.00		105	82.5	121				
Surr: Toluene-d8	50.82	0	50.00		102	78.3	118				

Sample ID: <b>LCS-342172</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>08/26/2022</b>	Run No: <b>495041</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>342172</b>	Analysis Date: <b>08/29/2022</b>	Seq No: <b>11571305</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	50.07	1.0	50.00		100	70	130				
3,3-Dimethyl-1-butanol	457.1	100	500.0		91.4	70	130				
Benzene	55.68	1.0	50.00		111	80.4	126				
Ethanol	507.6	100	500.0		102	70	130				
Ethyl tert-butyl ether	111.9	10	100.0		112	70	130				

**Qualifiers:**

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2208S19

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 342172**

Sample ID: <b>LCS-342172</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>08/26/2022</b>	Run No: <b>495041</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>342172</b>	Analysis Date: <b>08/29/2022</b>	Seq No: <b>11571305</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ethylbenzene	55.66	1.0	50.00		111	82.7	125				
Isopropyl ether	115.5	10	100.0		115	70	130				
Methyl tert-butyl ether	53.11	1.0	50.00		106	70.8	129				
Naphthalene	48.60	5.0	50.00		97.2	70	130				
tert-Amyl alcohol	482.0	100	500.0		96.4	70	130				
tert-Amyl methyl ether	110.4	10	100.0		110	70	130				
tert-Butyl Alcohol	508.3	100	500.0		102	70	130				
tert-Butyl formate	454.9	100	500.0		91.0	70	130				
Toluene	58.68	1.0	50.00		117	79.2	124				
Xylenes, Total	165.2	1.0	150.0		110	81.1	126				
Surr: 4-Bromofluorobenzene	49.86	0	50.00		99.7	75	118				
Surr: Dibromofluoromethane	48.33	0	50.00		96.7	82.5	121				
Surr: Toluene-d8	51.86	0	50.00		104	78.3	118				

Sample ID: <b>2208S19-017AMS</b>	Client ID: <b>#04785 RW-1</b>	Units: <b>ug/L</b>	Prep Date: <b>08/26/2022</b>	Run No: <b>494896</b>							
SampleType: <b>MS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>342172</b>	Analysis Date: <b>08/27/2022</b>	Seq No: <b>11557003</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	49650	1000	50000		99.3	72.1	135				
3,3-Dimethyl-1-butanol	365300	100000	500000		73.1	60.1	130				
Benzene	67120	1000	50000	15450	103	70.5	136				
Ethanol	150500	100000	500000		30.1	61.9	140				S
Ethyl tert-butyl ether	107600	10000	100000		108	71.2	122				
Ethylbenzene	64280	1000	50000	3948	121	70	134				
Isopropyl ether	108700	10000	100000	4080	105	71	133				
Methyl tert-butyl ether	50860	1000	50000	1287	99.1	65.7	136				
Naphthalene	59240	5000	50000	555.0	117	58.6	135				
tert-Amyl alcohol	400800	100000	500000	30730	74.0	69.7	140				

**Qualifiers:**

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2208S19

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 342172**

Sample ID: <b>2208S19-017AMS</b>	Client ID: <b>#04785 RW-1</b>	Units: <b>ug/L</b>	Prep Date: <b>08/26/2022</b>	Run No: <b>494896</b>							
SampleType: <b>MS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>342172</b>	Analysis Date: <b>08/27/2022</b>	Seq No: <b>11557003</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

tert-Amyl methyl ether	103900	10000	100000	463.0	103	70.1	126				
tert-Butyl Alcohol	412200	100000	500000	7199	81.0	67	140				
tert-Butyl formate	410900	100000	500000		82.2	60	134				
Toluene	97880	1000	50000	38980	118	66.4	140				
Xylenes, Total	194500	1000	150000	20800	116	65.4	138				
Surr: 4-Bromofluorobenzene	50720	0	50000		101	75	118				
Surr: Dibromofluoromethane	49950	0	50000		99.9	82.5	121				
Surr: Toluene-d8	50540	0	50000		101	78.3	118				

Sample ID: <b>2208S19-017AMSD</b>	Client ID: <b>#04785 RW-1</b>	Units: <b>ug/L</b>	Prep Date: <b>08/26/2022</b>	Run No: <b>494896</b>							
SampleType: <b>MSD</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>342172</b>	Analysis Date: <b>08/27/2022</b>	Seq No: <b>11557005</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	48670	1000	50000		97.3	72.1	135	49650	1.99	20	
3,3-Dimethyl-1-butanol	385600	100000	500000		77.1	60.1	130	365300	5.40	25.3	
Benzene	64110	1000	50000	15450	97.3	70.5	136	67120	4.59	20	
Ethanol	412400	100000	500000		82.5	61.9	140	150500	93.1	29	R
Ethyl tert-butyl ether	104000	10000	100000		104	71.2	122	107600	3.37	20	
Ethylbenzene	61320	1000	50000	3948	115	70	134	64280	4.71	20	
Isopropyl ether	104300	10000	100000	4080	100	71	133	108700	4.18	20	
Methyl tert-butyl ether	49560	1000	50000	1287	96.5	65.7	136	50860	2.59	17.3	
Naphthalene	57990	5000	50000	555.0	115	58.6	135	59240	2.13	22.7	
tert-Amyl alcohol	416900	100000	500000	30730	77.2	69.7	140	400800	3.94	26.8	
tert-Amyl methyl ether	102600	10000	100000	463.0	102	70.1	126	103900	1.28	20	
tert-Butyl Alcohol	447500	100000	500000	7199	88.1	67	140	412200	8.21	29.4	
tert-Butyl formate	394800	100000	500000		79.0	60	134	410900	4.00	18	
Toluene	93740	1000	50000	38980	110	66.4	140	97880	4.32	20	
Xylenes, Total	188800	1000	150000	20800	112	65.4	138	194500	2.94	20	

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2208S19

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 342172**

Sample ID: **2208S19-017AMSD** Client ID: **#04785 RW-1** Units: **ug/L** Prep Date: **08/26/2022** Run No: **494896**  
 SampleType: **MSD** TestCode: **Volatile Organic Compounds SW8260D** BatchID: **342172** Analysis Date: **08/27/2022** Seq No: **11557005**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	50040	0	50000		100	75	118	50720	0	0	
Surr: Dibromofluoromethane	50680	0	50000		101	82.5	121	49950	0	0	
Surr: Toluene-d8	50690	0	50000		101	78.3	118	50540	0	0	

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2208S19

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 342223**

Sample ID: <b>MB-342223</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>08/29/2022</b>	Run No: <b>495387</b>							
SampleType: <b>MBLK</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>342223</b>	Analysis Date: <b>08/31/2022</b>	Seq No: <b>11571405</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane BRL 0.020  
 Surr: 4-Bromofluorobenzene 5.478 0 5.000 110 70 130

Sample ID: <b>LCS-342223</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>08/29/2022</b>	Run No: <b>495387</b>							
SampleType: <b>LCS</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>342223</b>	Analysis Date: <b>08/31/2022</b>	Seq No: <b>11571406</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.1000 0.020 0.1000 100 60 140  
 Surr: 4-Bromofluorobenzene 5.429 0 5.000 109 70 130

Sample ID: <b>LCSD-342223</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>08/29/2022</b>	Run No: <b>495387</b>							
SampleType: <b>LCSD</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>342223</b>	Analysis Date: <b>08/31/2022</b>	Seq No: <b>11571407</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.09600 0.020 0.1000 96.0 60 140 0.1000 4.08 15.6  
 Surr: 4-Bromofluorobenzene 5.475 0 5.000 110 70 130 5.429 0 0

Sample ID: <b>2208S19-010BMS</b>	Client ID: <b>#04785 MW-19</b>	Units: <b>ug/L</b>	Prep Date: <b>08/29/2022</b>	Run No: <b>495387</b>							
SampleType: <b>MS</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>342223</b>	Analysis Date: <b>08/31/2022</b>	Seq No: <b>11571421</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.08140 0.020 0.0993 82.0 67.7 130  
 Surr: 4-Bromofluorobenzene 5.495 0 4.963 111 69.7 138

Sample ID: <b>2208S19-016BDUP</b>	Client ID: <b>#04785 MW-25</b>	Units: <b>ug/L</b>	Prep Date: <b>08/29/2022</b>	Run No: <b>495387</b>							
SampleType: <b>DUP</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>342223</b>	Analysis Date: <b>08/31/2022</b>	Seq No: <b>11571429</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane BRL 0.020 0 0 30

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2208S19

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 342223**

Sample ID: <b>2208S19-016BDUP</b>	Client ID: <b>#04785 MW-25</b>	Units: <b>ug/L</b>	Prep Date: <b>08/29/2022</b>	Run No: <b>495387</b>
SampleType: <b>DUP</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>342223</b>	Analysis Date: <b>08/31/2022</b>	Seq No: <b>11571429</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	5.782	0	5.040		115	69.7	138	5.494	0	0	

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2208S19

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 342224**

Sample ID: <b>MB-342224</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>08/29/2022</b>	Run No: <b>495386</b>							
SampleType: <b>MBLK</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>342224</b>	Analysis Date: <b>08/31/2022</b>	Seq No: <b>11571365</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane BRL 0.020  
 Surr: 4-Bromofluorobenzene 4.932 0 5.000 98.6 70 130

Sample ID: <b>LCS-342224</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>08/29/2022</b>	Run No: <b>495386</b>							
SampleType: <b>LCS</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>342224</b>	Analysis Date: <b>08/31/2022</b>	Seq No: <b>11571366</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.08200 0.020 0.1000 82.0 60 140  
 Surr: 4-Bromofluorobenzene 4.807 0 5.000 96.1 70 130

Sample ID: <b>LCSD-342224</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>08/29/2022</b>	Run No: <b>495386</b>							
SampleType: <b>LCSD</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>342224</b>	Analysis Date: <b>08/31/2022</b>	Seq No: <b>11571367</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.07700 0.020 0.1000 77.0 60 140 0.08200 6.29 15.6  
 Surr: 4-Bromofluorobenzene 4.775 0 5.000 95.5 70 130 4.807 0 0

Sample ID: <b>2208S19-028BMS</b>	Client ID: <b>#04785 DUP-1</b>	Units: <b>ug/L</b>	Prep Date: <b>08/29/2022</b>	Run No: <b>495386</b>							
SampleType: <b>MS</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>342224</b>	Analysis Date: <b>08/31/2022</b>	Seq No: <b>11571380</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.08411 0.020 0.1013 83.0 67.7 130  
 Surr: 4-Bromofluorobenzene 5.240 0 5.067 103 69.7 138

Sample ID: <b>2208S19-024BDUP</b>	Client ID: <b>#04785 SW-3</b>	Units: <b>ug/L</b>	Prep Date: <b>08/29/2022</b>	Run No: <b>495386</b>							
SampleType: <b>DUP</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>342224</b>	Analysis Date: <b>08/31/2022</b>	Seq No: <b>11571375</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane BRL 0.020 0 0 30

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

Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Workorder: 2208S19

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 342224

Sample ID: 2208S19-024BDUP	Client ID: #04785 SW-3	Units: ug/L	Prep Date: 08/29/2022	Run No: 495386
SampleType: DUP	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 342224	Analysis Date: 08/31/2022	Seq No: 11571375

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	5.187	0	5.086		102	69.7	138	5.136	0	0	

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



End of Report

Water Quality Meter Calibration Sheet

Project: Quick Pantry 19

Personnel : Gary Long

Calibration Date : 8-23-22

Time : 1100

Meter Horiba U-52

Serial # W22MV13L

pH= 4.01 (100-4 Standard Solution)

Spec. Cond. = 4.54 mS/cm (100-4 Standard Solution)

Turb. = 0 NTU(100-4 Standard Solution)

D.O. = 7.11 mg/L (Air)

Signature 

Water Quality Meter Calibration Sheet

Project: Quick Party 19

Personnel : Gary Lars

Calibration Date : 8-24-22

Time : 820

Meter Horiba U-52

Serial # W22MV13L

pH= 4.01 (100-4 Standard Solution)

Spec. Cond. = 4.54 mS/cm (100-4 Standard Solution)

Turb. = 0 NTU(100-4 Standard Solution)

D.O. = 7.10 mg/L (Air)

Signature XJy Ly



South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/24/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW- 1

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143*(D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD) 28.5 ft.  
 Depth to GW (DWG) \_\_\_\_\_ ft.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: ~~19.61~~

FP- 19.61- 19.82

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/24/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW- 2

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) 30 ft.

Depth to GW (DWG) \_\_\_\_\_ ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: 11:00

FP- 19.68- 19.72

not enough product + water for p.c

South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) <u>8/24/22</u> Field Personnel <u>G. Long &amp; G. Robinson</u> General Weather Condition <u>p/cloudy</u> Ambient Air Temperature <u>90°</u> Facility Name <u>Quick Pantry # 19</u> Site ID# <u>04785</u>  <p style="text-align: center;"><b>Quality Assurance:</b></p> Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.	<b>Well #</b> <u>MW-3</u>  Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652 Total Well Depth (TWD) <u>20</u> ft. Depth to GW (DWG) _____ ft.  Length of Water Column (LWC=TWD-DGW) _____ ft.  1 Csg. Volume (LWC*C)= _____ x <u>.163</u> = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)  Total Volume of Water Purged Before Sampling _____ gals.
---	---

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: Dry



South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/24/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW-4

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) \_\_\_\_\_ ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: ~~19.55~~

FP - 19.55 - 19.75

South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/24/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW-5 Dup-2

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) 20 ft.  
 Depth to GW (DWG) 18.26 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>18.26</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>945</u>
Water Temp (°F)								<u>71.5</u>
pH (s.u.)								<u>5.16</u>
Specific Cond. (mS/cm)								<u>.284</u>
Turbidity (NTU)								<u>117</u>
Dissolved Oxygen (mg/L)								<u>1.56</u>
Salinity								<u>.1</u>
OVA								<u>-</u>

Sample Time: 945 Dup-2

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/24/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW-6

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) 15.98 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>15.98</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>930</u>
Water Temp (°F)								<u>71.0</u>
pH (s.u.)								<u>5.62</u>
Specific Cond. (mS/cm)								<u>.270</u>
Turbidity (NTU)								<u>2.4</u>
Dissolved Oxygen (mg/L)								<u>1.52</u>
Salinity								<u>.7</u>
OVA								<u>-</u>

Sample Time: 930



South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/24/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW-7 Dup-1

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143*(D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 18 ft.

Depth to GW (DWG) 13.47 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>13.47</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>915</u>
Water Temp (°F)								<u>70.9</u>
pH (s.u.)								<u>5.66</u>
Specific Cond. (mS/cm)								<u>.279</u>
Turbidity (NTU)								<u>1.2</u>
Dissolved Oxygen (mg/L)								<u>1.57</u>
Salinity								<u>.1</u>
OVA								<u>-</u>

Sample Time: 915 Dup-1-920

South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/24/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW- 8

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet

conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) \_\_\_\_\_ ft.

Length of Water Column (LWC=TWD-DWG) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: ~~8:00~~ FD - 13.24 - 14.32

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/24/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW-9

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) 17.5 ft.

Depth to GW (DWG) \_\_\_\_\_ ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: ~~8:45~~ FP - 13.55 - 13.66



South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8 / 23 / 22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW- 10

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet

conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 12 ft.

Depth to GW (DWG) 6.43 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>6.43</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1635</u>
Water Temp (°F)								<u>72.0</u>
pH (s.u.)								<u>5.63</u>
Specific Cond. (mS/cm)								<u>.512</u>
Turbidity (NTU)								<u>1.7</u>
Dissolved Oxygen (mg/L)								<u>1.66</u>
Salinity								<u>.2</u>
OVA								<u>-</u>

Sample Time: 1635

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/23/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW-11

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD) 14 ft.  
 Depth to GW (DWG) 8.95 ft.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>8.95</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1605</u>
Water Temp (°F)								<u>69.2</u>
pH (s.u.)								<u>5.81</u>
Specific Cond. (mS/cm)								<u>1.761</u>
Turbidity (NTU)								<u>3.6</u>
Dissolved Oxygen (mg/L)								<u>1.66</u>
Salinity								<u>1.4</u>
OVA								<u>-</u>

Sample Time: 1605

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8 / 23 / 22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW- 12

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet

conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 17 ft.

Depth to GW (DWG) \_\_\_\_\_ ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: ~~12:19~~ FP- 12.19 - 12.78



South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/23/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW-13

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) \_\_\_\_\_ ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: ~~10:46~~

FP - 10.46 - 11.44

South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) <u>8 / 23 / 22</u> Field Personnel <u>G. Long &amp; G. Robinson</u> General Weather Condition <u>p/cloudy</u> Ambient Air Temperature <u>90°</u> Facility Name <u>Quick Pantry # 19</u> Site ID# <u>04785</u>  <p style="text-align: center;"><b>Quality Assurance:</b></p> Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.	Well # <u>MW-14</u>  Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652 Total Well Depth (TWD) <u>15</u> ft. Depth to GW (DWG) _____ ft.  Length of Water Column (LWC=TWD-DGW) _____ ft.  1 Csg. Volume (LWC*C)= _____ x <u>.163</u> = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)  Total Volume of Water Purged Before Sampling _____ gals.
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	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: ~~1715~~ FP - 10.31-11.18

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8 / 23 / 22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW-15

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) 15 ft.  
 Depth to GW (DWG) 9.41 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>9.41</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1145</u>
Water Temp (°F)								<u>70.6</u>
pH (s.u.)								<u>6.46</u>
Specific Cond. (mS/cm)								<u>2.595</u>
Turbidity (NTU)								<u>1.7</u>
Dissolved Oxygen (mg/L)								<u>1.54</u>
Salinity								<u>.3</u>
OVA								<u>-</u>

Sample Time: 1145



South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8 / 23 / 22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW-16

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 9.29 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								9.29
Volume Purged (gallons)								0
Time (military)								1200
Water Temp (°F)								70.6
pH (s.u.)								6.37
Specific Cond. (mS/cm)								.472
Turbidity (NTU)								2.3
Dissolved Oxygen (mg/L)								1.62
Salinity								.2
OVA								-

Sample Time: 1200

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/23/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW-17

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet

conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 13 ft.

Depth to GW (DWG) 5.48 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>5.48</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1435</u>
Water Temp (°F)								<u>75.6</u>
pH (s.u.)								<u>5.77</u>
Specific Cond. (mS/cm)								<u>1405</u>
Turbidity (NTU)								<u>2.6</u>
Dissolved Oxygen (mg/L)								<u>1.63</u>
Salinity								<u>.2</u>
OVA								<u>-</u>

Sample Time: 1435

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/23/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW- 18

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) 14 ft.  
 Depth to GW (DWG) 8.07 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>8.07</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1505</u>
Water Temp (°F)								<u>75.5</u>
pH (s.u.)								<u>6.13</u>
Specific Cond. (mS/cm)								<u>.719</u>
Turbidity (NTU)								<u>2.7</u>
Dissolved Oxygen (mg/L)								<u>1.54</u>
Salinity								<u>.3</u>
OVA								<u>-</u>

Sample Time: 1505



South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/23/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW-19

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet

conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 10.83 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>10.83</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1520</u>
Water Temp (°F)								<u>73.6</u>
pH (s.u.)								<u>6.31</u>
Specific Cond. (mS/cm)								<u>.451</u>
Turbidity (NTU)								<u>2.6</u>
Dissolved Oxygen (mg/L)								<u>1.52</u>
Salinity								<u>.2</u>
OVA								<u>-</u>

Sample Time: 1520

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8 / 23 / 22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW- 20

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet

conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 13 ft.

Depth to GW (DWG) 6.89 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>6.89</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1405</u>
Water Temp (°F)								<u>70.3</u>
pH (s.u.)								<u>5.38</u>
Specific Cond. (mS/cm)								<u>.328</u>
Turbidity (NTU)								<u>2.7</u>
Dissolved Oxygen (mg/L)								<u>1.65</u>
Salinity								<u>.2</u>
OVA								<u>-</u>

Sample Time: 1405

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/23/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW-21

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet

conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 9.63 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW	<u>9.63</u>							<u>9.63</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1130</u>
Water Temp (°F)								<u>70.1</u>
pH (s.u.)								<u>6.96</u>
Specific Cond. (mS/cm)								<u>0.475</u>
Turbidity (NTU)								<u>44.3</u>
Dissolved Oxygen (mg/L)								<u>1.72</u>
Salinity								<u>0.2</u>
OVA								<u>/</u>

Sample Time: 1130



South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/23/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW-22

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 10.50 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>10.50</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1300</u>
Water Temp (°F)								<u>73.8</u>
pH (s.u.)								<u>6.02</u>
Specific Cond. (mS/cm)								<u>0.387</u>
Turbidity (NTU)								<u>21.8</u>
Dissolved Oxygen (mg/L)								<u>1.69</u>
Salinity								<u>0.2</u>
OVA								<u>—</u>

Sample Time: 1300

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8 / 23 / 22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW-23

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet

conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 12.34 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>12.34</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1330</u>
Water Temp (°F)								<u>76.1</u>
pH (s.u.)								<u>5.85</u>
Specific Cond. (mS/cm)								<u>.208</u>
Turbidity (NTU)								<u>6.1</u>
Dissolved Oxygen (mg/L)								<u>1.43</u>
Salinity								<u>.1</u>
OVA								<u>-</u>

Sample Time: 1330

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/23/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW-24

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet

conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 12.68 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>12.68</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1315</u>
Water Temp (°F)								<u>71.5</u>
pH (s.u.)								<u>5.92</u>
Specific Cond. (mS/cm)								<u>0.226</u>
Turbidity (NTU)								<u>49.6</u>
Dissolved Oxygen (mg/L)								<u>1.68</u>
Salinity								<u>0.1</u>
OVA								<u>/</u>

Sample Time: 1315



South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/23/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # MW- 25

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) 16 ft.  
 Depth to GW (DWG) 10.16 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>10.16</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1550</u>
Water Temp (°F)								<u>70.5</u>
pH (s.u.)								<u>5.84</u>
Specific Cond. (mS/cm)								<u>.586</u>
Turbidity (NTU)								<u>3.4</u>
Dissolved Oxygen (mg/L)								<u>1.62</u>
Salinity								<u>.3</u>
OVA								<u>-</u>

Sample Time: 1550

South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/24/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # ~~NEW~~ Rw-1

Well Diameter(D) 4 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) 20 ft.  
 Depth to GW (DWG) 19.69 ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								<u>19.69</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1030</u>
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: 1030

Not Enough water for a reading

South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/24/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # ~~MW~~ Rw-2  
 Well Diameter(D) 4 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD) 20 ft.  
 Depth to GW (DWG) \_\_\_\_\_ ft.  
 Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.  
 1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)  
 Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time:

Dry



South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/24/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # ~~019~~ RW-3

Well Diameter(D) 4 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) 20 ft.  
 Depth to GW (DWG) \_\_\_\_\_ ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time:

FP - 19.65 - 19.67

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8 / 23 / 22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # ~~1000~~ Dw-1

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) 45 ft.  
 Depth to GW (DWG) 21.07 ft.

Length of Water Column (LWC=TWD-DGW) 23.93 ft.

1 Csg. Volume (LWC\*C)= 23.93 x .163 = 3.9 gals.  
 3 Csg. Volumes = 3 x 3.9 = 11.7 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 12 gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW	<u>21.07</u>	<u>43.71</u>	<u>43.93</u>	<u>44.07</u>				
Volume Purged (gallons)	<u>0</u>	<u>4</u>	<u>8</u>	<u>12</u>				
Time (military)	<u>1750</u>	<u>1755</u>	<u>1800</u>	<u>1805</u>				
Water Temp (°F)	<u>72.8</u>	<u>71.0</u>	<u>70.6</u>	<u>70.1</u>				
pH (s.u.)	<u>6.06</u>	<u>5.53</u>	<u>5.44</u>	<u>5.38</u>				
Specific Cond. (mS/cm)	<u>.288</u>	<u>.304</u>	<u>.299</u>	<u>.293</u>				
Turbidity (NTU)	<u>1.6</u>	<u>46.7</u>	<u>8.8</u>	<u>3.4</u>				
Dissolved Oxygen (mg/L)	<u>1.61</u>	<u>1.56</u>	<u>1.53</u>	<u>1.57</u>				
Salinity	<u>.1</u>	<u>.1</u>	<u>.1</u>	<u>.1</u>				
OVA	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>				

Sample Time: 1805

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/23/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # ~~0119~~ Dw-2

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) 40 ft.  
 Depth to GW (DWG) 11.38 ft.

Length of Water Column (LWC=TWD-DWG) 28.62 ft.

1 Csg. Volume (LWC\*C) = 28.62 x .163 = 4.6 gals.  
 3 Csg. Volumes = 3 x 4.6 = 13.9 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 14 gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW	<u>11.38</u>	<u>37.41</u>	<u>37.57</u>	<u>37.64</u>				
Volume Purged (gallons)	<u>0</u>	<u>4.5</u>	<u>9</u>	<u>14</u>				
Time (military)	<u>1715</u>	<u>1720</u>	<u>1725</u>	<u>1730</u>				
Water Temp (°F)	<u>71.6</u>	<u>69.6</u>	<u>69.0</u>	<u>68.4</u>				
pH (s.u.)	<u>6.20</u>	<u>6.14</u>	<u>6.09</u>	<u>6.02</u>				
Specific Cond. (mS/cm)	<u>.276</u>	<u>.284</u>	<u>.291</u>	<u>.297</u>				
Turbidity (NTU)	<u>3.2</u>	<u>1.16</u>	<u>8.7</u>	<u>4.1</u>				
Dissolved Oxygen (mg/L)	<u>1.61</u>	<u>1.66</u>	<u>1.58</u>	<u>1.56</u>				
Salinity	<u>.1</u>	<u>.1</u>	<u>.1</u>	<u>.1</u>				
OVA	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>				

Sample Time: 1730



South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/23/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition -p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # ~~MW~~ Dw-3

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143*(D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) 40 ft.  
 Depth to GW (DWG) 10.47 ft.

Length of Water Column (LWC=TWD-DGW) 29.53 ft.

1 Csg. Volume (LWC\*C)= 29.53 x .163 = 4.8 gals.  
 3 Csg. Volumes = 3 x 4.8 = 14.4 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 14.5 gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW	10.47	37.21	37.39	37.52				
Volume Purged (gallons)	0	5	10	14.5				
Time (military)	1640	1645	1650	1655				
Water Temp (°F)	73.8	71.5	70.6	70.1				
pH (s.u.)	6.49	6.49	6.36	6.28				
Specific Cond. (mS/cm)	.190	.215	.222	.226				
Turbidity (NTU)	2.4	73.7	9.5	3.8				
Dissolved Oxygen (mg/L)	1.69	1.61	1.55	1.49				
Salinity	.1	.1	.1	.1				
OVA	—	—	—	—				

Sample Time: 1655

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8/23/22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # DW MW-4

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652  
 Total Well Depth (TWD) 25 ft.  
 Depth to GW (DWG) 11.59 ft.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Length of Water Column (LWC=TWD-DGW) 13.41 ft.

1 Csg. Volume (LWC\*C) = 13.41 x .163 = 2.1 gals.  
 3 Csg. Volumes = 3 x 2.1 = 6.3 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 6.5 gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW	<u>11.59</u>	<u>22.86</u>	<u>23.03</u>	<u>23.20</u>				
Volume Purged (gallons)	<u>0</u>	<u>2</u>	<u>4</u>	<u>6.5</u>				
Time (military)	<u>1335</u>	<u>1340</u>	<u>1345</u>	<u>1350</u>				
Water Temp (°F)	<u>70.6</u>	<u>67.9</u>	<u>67.3</u>	<u>66.8</u>				
pH (s.u.)	<u>5.75</u>	<u>5.59</u>	<u>5.47</u>	<u>5.41</u>				
Specific Cond. (mS/cm)	<u>1.252</u>	<u>.257</u>	<u>.262</u>	<u>.266</u>				
Turbidity (NTU)	<u>1.0</u>	<u>77.3</u>	<u>9.4</u>	<u>2.8</u>				
Dissolved Oxygen (mg/L)	<u>1.58</u>	<u>1.62</u>	<u>1.59</u>	<u>1.54</u>				
Salinity	<u>.1</u>	<u>.1</u>	<u>.1</u>	<u>.1</u>				
OVA	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>				

Sample Time: 1350

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8 / / 22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # ~~04785~~ SW-1

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) \_\_\_\_\_ ft.

Depth to GW (DWG) \_\_\_\_\_ ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								0
Time (military)								1620
Water Temp (°F)								74.8
pH (s.u.)								6.14
Specific Cond. (mS/cm)								.114
Turbidity (NTU)								8.2
Dissolved Oxygen (mg/L)								1.54
Salinity								.1
OVA								-

Sample Time: 1620



South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8 / / 22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # ~~SW-1~~ SW-2

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) \_\_\_\_\_ ft.  
 Depth to GW (DWG) \_\_\_\_\_ ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1535</u>
Water Temp (°F)								<u>78.1</u>
pH (s.u.)								<u>6.38</u>
Specific Cond. (mS/cm)								<u>.177</u>
Turbidity (NTU)								<u>3.7</u>
Dissolved Oxygen (mg/L)								<u>1.53</u>
Salinity								<u>.1</u>
OVA								<u>—</u>

Sample Time: 1535

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8 / / 22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # ~~001~~ SW-3

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet

conversion factor(C):  $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) \_\_\_\_\_ ft.

Depth to GW (DWG) \_\_\_\_\_ ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.

3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1450</u>
Water Temp (°F)								<u>78.0</u>
pH (s.u.)								<u>6.20</u>
Specific Cond. (mS/cm)								<u>.232</u>
Turbidity (NTU)								<u>3.1</u>
Dissolved Oxygen (mg/L)								<u>1.62</u>
Salinity								<u>&lt;1</u>
OVA								<u>-</u>

Sample Time: 1450

South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8 / / 22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # ~~000~~ SW-4

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) \_\_\_\_\_ ft.  
 Depth to GW (DWG) \_\_\_\_\_ ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								0
Time (military)								1420
Water Temp (°F)								76.7
pH (s.u.)								5.99
Specific Cond. (mS/cm)								.178
Turbidity (NTU)								5.6
Dissolved Oxygen (mg/L)								6.72
Salinity								.1
OVA								-

Sample Time: 1420



South Carolina Department of Health and Environmental Control  
 Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8 / / 22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # ~~SW-4~~ SW-5

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) \_\_\_\_\_ ft.  
 Depth to GW (DWG) \_\_\_\_\_ ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								0
Time (military)								1230
Water Temp (°F)								76.1
pH (s.u.)								6.69
Specific Cond. (mS/cm)								1.065
Turbidity (NTU)								6.2
Dissolved Oxygen (mg/L)								1.64
Salinity								0
OVA								-

Sample Time: 1230

South Carolina Department of Health and Environmental Control  
Bureau of Underground Storage Tank Management  
**Field Data Information Sheet for Ground Water Sampling**

Date (mm/dd/yy) 8 / / 22  
 Field Personnel G. Long & G. Robinson  
 General Weather Condition p/cloudy  
 Ambient Air Temperature 90°  
 Facility Name Quick Pantry # 19  
 Site ID# 04785

Well # ~~4785~~ SW-6

Well Diameter(D) 2 Inches or \_\_\_\_\_ feet  
 conversion factor(C):  $3.143 \cdot (D/2)^2$   
 for a 2 inch well C=0.163  
 4 inch well C=0.652

Total Well Depth (TWD) \_\_\_\_\_ ft.  
 Depth to GW (DWG) \_\_\_\_\_ ft.

Length of Water Column (LWC=TWD-DGW) \_\_\_\_\_ ft.

1 Csg. Volume (LWC\*C)= \_\_\_\_\_ x .163 = \_\_\_\_\_ gals.  
 3 Csg. Volumes = 3 x \_\_\_\_\_ = \_\_\_\_\_ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling \_\_\_\_\_ gals.

**Quality Assurance:**

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 <sup>st</sup> vol.	2 <sup>nd</sup> vol.	3 <sup>rd</sup> vol.	4 <sup>th</sup> vol.	5 <sup>th</sup> vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1245</u>
Water Temp (°F)								<u>74.6</u>
pH (s.u.)								<u>6.75</u>
Specific Cond. (mS/cm)								<u>.214</u>
Turbidity (NTU)								<u>2.5</u>
Dissolved Oxygen (mg/L)								<u>1.79</u>
Salinity								<u>.1</u>
OVA								<u>-</u>

Sample Time: 1245

## APPENDIX C

### Tax Map / Regional Geology



## APPENDIX D

### Field Screening Logs

## APPENDIX E

### Well Logs

## APPENDIX F

### Aquifer Calculations



**Appendix F**  
**Historical Ground Water Levels**  
**Quick Pantry # 19**  
**Greenwood, SC**

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-1	8/25/21	623.56	X-28.5	17.06	17.75	0.69	FP
	9/1/21			17.35	18.02	0.67	FP
	10/12/21			18.10	19.29	1.19	FP
	5/4/22			15.29	15.40	0.11	FP
	7/25/22			--	18.38	--	605.18
	8/24/22			19.61	19.82	0.21	FP
MW-2	8/25/21	623.38	10-20	17.03	18.36	1.33	FP
	9/1/21			17.32	18.51	1.19	FP
	10/12/21			18.03	19.32	1.29	FP
	5/4/22			--	15.04	--	608.34
	7/25/22			--	18.55	--	604.83
	8/24/22			19.68	19.72	0.04	FP
MW-3	8/25/21	625.10	10-20	18.31	18.35	0.04	FP
	9/1/21			18.51	18.56	0.05	FP
	10/12/21			19.42	19.47	0.05	FP
	5/4/22			--	16.12	--	608.98
	7/25/22			--	19.46	--	605.64
	8/24/22			--	DRY	--	DRY
MW-4	8/25/21	623.30	10-20	16.98	18.98	2.0	FP
	9/1/21			17.18	19.19	2.01	FP
	10/12/21			18.16	19.49	1.33	FP
	5/4/22			--	15.22	--	608.08
	7/25/22			18.61	18.79	0.18	FP
	8/24/22			19.55	19.75	0.20	FP
MW-5	8/25/21	622.12	10-20	15.27	17.73	2.46	FP
	9/1/21			15.38	17.92	2.54	FP
	10/12/21			16.48	18.27	1.79	FP
	5/4/22			13.67	13.82	0.15	FP
	7/25/22			--	17.08	--	605.04
	8/24/22			--	18.26	--	603.86
MW-6	8/25/21	622.84	10-20	--	14.35	--	608.49
	9/1/21			--	14.49	--	608.35
	10/12/21			--	14.83	--	608.01
	5/4/22			--	13.21	--	609.63
	7/25/22			--	15.04	--	607.80
	8/24/22			--	15.98	--	606.86
MW-7	8/25/21	614.92	8-18	11.45	11.92	0.47	FP
	9/1/21			11.59	11.87	0.28	FP
	10/12/21			12.23	12.25	0.02	FP
	5/4/22			--	8.98	--	605.94
	7/25/22			--	12.42	--	602.50
	8/24/22			--	13.47	--	601.45
MW-8	8/25/21	615.10	5-15	10.45	13.53	3.08	FP
	9/1/21			10.63	13.89	3.26	FP
	10/12/21			11.70	13.36	1.66	FP
	5/4/22			8.20	10.24	2.04	FP
	7/25/22			12.11	13.17	1.06	FP
	8/24/22			13.24	14.32	1.08	FP

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	GW Elevation
MW-9	8/25/21	615.58	7.5-17.5	11.03	11.09	0.06	FP
	9/1/21			11.32	11.36	0.04	FP
	10/12/21			11.71	11.82	0.11	FP
	5/4/22			--	8.21	--	607.37
	7/25/22			--	12.33	--	603.25
	8/24/22			13.55	13.66	0.11	FP
MW-10	8/25/21	608.68	2-12	--	3.62	--	605.06
	9/1/21			--	4.08	--	604.60
	10/12/21			--	4.52	--	604.16
	5/5/22			--	1.03	--	607.65
	7/25/22			--	5.08	--	603.60
	8/23/22			--	6.43	--	602.25
MW-11	8/25/21	606.78	4-14	--	6.76	--	600.02
	9/1/21			--	7.06	--	599.72
	10/12/21			--	7.34	--	599.44
	5/5/22			--	3.03	--	603.75
	7/25/22			--	7.86	--	598.92
	8/23/22			--	8.95	--	597.83
MW-12	8/25/21	611.62	7-17	10.30	10.49	0.19	FP
	9/1/21			10.39	10.95	0.56	FP
	10/12/21			10.31	13.45	3.14	FP
	5/4/22			7.22	8.41	1.19	FP
	7/25/22			11.18	11.59	0.41	FP
	8/23/22			12.19	12.78	0.59	FP
MW-13	8/25/21	610.45	5-15	7.91	11.18	3.21	FP
	9/1/21			8.08	11.22	3.14	FP
	10/12/21			9.06	10.99	1.93	FP
	5/4/22			--	6.04	--	604.41
	7/25/22			9.66	9.69	0.03	FP
	8/23/22			10.46	11.44	0.98	FP
MW-14	8/25/21	608.36	5-15	8.01	10.38	2.37	FP
	9/1/21			8.07	10.32	2.25	FP
	10/12/21			9.12	9.93	0.81	FP
	5/5/22			6.02	6.18	0.16	FP
	7/25/22			9.40	9.81	0.41	FP
	8/23/22			10.31	11.18	0.87	FP
MW-15	9/1/21	610.20	5-15	--	7.89	--	602.31
	10/12/21			--	8.09	--	602.11
	5/5/22			--	6.34	--	603.86
	7/25/22			--	8.54	--	601.66
	8/23/22			--	9.41	--	600.79
MW-16	9/1/21	605.95	5-15	--	7.78	--	598.17
	10/12/21			--	8.23	--	597.72
	5/5/22			--	5.56	--	600.39
	7/25/22			--	8.39	--	597.56
	8/23/22			--	9.29	--	596.66
MW-17	8/25/21	601.53	3-13	3.78	3.81	0.03	FP
	9/1/21			3.94	3.99	0.05	FP
	10/12/21			--	4.47	--	597.06
	5/5/22			--	0.13	--	601.40
	7/25/22			--	4.49	--	597.04
	8/23/22			--	5.48	--	596.05
MW-18	8/25/21	604.03	4-14	6.27	6.31	0.04	FP
	9/1/21			6.37	6.42	0.05	FP
	10/12/21			4.14	13.63	9.49	FP
	5/5/22			2.93	3.11	0.18	FP
	7/25/22			--	7.03	--	597.00
	8/23/22			--	8.07	--	595.96

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-19	9/1/21	605.81	5-15	--	9.07	--	596.74
	10/12/21			--	9.46	--	596.35
	5/5/22			--	5.03	--	600.78
	7/25/22			--	9.21	--	596.60
	8/23/22			--	10.83	--	594.98
MW-20	9/1/21	601.51	3-13	--	5.41	--	596.10
	10/12/21			--	6.08	--	595.43
	5/4/22			--	1.72	--	599.79
	7/25/22			--	5.92	--	595.59
	8/23/22			--	6.89	--	594.62
MW-21	9/1/21	604.50	5-15	--	8.91	--	595.59
	10/12/21			--	8.68	--	595.82
	5/5/22			--	6.74	--	597.76
	7/25/22			--	9.38	--	595.12
	8/23/22			--	9.63	--	594.87
MW-22	9/1/21	600.57	5-15	--	8.81	--	591.76
	10/12/21			--	9.38	--	591.19
	5/4/22			--	5.04	--	595.53
	7/25/22			--	9.54	--	591.03
	8/23/22			--	10.50	--	590.07
MW-23	9/1/21	602.51	5-15	--	10.71	--	591.80
	10/12/21			--	11.26	--	591.25
	5/4/22			--	6.64	--	595.87
	7/25/22			--	11.35	--	591.16
	8/23/22			--	12.34	--	590.17
MW-24	9/1/21	602.73	5-15	--	11.60	--	591.13
	10/12/21			--	11.60	--	591.13
	5/4/22			--	6.96	--	595.77
	7/25/22			--	11.69	--	591.04
	8/23/22			--	12.68	--	590.05
MW-25	8/25/21	606.98	6-16	--	8.23	--	598.75
	9/1/21			--	8.31	--	598.67
	10/12/21			--	8.72	--	598.26
	5/5/22			--	4.15	--	602.83
	7/25/22			--	9.08	--	597.90
	8/23/22			--	10.16	--	596.82
RW-1	9/1/21	624.54	10-20	18.35	19.22	0.87	<b>FP</b>
	10/12/21			19.20	19.66	0.46	<b>FP</b>
	5/4/22			15.97	16.34	0.37	<b>FP</b>
	7/25/22			19.23	19.66	0.43	<b>FP</b>
	8/24/22			--	19.69	--	604.85
RW-2	9/1/21	623.44	10-20	17.27	18.12	0.85	<b>FP</b>
	10/12/21			18.11	19.15	1.04	<b>FP</b>
	5/4/22			--	14.88	--	608.56
	7/25/22			--	18.44	--	605.00
	8/24/22			--	DRY	--	DRY
RW-3	9/1/21	623.34	10-20	17.48	18.25	0.77	<b>FP</b>
	10/12/21			18.26	19.16	0.90	<b>FP</b>
	5/4/22			--	15.16	--	608.18
	7/25/22			--	18.62	--	604.72
	8/24/22			19.65	19.67	0.02	<b>FP</b>
DW-1	9/1/21	624.84	40-45	--	18.87	--	605.97
	10/12/21			--	19.73	--	605.11
	5/4/22			--	16.36	--	608.48
	7/25/22			--	19.73	--	605.11
	8/23/22			--	21.07	--	603.77



Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
DW-2	9/1/21	611.79	35-40	--	9.46	--	602.33
	10/12/21			--	10.11	--	601.69
	5/4/22			--	8.14	--	603.65
	7/25/22			--	10.32	--	601.47
	8/23/22			--	11.38	--	600.41
DW-3	9/1/21	610.33	35-40	--	8.69	--	601.64
	10/12/21			--	9.29	--	601.04
	5/4/22			--	5.79	--	604.54
	7/25/22			--	9.46	--	600.87
	8/23/22			--	10.47	--	599.86
DW-4	9/1/21	602.27	20-25	--	10.47	--	591.80
	10/12/21			--	10.97	--	591.30
	5/4/22			--	6.83	--	595.44
	7/25/22			--	10.08	--	592.19
	8/23/22			--	11.59	--	590.68

## APPENDIX G

### Disposal Manifest

**NON-HAZARDOUS WASTE MANIFEST**

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Bahuchar Mata LLC  
115 Water Recovery  
511 Old Mt. Holly Rd. Greensboro, NC

Generator's Site Address (if different than mailing address)

Quick Pantay - 19  
180-2-2000-2000 Greensboro, NC

Generator's Phone:

6. Transporter 1 Company Name

KLW Environmental Inc

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

115 Water Recovery  
511 Old Mt. Holly Rd. Greensboro, NC

U.S. EPA ID Number

Facility's Phone:

9. Waste Shipping Name and Description

1. Large water for Quick Pantay - 19  
2. Large water for Quick Pantay - 19

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

47

13. Special Handling Instructions and Additional Information

**14. GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offorer's Printed/Typed Name

Signature

Month Day Year

Bahuchar Mata

[Signature]

8 20 19

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Bahuchar Mata

[Signature]

8 20 19

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY



## APPENDIX H

### Zoning Information

## APPENDIX I

### Fate and Transport Modeling

## APPENDIX J

### Access Agreements



## APPENDIX K

### Checklist

**Contractor Checklist**

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the No box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	✓		
2	Is UST Owner/Operator name, address, & phone number provided?	✓		
3	Is name, address, & phone number of current property owner provided?	✓		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	✓		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?			✓
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	✓		
7	Has the facility history been summarized?	✓		
8	Has the regional geology and hydrogeology been described?	✓		
9	Are the receptor survey results provided as required?	✓		✓
10	Has current use of the site and adjacent land been described?	✓		✓
11	Has the site-specific geology and hydrogeology been described?			✓
12	Has the primary soil type been described?			✓
13	Have field screening results been described?			✓
14	Has a description of the soil sample collection and preservation been detailed?			✓
15	Has the field screening methodology and procedure been detailed?			✓
16	Has the monitoring well installation and development dates been provided?			✓
17	Has the method of well development been detailed?			✓
18	Has justification been provided for the locations of the monitoring wells?			✓
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	✓		
20	Has the groundwater sampling methodology been detailed?	✓		
21	Have the groundwater sampling dates and groundwater measurements been provided?	✓		
22	Has the purging methodology been detailed?	✓		
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?	✓		
24	If free-product is present, has the thickness been provided?	✓		
25	Does the report include a brief discussion of the assessment done and the results?	✓		
26	Does the report include a brief discussion of the aquifer evaluation and results?			✓
27	Does the report include a brief discussion of the fate & transport models used?			✓



Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			✓
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			✓
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			✓
31	Have recommendations for further action been provided and explained?	✓		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			✓
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	✓		
34	Has the current and historical laboratory data been provided in tabular format?	✓		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			✓
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			✓
37	Has the topographic map been provided with all required elements? (Figure 1)	✓		
38	Has the site base map been provided with all required elements? (Figure 2)	✓		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	✓		
40	Has the site potentiometric map been provided? (Figure 5)	✓		
41	Have the geologic cross-sections been provided? (Figure 6)			✓
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			✓
43	Has the site survey been provided and include all necessary elements? (Appendix A)	✓		
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)	✓		
45	Is the laboratory performing the analyses properly certified?	✓		
46	Has the tax map been included with all necessary elements? (Appendix C)			✓
47	Have the soil boring/field screening logs been provided? (Appendix D)			✓
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)			✓
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			✓
50	Have the disposal manifests been provided? (Appendix G)	✓		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			✓
52	Has all fate and transport modeling been provided? (Appendix I)			✓
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			✓
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	✓		

Explanation for missing and incomplete information?







SEP 27 2022

BAHUCHAR MATA LLC  
ATTN: MIKE PATEL  
311 OARMOTE CIRCLE  
GREENWOOD SC 29649



Re: **Free Product Abatement Notice to Proceed**  
Quick Pantry 19, 1802 S. Main St., Greenwood, SC  
UST Permit #04785; CA #66118 & #66119  
Release #2 and #3 reported March 9, 2021 and September 28, 2021  
Site Specific Work Plan received September 7, 2022  
Greenwood County

Dear Mr. Patel:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed and approved the referenced Site-Specific Work Plan (SSWP) submitted by your contractor. All work should be conducted in accordance with the current revision of the UST Quality Assurance Program Plan (QAPP), your contractor's approved Site Specific Work Plan and/or Annual Contractor Quality Assurance Plan (ACQAP), and in compliance with all applicable regulations. A copy of the current revision of the UST QAPP is available at [scdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance](http://scdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance).

The work should begin immediately upon receipt of this letter. The above referenced cost agreement number has been approved for the amount shown on the enclosed cost agreement form.

**In accordance with the SUPERB ACCOUNT Maximum Allowable Costs document dated July 1, 2022, a personnel mobilization is not allowed with waste disposal. The fifth requested mobilization can be used for the subsequent survey.**

**The Contractor must provide the UST Project Manager with a Project Status Report on a weekly basis via e-mail or notify the UST Project Manager via email 4 days prior to initiation of any site rehabilitation activities. If there are any changes or conflicts with the date(s) of site activities, the UST Project Manager must be contacted within 24 hours of those changes.**

**The Report(s), contractor checklist (QAPP Appendix K), and invoice should be submitted to the UST Division within 120 days of the date of this correspondence.** The report submitted at the completion of these activities should include the required information outlined in the UST QAPP.

Your contractor can submit an invoice for direct payment from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for pre-approved costs. By law, the SUPERB Account cannot compensate any costs that are not pre-approved. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be

uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the UST Division is obtained. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be pre-approved by the UST Division for the cost to be paid. The UST Division reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the UST Division reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

Pursuant to S.C. Code Ann. Section 44-2-40(D), "The SUPERB Account and the SUPERB Financial Responsibility Fund shall provide combined coverage for site rehabilitation and third-party claims, respectively, not to exceed one million dollars per occurrence". **According to UST Division records, approximately \$259,492.10 has been expended for release #2 and \$16,313.87 for release #3 from the SUPERB Account to date. This scope of work, as recommended by your contractor, is anticipated to cost approximately \$56,315.27 for release #2 and \$56,315.27 for release #3.**

Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by a UST Certified Site Rehabilitation Contractor as required by R.61-98.

DHEC grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. The transport and disposal must be conducted in accordance with the QAPP. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the Chemical of Concern (CoC) concentrations based on laboratory analysis are below Risk-Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on-site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence concerning this site, please reference the UST Permit number above. Should you have any questions, please contact me by phone at (803) 898-0608, by fax at (803) 898-0673, or by email at [minerrs@dhec.sc.gov](mailto:minerrs@dhec.sc.gov).

Sincerely,



Read S. Miner, P.G., Hydrogeologist  
Corrective Action & Field Support Section  
Underground Storage Tank Management Division  
Bureau of Land and Waste Management

enc: Approved Cost Agreement

cc: KLM Environmental, LLC, PO Box 2704, Goose Creek, SC 29445 (w/ enc)  
Technical file (w/ enc)



**Approved Cost Agreement**

**66118**

Facility: 04785 QUICK PANTRY 19

MINERRS

PO Number: 94066

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION		1.1 SITE SPECIFIC WORK PLAN	0.5000	\$169.650	84.83
D MOB/DEMOB		2.1 PERSONNEL	2.0000	\$478.420	956.84
J SAMPLE COLLECTION		5.1 GAUGE WELL ONLY	12.0000	\$7.920	95.04
S REPORT PROJECT MANAGEMENT		S REPORT PREP & PROJ, MANAGEMENT	0.1200	\$50,281.500	6,033.78
W AFVR		14.1 AFVR SITE RECONNAISSANCE	0.5000	\$280.000	140.00
		16.1 AFVR EFFLUENT DISPOSAL	7,500.0000	\$0.490	3,675.00
		17.1 AFVR MOB - DEMOB	3.0000	\$720.000	2,160.00
		19 WELL SOCK 2" ID WELL	24.0000	\$34.200	820.80
		28 DISP. OF PRODUCT FROM SKIMMERS	25.0000	\$0.460	11.50
		4 96 HOUR EVENT	3.0000	\$13,409.520	40,228.56
		8 OFF GAS TREATMENT 96 HOUR	2.5000	\$832.260	2,080.65
Y WELL REPAIR		1.1 ADDITIONAL COPIES OF REPORT	0.5000	\$56.550	28.28
				<b>Total Amount</b>	<b>56,315.28</b>

**Approved Cost Agreement**

**66119**

Facility: 04785 QUICK PANTRY 19

MINERRS

PO Number: 94067

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION		1.1 SITE SPECIFIC WORK PLAN	0.5000	\$169.650	84.83
D MOB/DEMOB		2.1 PERSONNEL	2.0000	\$478.420	956.84
J SAMPLE COLLECTION		5.1 GAUGE WELL ONLY	12.0000	\$7.920	95.04
S REPORT PROJECT MANAGEMENT		S REPORT PREP & PROJ. MANAGEMENT	0.1200	\$50,281.500	6,033.78
W AFVR		14.1 AFVR SITE RECONNAISSANCE	0.5000	\$280.000	140.00
		16.1 AFVR EFFLUENT DISPOSAL	7,500.0000	\$0.490	3,675.00
		17.1 AFVR MOB - DEMOB	3.0000	\$720.000	2,160.00
		19 WELL SOCK 2" ID WELL	24.0000	\$34.200	820.80
		28 DISP. OF PRODUCT FROM SKIMMERS	25.0000	\$0.460	11.50
		4 96 HOUR EVENT	3.0000	\$13,409.520	40,228.56
		8 OFF GAS TREATMENT 96 HOUR	2.5000	\$832.260	2,080.65
Y WELL REPAIR		1.1 ADDITIONAL COPIES OF REPORT	0.5000	\$56.550	28.28
				<b>Total Amount</b>	<b>56,315.28</b>

**Briney, Stephanie M.**

---

**From:** Briney, Stephanie M.  
**Sent:** Tuesday, October 11, 2022 4:40 PM  
**To:** Mark Lee Keller  
**Cc:** Dunn, Robert  
**Subject:** RE: UST # 04785

Mark,

Thanks for sending me this request. Read will be out of the office until the end of November. You can send or call me about any information/request on Read's sites and for the Greenwood site (04785) you can also talk to Robert Dunn. He is stepping in on this project until Read gets back.

I talked with Robert and we have no problem approving your request to eliminate the off gas treatment on the AFVR events that are being conducted in the woods. Let me know if you need anything else.

Stephanie Briney, Manager  
Corrective Action & Field Support Section  
Underground Storage Tank Management Division  
Bureau of Land and Waste Management  
**S.C. Dept. of Health & Environmental Control**  
Office: (803) 898-0595  
Cell: (803) 608-0455  
Fax: (803)-898-0673  
Connect: [www.scdhec.gov](http://www.scdhec.gov) [Facebook](#) [Twitter](#)



**From:** Mark Lee Keller <mkeller131@comcast.net>  
**Sent:** Tuesday, October 11, 2022 1:05 PM  
**To:** Briney, Stephanie M. <brineysm@dhec.sc.gov>  
**Subject:** FW: UST # 04785

\*\*\* Caution. This is an EXTERNAL email, DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\*


Stephanie,

Please see my proposed change below I sent to Read. I see he is out for a bit.

Thanks

Mark

Mark L. Keller, PG  
President

 **KLM Environmental, LLC**  
PO Box 2704



Goose Creek, SC 29445  
843-870-4285 Cell

**From:** Mark Lee Keller <mkeller131@comcast.net>  
**Sent:** Tuesday, October 11, 2022 11:03 AM  
**To:** Read Miner ([minerrs@dhec.sc.gov](mailto:minerrs@dhec.sc.gov)) <[minerrs@dhec.sc.gov](mailto:minerrs@dhec.sc.gov)>  
**Subject:** UST # 04785

Read,

I would like to propose to amend the work on the AFVR events at this site. I would like to eliminate the off gas treatment on the events that are not at the store. We can accelerate the recovery efforts with two vacuum units if we can eliminate the off gas on the events in the wooded area. Please let me know if that is acceptable.

Thanks

Mark

Mark L. Keller, PG  
President

 KLM Environmental, LLC  
PO Box 2704  
Goose Creek, SC 29445  
843-870-4285 Cell



BAHUCHAR MATA LLC  
ATTN MIKE PATEL  
311 OARMOTE CIRCLE  
GREENWOOD SC 29649



OCT 11 2022

Re: **Monitoring Report Review and Meeting Request**

Quick Pantry #19, 1802 S Main St., Greenwood, SC  
UST Permit #04785; CA #65289 & CA #65290  
Release #2 and #3 reported March 9, 2021 and September 28, 2021  
Monitoring Report received September 21, 2022  
Greenwood County

Dear Mr. Patel:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced Monitoring Report documenting the most recent groundwater sampling activities.

In accordance with the Site-Specific Work Plan Approval and Notice to Proceed dated April 6, 2022, the next groundwater sampling event may proceed with sampling to occur in November 2022. **The next quarterly Monitoring Report, contractor checklist (QAPP Appendix K), and invoice should be submitted on or before December 2, 2022.** Please notify the UST Project Manager and the UST Quality Assurance Coordinator at least 7 days prior to any field activities.

Free product abatement measures to date have been productive. However, it is prudent to transition into a more aggressive corrective action strategy in accordance with the Underground Storage Tank Control Regulations R.61-92, Part 280, Section 280.66 Corrective Action Plan.

A meeting is proposed to include Mr. Patel, Mr. Keller, and SCDHEC representatives on November 1, 2022, at 10:30am. The meeting will be held at 2600 Bull Street, Columbia, SC. Please arrive early to allow time to sign in at the front desk. Topics may include but not necessarily limited to:

- Determination of the quantity of product remaining in the nodes between the wells,
- Determination of the relative quantities of product released between the releases and a proportional manner of splitting costs between the releases,
- Potential corrective action strategies,
- Corrective Action goals,
- Holistic approach to corrective action versus a phased approach, and
- Determination of cost.

Page 2

On all correspondence regarding this site, please reference the UST Permit number above. Should you have any questions, please contact me by phone at (803) 898-0671, by fax at (803) 898-0673, or by email at [dunnra@dhec.sc.gov](mailto:dunnra@dhec.sc.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'RD', with a long horizontal flourish extending to the right.

Robert Dunn, Hydrogeologist  
Corrective Action & Field Support Section  
Underground Storage Tank Management Division  
Bureau of Land and Waste Management

cc: KLM Environmental, LLC, PO Box 2704, Goose Creek, SC 29445  
Technical File



Sign In Sheet

UST Permit# 04785 Meeting

November 17, 2022, 10:30am

Print Name	Affiliation	Signature
Mölic Keller	KLM Environmental	<i>M Keller</i>
* Jaitendran	KLM	<i>Jaitendran</i>
Graham Robinson	KLM Environmental	<i>G Robinson</i>
Stephanie Briney	SCDHEC	<i>Stephanie Briney</i>
Robert A. Dunn	SCDHEC	<i>R Dunn</i>

\* he is the representative for Bachuchar Mata LLC





November 17, 2022 UST #04785, Quick Pantry 19 Meeting Agenda  
Bahuchar Mata LLC/ South Carolina Department of Health and Environmental Control

---

Meeting Location: S.C. Department of Health and Environmental Control  
2600 Bull Street, Columbia, SC 29201

Meeting Date & Time: Thursday, November 17, 2022; 10:30am to 12:00

Team Leaders/Hosts: Stephanie Briney, UST Section Manager  
Robert Dunn, UST Project Manager

Time	Item Description	Purpose	Lead
10:30	Introductions, Review Agenda	Discussion	Robert Dunn
10:45	Update Site Conditions	Discussion/Update	KLM
11:15	Superb Funding; Release #03	Discussion/Update	Robert Dunn
11:30	Remediation Process; Initial Clean up Goals	Discussion	Robert Dunn
12:00	Parking Lot, Review Action Items – if needed	Discussion	Robert Dunn

Action Items

- 1) DHEC will deliver a Specification Package on or before January 31, 2023.
  
- 2) KLM/Bahuchar Mata LLC will provide information regarding release #03 impact to release #02, to continue funding remediation under Superb for release #03 on or before January 31, 2023.

**3  Superb Funding Status**

- Release #02
  - \$313,529.59 expended
  - \$75,221.34 Committed
    - Sampling - \$14,409.01
    - Free Product Abatement – \$60,812.33
- Release #03
  - \$70,351.36 expended
  - \$75,221.34 Committed
    - Sampling - \$14,409.01
    - Free Product Abatement - \$60,812.33
- 

**4  Superb Funding; Release #03**

- September 28, 2021; Estimated 500 gallons of fuel lost
- In order to continue funding under Superb for remediation of this release, specific information must be provided documenting the impact of this release from what was assessed in the Tier II for Release #02.
- 

**5  Remediation Process, Clean up goals**

- Due to the extent of FP Site-Specific Target Levels for site closure cannot be determined at this time, therefore a phased approach will be required.
- Phase I - Establish SSTLs for site closure
  - Remove Free Product
  - Reduce Dissolved Concentrations; Creek, Storm Drains
  - Removal of Interceptor Trench
- A performance-based solicitation package will be provided detailing the remedial requirements and goals to be achieved for reimbursement from Superb.

**6  Remediation Process**

- Discuss with your environmental contractor the most cost-effective and efficient approach to remediate the release to achieve these goals
- If you and your contractor cannot come to an acceptable agreement. The specification package can be sent to DHEC certified contractors to solicit responses for remediation of the release.

**7**

## CD's Information

Date Received: 12/2/22

Permit Number: 04785

Project Manager: Bread Miner

Contractor: HLM Enviro

Description: Monitoring Rpt

Docket Number: 170T Initials: \_\_\_\_\_

Scanned by: \_\_\_\_\_

Verified by: \_\_\_\_\_

MONITORING REPORT  
Quick Pantry # 19  
Greenwood, South Carolina  
Site ID# 04785



**KLM Environmental, LLC**

Phase I Phase II Underground Storage Tanks Soil & Water Sampling Well Installation  
PO Box 2704  
Goose Creek, SC 29445  
843-870-4285 Phone  
843-797-1893 Fax

November 28<sup>th</sup>, 2022

*Prepared for:*

**Mr. Read Miner, PG**  
**Remediation Section**  
**SCDHEC-USMD**  
2600 Bull Street  
Columbia, SC 29201

*Prepared by:*

**KLM Environmental, LLC.**  
PO Box 2704  
Goose Creek, SC 29445  
(843) 870-4285  
UST Contractor # 345

**Project # 21547.4 November 2022**



## SIGNATURE PAGE

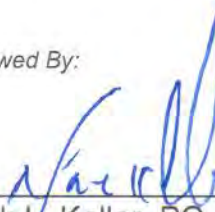
This report entitled "**MONITORING REPORT**" for **Quick Pantry # 19** has been prepared at the request of and for the exclusive use of the South Carolina Department of Health and Environmental Control. It has been prepared and reviewed by the undersigned.

Prepared By:



Graham P. Robinson  
Hydrogeologist

Reviewed By:



Mark L. Keller, PG  
President

11 / 28 / 2022

Date



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GROUNDWATER DATA _____	2

## 1.0 INTRODUCTION

The Quick Pantry # 19 site is located at 1802 South Main Street in Greenwood, South Carolina. A general site location map is provided as Figure 1 in Appendix A. Due to the large area needed for mapping, the site map has been split into Site Map One shown as Figure 2, and Site Map Two as Figure 2b. The property owner is SMVS Real Estate, LLC located at 1802 South Main Street in Greenwood, SC 29646. The UST responsible party is Bahuchar Mata, LLC located at 311 Oakmonte Circle in Greenwood, SC 29649; phone 864-378-6993. KLM Environmental is the Certified UST Site Rehabilitation Contractor performing the work (Certification # 345). KLM's address is PO Box 2704, Goose Creek, SC 29445; phone 843-870-4285. Analytical Environmental Services, Inc. is the certified laboratory used to analyze the samples for this work (Certification # 98016003). AES's main address is 3080 Presidential Drive, Atlanta, GA 30340, phone # 770-457-8177.

The Quick Pantry # 19 site is an active gasoline station surrounded by residential and commercial property. This site is zoned General Commercial by Greenwood County. A copy of the zoning information can be found on the Greenwood County website. The site currently contains three underground storage tanks consisting of two 4,000-gallon gasoline tanks and one 5,000-gallon gasoline tank. The 4,000-gallon tanks are in use, but the 5,000-gallon gasoline tank has been abandoned in place due to a failed tank tightness test in February of 2021. There are two dispensers associated with these tanks. The investigation of this site was prompted by reports of a petroleum smell near the housing complex on Foundry Road. The release was reported on March 9<sup>th</sup>, 2021 in response to a failed tank tightness test and the presence of free product around the tank pit. KLM Environmental was tasked with the emergency abatement of the release, and abatement actions were initiated by shutting down the leaking tank and installing a skimming system of oil-absorbent booms to catch the petroleum on the creek's surface. After the installation of the boom system, KLM Environmental began a series of long duration Aggressive Fluid and Vapor Recovery (AFVR) events along with coordination with the SCDHEC for the Tier II Assessment. A new release was reported on September 28<sup>th</sup>, 2021 by KLM Environmental after a fuel drop was completed in the previously failed UST. Corrective actions for that release are being conducted in conjunction with Release #1.

The subject site is primarily underlain by a sand clay mixture that transitions from sandy loam to clay loam and is further underlain by Charlotte Terrane meta-igneous rocks.



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For a list of all previous work on this site, please refer to Section 4.0 of this report. This report serves to provide the results from the comprehensive sampling event conducted at the site as requested by the SCDHEC Project Manager.

## 2.0 ASSESSMENT INFORMATION

### 2.1 Groundwater Sampling

Figure 2 in Appendix A serves as the comprehensive site map showing the locations of the twenty-five monitoring wells, four telescoping deep wells, three recovery wells, six surface waters, and the interception trench.

KLM personnel mobilized to the site on November 2<sup>nd</sup> and 3<sup>rd</sup>, 2022 and attempted to sample all wells associated with the Quick Pantry # 19 site. Samples were collected under the free product line in wells containing free product, and purging was performed on any wells that did not bracket the water table as directed by the SCHDEC Project Manager. A minimum of three well volumes were attempted to be purged from those wells prior to sample collection using an electric purge pump. The purge pump and hose were decontaminated between wells with a triple station rinse as outlined in the QAPP. Immediately after well purging was completed, groundwater samples were collected using disposable bottom entry sampling bailers, decanted into sterile glass sample containers provided by the analytical laboratory, and preserved in accordance with United States Environmental Protection Agency (USEPA) sampling protocol. Standard field parameters (pH, specific conductivity, temperature, dissolved oxygen, salinity, and turbidity) were measured with the Horiba U-52 (serial # W22MV13L) and recorded for each sample during well purging or at the time of collection. The Horiba U-52 was calibrated with Horiba 100-4 standard solution prior to use and the calibration records are recorded on the calibration sheet which are included in Appendix B. Following collection in the field, the groundwater samples were packed on wet ice in coolers supplied by the laboratory. Sample coolers were stored in a refrigerator to reduce ice melt until the sample coolers could be shipped to Analytical Environmental Services (SCDHEC Certification # 98016003) and analyzed for Benzene, Toluene, Ethylbenzene, total Xylenes (BTEX), Methyl-tert Butyl Ether (MTBE), Naphthalene, 1,2 DCA, 8 Oxygenates, and EDB. Analytical results are provided in Tables 1 and 1B, and in Appendix B. Field sampling sheets are provided in Appendix B. A map is provided as Figure 3A in Appendix A showing the sample results along with the well locations, as well as the general locations of the surface water samples. Also included as Figure 3B is a free product delineation map comparing the free product plume to the contaminant plume. A disposal manifest for forty-three gallons of contaminated purge water is provided in Appendix G. Results for all wells sampled are as follows:

TABLE 1  
Summary of Analytical Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	16000	38000	3100	16000	1300	<2500	<500	<0.021	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	25000	46000	3600	20000	3900	<2500	<500	<0.020	NS
MW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	19000	48000	3500	18000	1000	<2500	<500	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	8800	32000	2300	16000	<50	530	<50	<0.020	NS
	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-4	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	22000	59000	3800	33000	2700	560	<100	0.767	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-5	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	12000	33000	2800	14000	<1.0	410	<1.0	<0.020	NS
	8/24/22	2600	3500	350	9700	<100	<500	<100	<0.020	NS
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-6	8/26/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	5.23
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/24/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/2/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-7	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	5700	17000	1700	10000	180	310	<50	<0.020	NS
	8/24/22	1200	2200	210	2800	32	110	<1.0	<0.020	NS
	11/2/22	3000	4300	580	4100	69	170	<1.0	<0.020	NS
MW-8	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	17000	38000	3000	17000	860	<2500	<500	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-9	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	8500	26000	3100	14000	<50	470	<50	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	8900	22000	2100	12000	<10	560	<10	<0.020	NS
MW-10	8/26/21	1.5	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-11	8/26/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS

TABLE 1 Cont.  
Summary of Analytical Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-12	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	14000	35000	3500	17000	140	530	<50	<0.020	NS
	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	12000	21000	2500	13000	220	500	<10	<0.020	NS
MW-13	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	1800	11000	1400	8100	<1.0	260	<1.0	<0.020	NS
	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	9400	21000	2100	11000	130	570	<1.0	<0.020	NS
MW-14	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/05/22	2900	10000	1600	9700	<50	660	<50	<0.020	NS
	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	1800	6800	940	4900	<10	290	<10	<0.020	NS
MW-15	9/2/21	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	1.4	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-16	9/2/21	51	130	32	160	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	2.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-17	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/05/22	20	1.4	<1.0	2.9	120	<5.0	<1.0	<0.020	NS
	8/23/22	9.4	<1.0	<1.0	<1.0	120	<5.0	<1.0	<0.020	NS
	11/2/22	<1.0	<1.0	<1.0	<1.0	130	<5.0	<1.0	<0.020	NS
MW-18	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/05/22	13000	31000	2900	15000	500	820	<50	<0.020	NS
	8/23/22	9300	19000	3100	21000	840	1400	<100	<0.020	NS
	11/2/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-19	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	4.3	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-20	9/2/21	2200	23	2.2	54	140	86	<1.0	<0.020	<1.00
	5/04/22	900	2.8	2.3	3.0	150	18	<1.0	<0.020	NS
	8/23/22	2700	4.2	6.6	34	590	95	<1.0	<0.020	NS
	11/3/22	940	<1.0	<1.0	1.1	540	23	<1.0	<0.021	NS
MW-21	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS



TABLE 1 Cont.  
Summary of Analytical Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-22	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-23	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.019	NS
MW-24	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-25	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	37	<1.0	4.5	6.3	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
RW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	18000	46000	3600	18000	1200	560	<100	<0.020	NS
	8/24/22	15000	51000	3900	21000	1300	560	<100	<0.020	NS
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	370000	1700000	270000	1400000	9700	100000	<5000	<0.109	NS
	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	8000	18000	2300	14000	1500	700	<100	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
DW-1	8/26/21	2.1	4.8	5.0	25	3.2	<5.0	<1.0	<0.020	<1.00
	5/04/22	35	66	3.2	29	13	<5.0	<1.0	<0.020	NS
	8/23/22	48	110	3.1	22	<1.0	<5.0	<1.0	<0.020	NS
	11/2/22	15	19	<1.0	4.4	<1.0	<5.0	<1.0	<0.020	NS
DW-2	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/2/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
DW-3	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.019	<1.00
	5/04/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/2/22	<1.0	<1.0	1.2	8.7	<1.0	<5.0	<1.0	<0.020	NS
DW-4	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	2.6	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	5.0	<5.0	<1.0	<0.020	NS
	11/2/22	<1.0	<1.0	1.5	12	12	<5.0	<1.0	<0.021	NS

TABLE 1 Cont.  
Summary of Analytical Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
SW-1	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	2.06
	5/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-2	9/2/21	4.7	<1.0	<1.0	2.1	<1.0	<5.0	<1.0	<0.020	30.2
	5/05/22	3200	6100	510	2500	6.5	30	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-3	9/2/21	3.2	2.1	<1.0	3.6	<1.0	<5.0	<1.0	<0.020	93.1
	5/05/22	4500	6700	490	3000	68	95	<1.0	<0.020	NS
	8/23/22	32	110	27	210	<1.0	7.7	<1.0	<0.020	NS
	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-4	9/2/21	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	5/05/22	180	170	8.4	190	15	8.9	<1.0	<0.020	NS
	8/23/22	<1.0	1.4	<1.0	7.4	<1.0	<5.0	<1.0	<0.021	NS
	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-5	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	16.8
	5/05/22	3.8	12	1.5	130	1.7	8.8	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
	11/3/22	<1.0	1.2	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
SW-6	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	6.53
	5/05/22	<1.0	<1.0	<1.0	2.6	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
QA / QC Data										
Duplicate 1 (MW-6)	11/2/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Duplicate 2 (MW-17)	11/2/22	<1.0	<1.0	<1.0	<1.0	140	<5.0	<1.0	<0.020	NS
Equipment Blank 1	11/2/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Field Blank 1	11/2/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Field Blank 2	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Trip Blank 1	11/2/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS
Trip Blank 2	11/2/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS

TABLE 1B  
Summary of Oxygenate Data  
Quick Pantry # 19  
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
<b>RBSL</b>	--	<b>47</b>	<b>128</b>	<b>150</b>	<b>1400</b>	<b>240</b>	--	<b>10000</b>	--
MW-1	11/2/22	<5000	<5000	<b>9500</b>	<50000	<50000	<50000	<b>1600000</b>	<50000
MW-2	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-3	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-4	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-5	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-6	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	11/2/22	<10	28	<b>310</b>	<100	<b>420</b>	<100	<100	<100
MW-8	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-9	11/2/22	<100	<100	<b>770</b>	<1000	<b>3600</b>	<1000	<b>290000</b>	<1000
MW-10	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	11/2/22	<100	<b>200</b>	<b>2200</b>	<1000	<b>5200</b>	<1000	<1000	<1000
MW-13	11/2/22	<10	<b>150</b>	<b>760</b>	<100	<b>1800</b>	<100	<100	<100
MW-14	11/2/22	<100	<100	130	<1000	<1000	<1000	<1000	<1000
MW-15	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	11/2/22	<10	73	<b>990</b>	<100	<b>1000</b>	<100	<100	<100
MW-18	11/2/22	<b>FP</b>	<b>FP</b>	<b>FP</b>	<b>FP</b>	<b>FP</b>	<b>FP</b>	<b>FP</b>	<b>FP</b>
MW-19	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-20	11/3/22	<10	90	<b>1000</b>	<100	<b>860</b>	<100	<100	<100
MW-21	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	11/3/22	<10	<10	44	<100	<100	<100	<100	<100
RW-1	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-2	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-3	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
DW-1	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	11/2/22	<10	<10	120	<100	<100	<100	<100	<100
SW-1	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-2	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-3	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-4	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-5	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-6	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100

TABLE 1B Cont. Summary of Oxygenate Data Quick Pantry # 19 Greenwood, SC									
Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	Ethanol	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
QA / QC Data									
Duplicate 1 (MW-6)	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
Duplicate 2 (MW-17)	11/2/22	<10	75	<b>870</b>	<100	<b>1200</b>	<100	<100	<100
Equipment Blank 1	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
Field Blank 1	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
Field Blank 2	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
Trip Blank 1	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
Trip Blank 2	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100

Note: All results in µg/l. Numbers in bold exceed RBSL. FP = Free Product.



## **2.2 Piezometric Data**

During the sampling event groundwater levels were at a historic low since assessment began. Monitoring wells MW-2, MW-3, MW-4, MW-5, MW-8, and recovery wells RW-1, RW-2, and RW-3 were dry during the sampling event. Surface water sampling locations along the creek (SW-1, SW-2, SW-3, and SW-4) were dry as well during the sampling event. Field sampling sheets for the well sampling event along with the calibration logs are provided in Appendix B. Groundwater elevation data for all monitoring wells associated with the release at the site can be found in Table 2. Historical groundwater data from the Quick Pantry # 19 site can be found in Appendix H. A shallow groundwater flow map was created utilizing the most recent groundwater elevation data and is included in Appendix A as Figure 4.

Groundwater elevation data from the recent sampling event are as follows:

TABLE 2  
Groundwater Data (feet)  
Quick Pantry # 19  
Greenwood, SC

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	GW Elevation
MW-1*	11/2/22	623.56	X-28.5	21.32	22.16	0.84	FP
MW-2*	11/2/22	623.38	10-20	--	DRY	--	DRY
MW-3*	11/2/22	625.10	10-20	--	DRY	--	DRY
MW-4*	11/2/22	623.30	10-20	--	DRY	--	DRY
MW-5*	11/2/22	622.12	10-20	--	DRY	--	DRY
MW-6	11/2/22	622.84	10-20	--	18.02	--	604.82
MW-7	11/2/22	614.92	8-18	--	15.14	--	599.78
MW-8*	11/2/22	615.10	5-15	--	DRY	--	DRY
MW-9*	11/2/22	615.58	7.5-17.5	15.23	16.04	0.81	FP
MW-10	11/3/22	608.68	2-12	--	8.72	--	599.96
MW-11	11/3/22	606.78	4-14	--	11.02	--	595.76
MW-12*	11/2/22	611.62	7-17	13.91	14.94	1.03	FP
MW-13*	11/2/22	610.45	5-15	12.44	12.51	0.07	FP
MW-14*	11/2/22	608.36	5-15	12.41	12.85	0.44	FP
MW-15	11/3/22	610.20	5-15	--	11.26	--	598.94
MW-16	11/3/22	605.95	5-15	--	11.25	--	594.70
MW-17	11/2/22	601.53	3-13	--	7.33	--	594.20
MW-18*	11/2/22	604.03	4-14	8.66	13.47	4.81	FP
MW-19	11/3/22	605.81	5-15	--	12.73	--	593.08
MW-20	11/3/22	601.51	3-13	--	8.66	--	592.85
MW-21	11/3/22	604.50	5-15	--	10.53	--	593.97
MW-22	11/3/22	600.57	5-15	--	12.07	--	588.50
MW-23	11/3/22	602.51	5-15	--	13.93	--	588.58
MW-24	11/3/22	602.73	5-15	--	14.27	--	588.46
MW-25	11/3/22	606.98	6-16	--	12.30	--	594.68
RW-1*	11/2/22	624.54	10-20	--	DRY	--	DRY
RW-2*	11/2/22	623.44	10-20	--	DRY	--	DRY
RW-3*	11/2/22	623.34	10-20	--	DRY	--	DRY
DW-1*	11/2/22	624.84	40-45	--	22.99	--	601.85
DW-2*	11/2/22	611.79	35-40	--	13.28	--	598.51
DW-3*	11/2/22	610.33	35-40	--	12.40	--	597.93
DW-4*	11/2/22	602.27	20-25	--	13.02	--	589.25

\*= wells not used to construct Shallow Groundwater Flow Map

Depths to fluid measurements were collected relative to the top of casing for each well. A hydrocarbon interface probe capable of detecting and measuring a hydrocarbon product thickness of 0.01 foot or 1/8 inch was used for depth to fluid measurements.

### 3.0 CONCLUSIONS

Results from the groundwater sampling event indicate contaminants exist at the Quick Pantry # 19 site in excess of the Risk Based Screening Levels (RBSLs) as established by the SCDHEC. Free product was present in monitoring wells MW-1, MW-9, MW-12, MW-13, MW-14, and MW-18. Please see the historical groundwater levels and free product thickness data provided in Appendix F for a summary of the KLM data. A map has been attached in Appendix B as Figure 3B displaying the free product plume along with the contaminant plume.

Contaminants above the RBSLs were found in monitoring wells MW-1, MW-7, MW-9, MW-12, MW-13, MW-14, MW-17, MW-18, MW-20, and DW-1. Contaminants were also identified in telescoping wells DW-3 and DW-4, but below regulatory limits.

As is depicted in Figure 3A in Appendix A, the contaminant plume is migrating beneath the creek to the east of the Quick Pantry # 19 site. The creek/drainage ditch continues on and has been confirmed to empty into the pond located on the Foundry site (see Figure 2B). During this sampling event groundwater levels were at a historic low since assessment began, and all of the surface water sample locations for the creek were dry. Samples collected from the pond on the Foundry site (SW-5) showed the presence of Toluene, but well below regulatory limits. The plume is currently undefined horizontally to the west as access to install wells on that property was denied but probing was completed during the Tier II and was defined at that time. The area to the northeast of MW-20 is currently not defined by monitoring wells but was defined during the Tier II with probing locations. The contaminant plume was defined horizontally to the south on the former Foundry property utilizing temporary wells during an assessment conducted in December of 2021. Additional monitoring wells were not installed as that area is subject to the Brownfields program through the SCDHEC. The cost for maintenance during and after the proposed contaminant cap installation outweighed the benefit of installing wells on that site. The report detailing that assessment is titled Tier II Addendum dated February 8<sup>th</sup>, 2022.

Contaminants above regulatory limits were identified in telescoping well DW-1. Contaminants were identified in DW-3 and DW-4 as well, but below regulatory limits. Vertical gradient calculations done during the Tier II with the deep wells near the center of the plume indicate a discharging aquifer. The previous lack of contaminants and the upward flow of water in the deep wells indicated that the

contaminant plume will migrate along the top of the water table rather than diving deeper into the subsurface, but it appears that the decrease in groundwater elevation is helping to draw the plume deeper. DW-4 is shallower than the other deep wells, and the decrease in groundwater elevation may explain the increase in contaminants since the previous sampling event. The groundwater elevation in DW-1 at the time of sampling was lower than the screened depth of most of the surrounding shallow wells, and there has been a general decrease in contaminant levels in DW-1 since the previous sampling event. The telescoping wells should be observed frequently to ensure contaminants are not migrating further downward.

Aggressive Fluid Vapor Recovery (AFVR) events have proven extremely effective at this site. To date, a total of 1061.11 gallons of free product, 2,142.60 gallons of product as vapor, and a total of 28,373.54 gallons of contaminated ground water have been recovered during eleven events at the site. The free product has diminished in both depth and breadth since the Tier II Report was submitted in September of 2021. KLM has submitted a work plan for additional AFVR events as well as the installation of petroleum recovery socks. The removal of the free product is still an abatement action that is ongoing. KLM will continue to remove free product at the site, as necessary. Recovery wells will be proposed in the coming months to assist with the free product removal using the active AFVR methods along with passive recovery skimmers.



#### 4.0 REFERENCES

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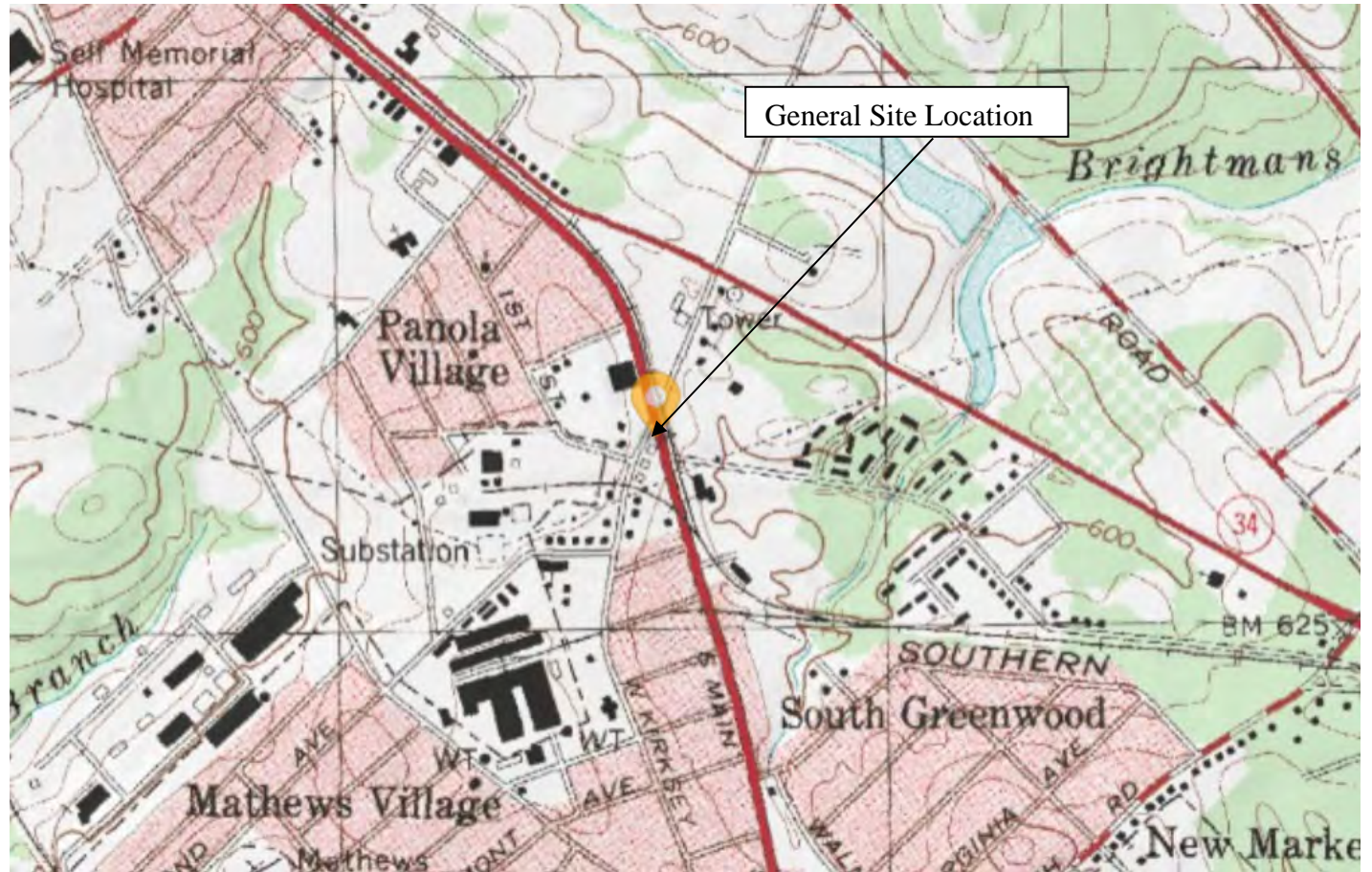
KLM Environmental, LLC, *Initial Containment Boom Report*, April 2021.

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South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management Underground Storage Tank Program, *South Carolina Quality Assurance Program Plan Revision 4.0*, July 2020.

## APPENDIX A

### Figures



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 1

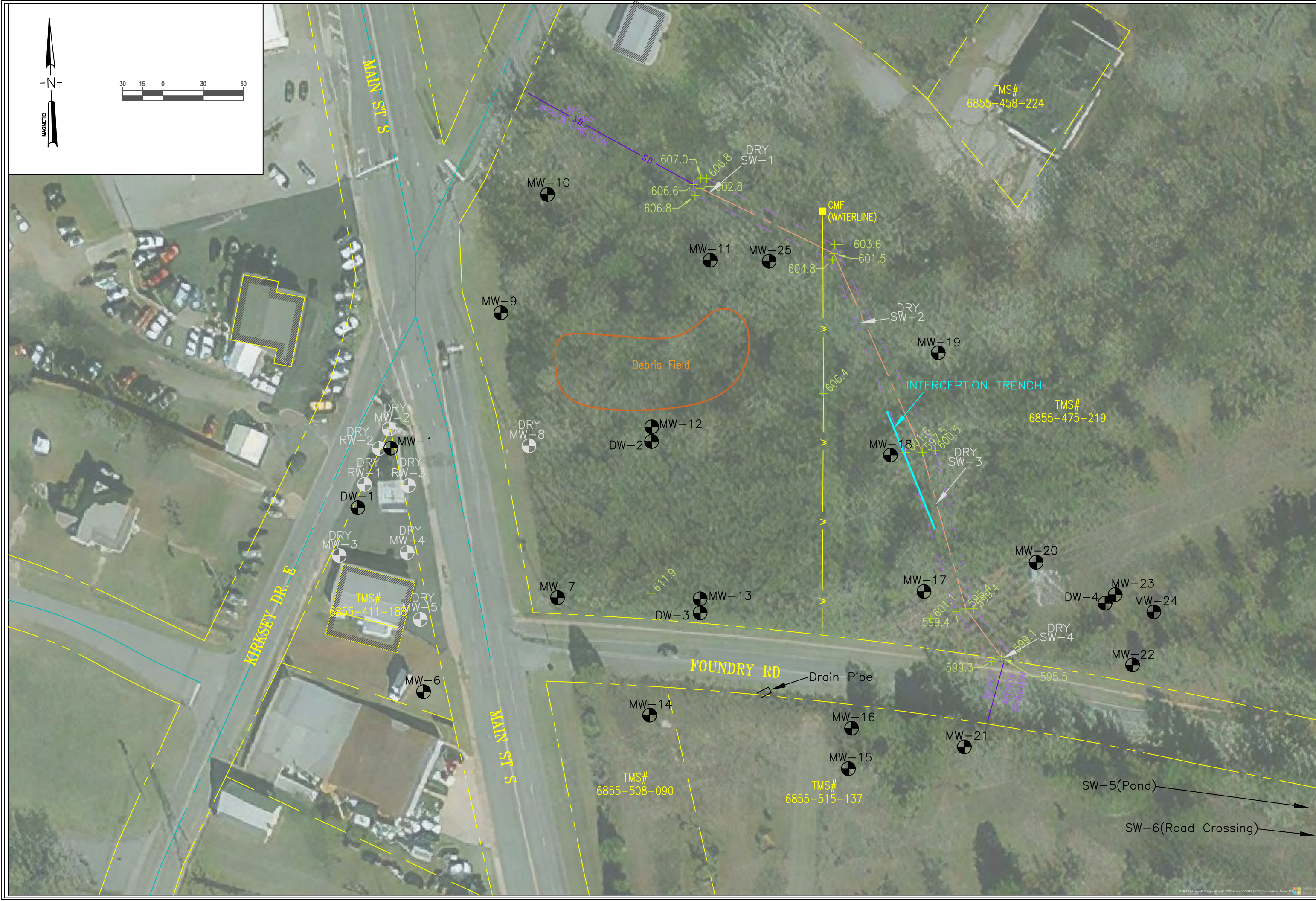
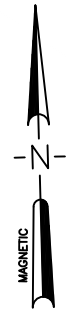
USGS Map

Quick Pantry # 19

Greenwood, SC

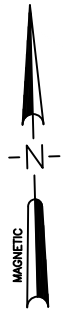
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SW-5

POND

OHIO CT

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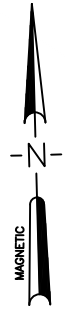
SW-6

NEW YORK CT

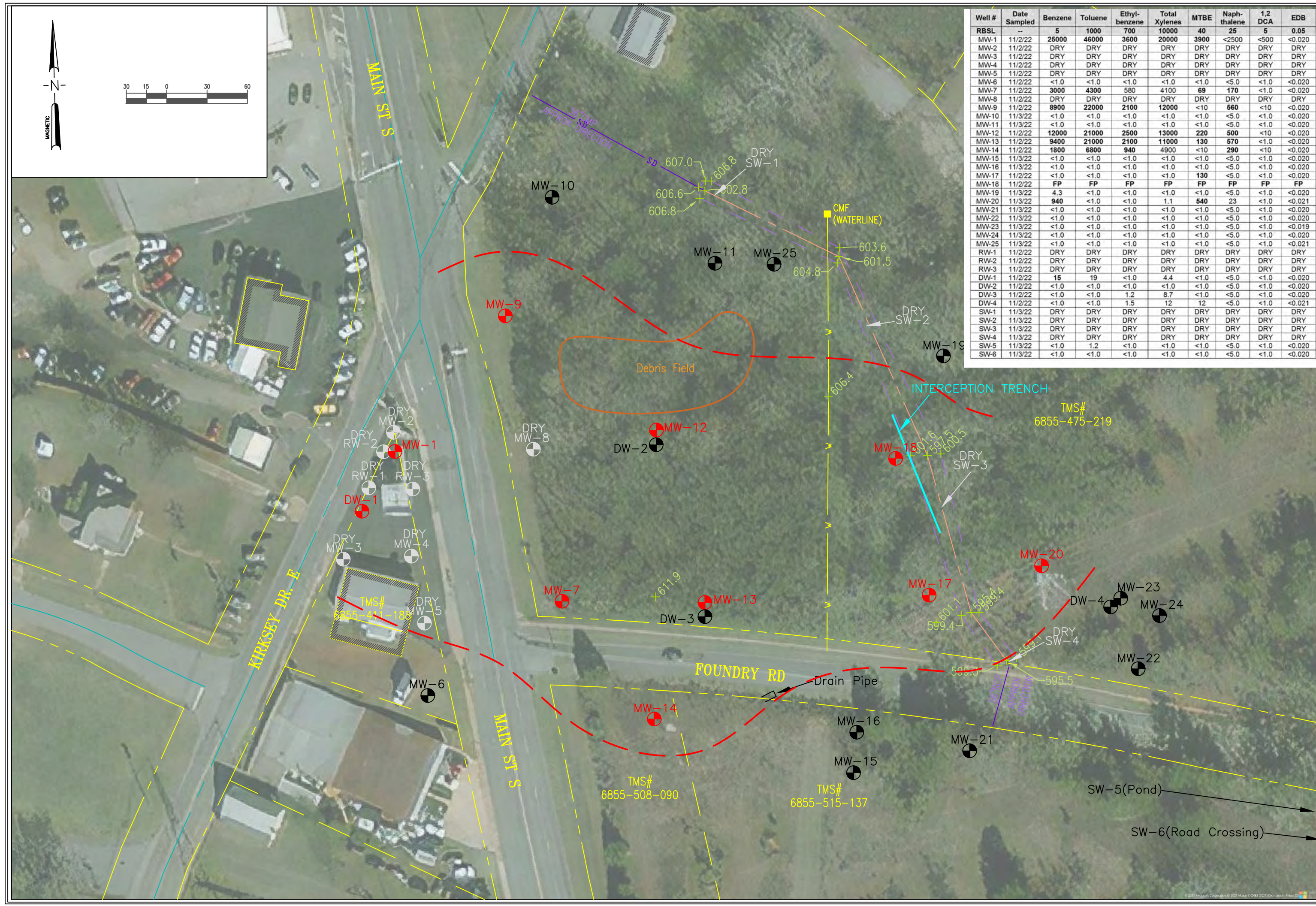
**KLM Environmental, LLC**  
Phase I: Phase II: Underground Storage Tanks-Soil & Water Sampling-Well Installation

**FIGURE 2B**  
**SITE MAP TWO**  
**QUICK PANTRY # 19**  
**GREENWOOD, SC UST # 04785**

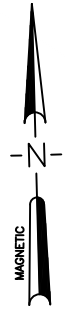




Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB
RBSL	--	5	1000	700	10000	40	25	5	0.05
MW-1	11/2/22	25000	46000	3600	20000	3900	<2500	<500	<0.020
MW-2	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-3	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-4	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-5	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-6	11/2/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-7	11/2/22	3000	4300	580	4100	69	170	<1.0	<0.020
MW-8	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-9	11/2/22	8900	22000	2100	12000	<10	560	<10	<0.020
MW-10	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-11	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-12	11/2/22	12000	21000	2500	13000	220	500	<1.0	<0.020
MW-13	11/2/22	9400	21000	2100	11000	130	570	<1.0	<0.020
MW-14	11/2/22	1800	6800	940	4900	<10	290	<10	<0.020
MW-15	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-16	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-17	11/2/22	<1.0	<1.0	<1.0	<1.0	130	<5.0	<1.0	<0.020
MW-18	11/2/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-19	11/3/22	4.3	<1.0	<1.0	<1.0	54.0	<5.0	<1.0	<0.020
MW-20	11/3/22	940	<1.0	<1.0	1.1	540	23	<1.0	<0.021
MW-21	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-22	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-23	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.019
MW-24	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-25	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021
RW-1	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-2	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-3	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
DW-1	11/2/22	15	19	<1.0	4.4	<1.0	<5.0	<1.0	<0.020
DW-2	11/2/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
DW-3	11/2/22	<1.0	<1.0	1.2	8.7	<1.0	<5.0	<1.0	<0.020
DW-4	11/2/22	<1.0	<1.0	1.5	12	12	<5.0	<1.0	<0.021
SW-1	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-2	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-3	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-4	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-5	11/3/22	<1.0	1.2	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
SW-6	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020



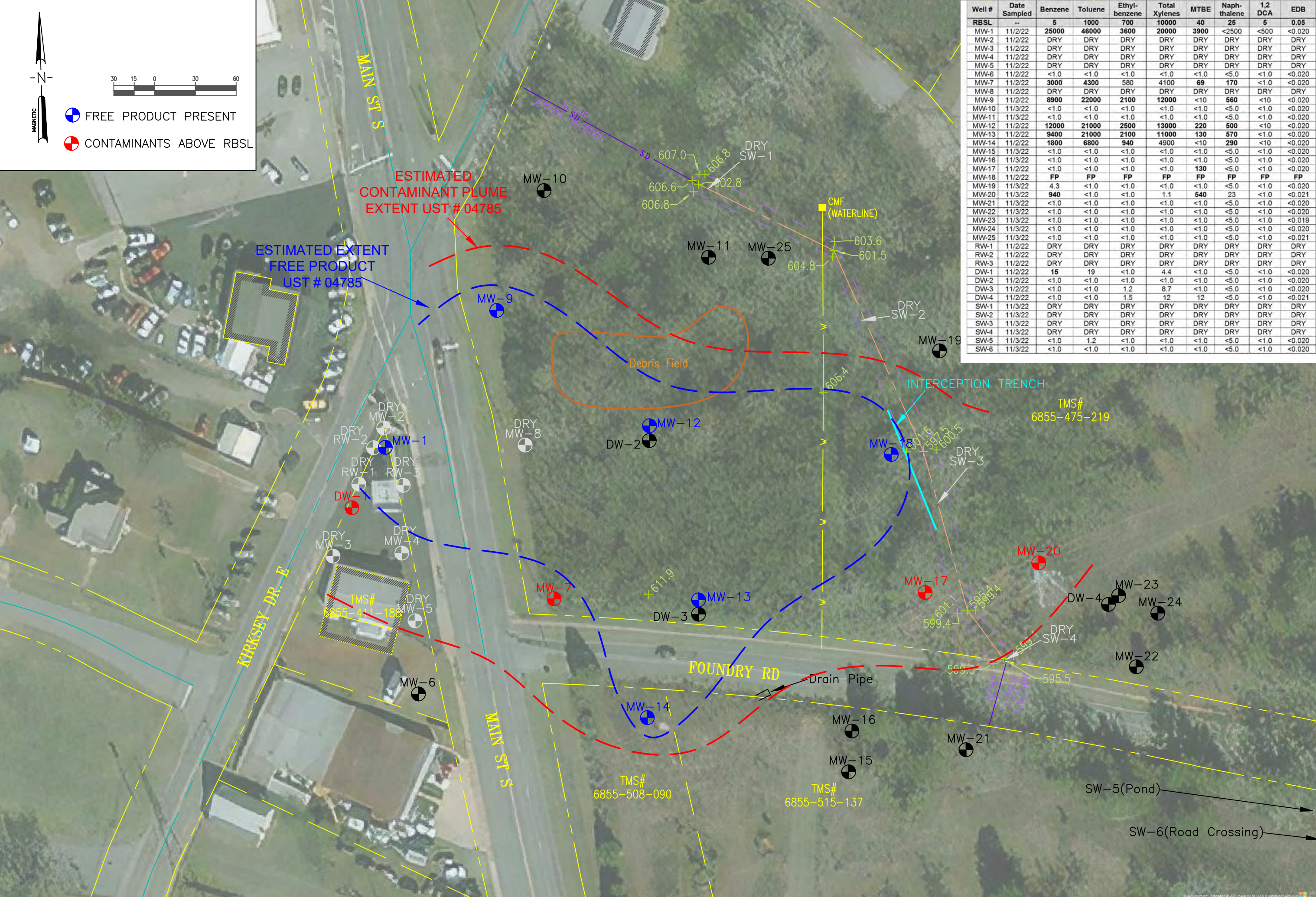




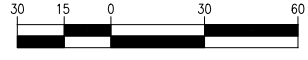
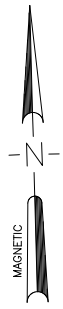
FREE PRODUCT PRESENT

CONTAMINANTS ABOVE RBSL

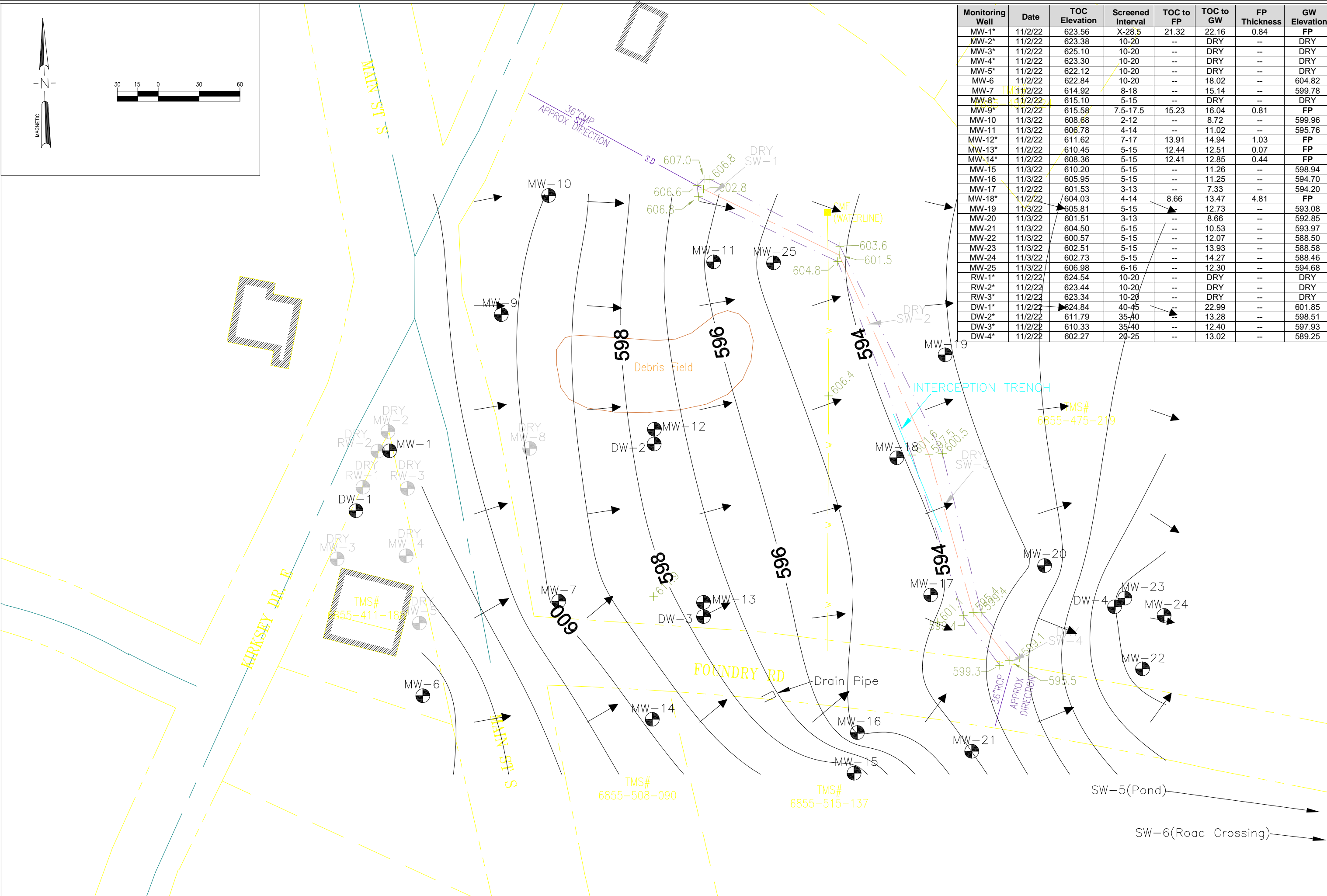
Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB
RBSL	--	5	1000	700	10000	40	25	5	0.05
MW-1	11/2/22	25000	46000	3600	20000	3900	<2500	<500	<0.020
MW-2	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-3	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-4	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-5	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-6	11/2/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-7	11/2/22	3000	4300	580	4100	69	170	<1.0	<0.020
MW-8	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-9	11/2/22	8900	22000	2100	12000	<10	560	<10	<0.020
MW-10	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-11	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-12	11/2/22	12000	21000	2500	13000	220	500	<1.0	<0.020
MW-13	11/2/22	9400	21000	2100	11000	130	570	<1.0	<0.020
MW-14	11/2/22	1800	6800	940	4900	<10	290	<10	<0.020
MW-15	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-16	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-17	11/2/22	<1.0	<1.0	<1.0	<1.0	130	<5.0	<1.0	<0.020
MW-18	11/2/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-19	11/3/22	4.3	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-20	11/3/22	940	<1.0	<1.0	1.1	540	23	<1.0	<0.021
MW-21	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-22	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-23	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.019
MW-24	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-25	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021
RW-1	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-2	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-3	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
DW-1	11/2/22	15	19	<1.0	4.4	<1.0	<5.0	<1.0	<0.020
DW-2	11/2/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
DW-3	11/2/22	<1.0	<1.0	1.2	8.7	<1.0	<5.0	<1.0	<0.020
DW-4	11/2/22	<1.0	<1.0	1.5	12	12	<5.0	<1.0	<0.021
SW-1	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-2	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-3	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-4	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-5	11/3/22	<1.0	1.2	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
SW-6	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020







Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	GW Elevation
MW-1*	11/2/22	623.56	X-28.5	21.32	22.16	0.84	FP
MW-2*	11/2/22	623.38	10-20	--	DRY	--	DRY
MW-3*	11/2/22	625.10	10-20	--	DRY	--	DRY
MW-4*	11/2/22	623.30	10-20	--	DRY	--	DRY
MW-5*	11/2/22	622.12	10-20	--	DRY	--	DRY
MW-6	11/2/22	622.84	10-20	--	18.02	--	604.82
MW-7	11/2/22	614.92	8-18	--	15.14	--	599.78
MW-8*	11/2/22	615.10	5-15	--	DRY	--	DRY
MW-9*	11/2/22	615.58	7.5-17.5	15.23	16.04	0.81	FP
MW-10	11/3/22	608.68	2-12	--	8.72	--	599.96
MW-11	11/3/22	606.78	4-14	--	11.02	--	595.76
MW-12*	11/2/22	611.62	7-17	13.91	14.94	1.03	FP
MW-13*	11/2/22	610.45	5-15	12.44	12.51	0.07	FP
MW-14*	11/2/22	608.36	5-15	12.41	12.85	0.44	FP
MW-15	11/3/22	610.20	5-15	--	11.26	--	598.94
MW-16	11/3/22	605.95	5-15	--	11.25	--	594.70
MW-17	11/2/22	601.53	3-13	--	7.33	--	594.20
MW-18*	11/2/22	604.03	4-14	8.66	13.47	4.81	FP
MW-19	11/3/22	605.81	5-15	--	12.73	--	593.08
MW-20	11/3/22	601.51	3-13	--	8.66	--	592.85
MW-21	11/3/22	604.50	5-15	--	10.53	--	593.97
MW-22	11/3/22	600.57	5-15	--	12.07	--	588.50
MW-23	11/3/22	602.51	5-15	--	13.93	--	588.58
MW-24	11/3/22	602.73	5-15	--	14.27	--	588.46
MW-25	11/3/22	606.98	6-16	--	12.30	--	594.68
RW-1*	11/2/22	624.54	10-20	--	DRY	--	DRY
RW-2*	11/2/22	623.44	10-20	--	DRY	--	DRY
RW-3*	11/2/22	623.34	10-20	--	DRY	--	DRY
DW-1*	11/2/22	624.84	40-45	--	22.99	--	601.85
DW-2*	11/2/22	611.79	35-40	--	13.28	--	598.51
DW-3*	11/2/22	610.33	35-40	--	12.40	--	597.93
DW-4*	11/2/22	602.27	20-25	--	13.02	--	589.25

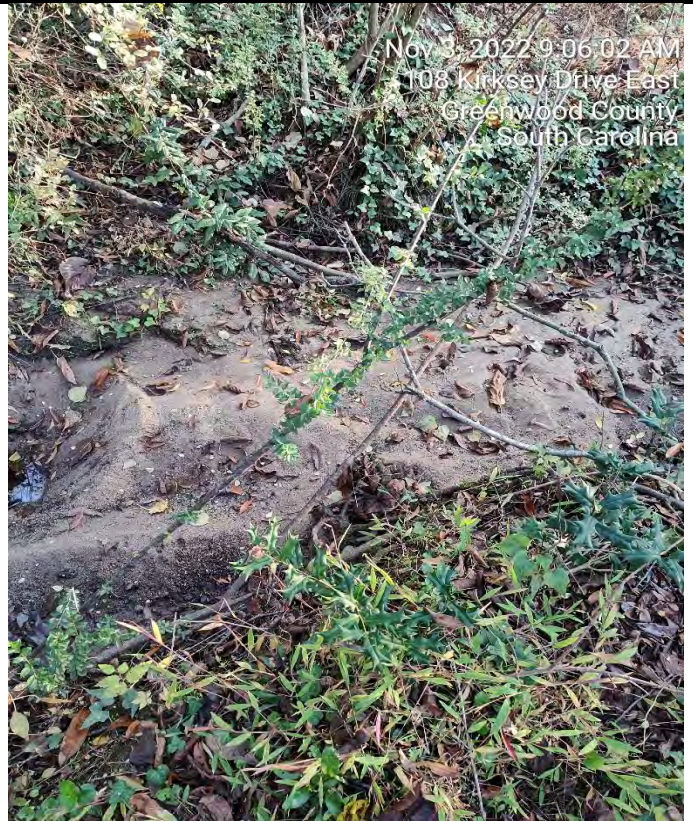






Nov 3, 2022 9:04:32 AM  
1744 Main Street South  
Greenwood County  
South Carolina

SW-1 Location



Nov 3, 2022 9:06:02 AM  
108 Kirksey Drive East  
Greenwood County  
South Carolina

SW-2 Location



Nov 3, 2022 9:08:06 AM  
106 Foundry Road  
Greenwood County  
South Carolina

SW-3 Location



Nov 3, 2022 9:09:46 AM  
1911 Main Street South  
Greenwood County  
South Carolina

SW-4 Location



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

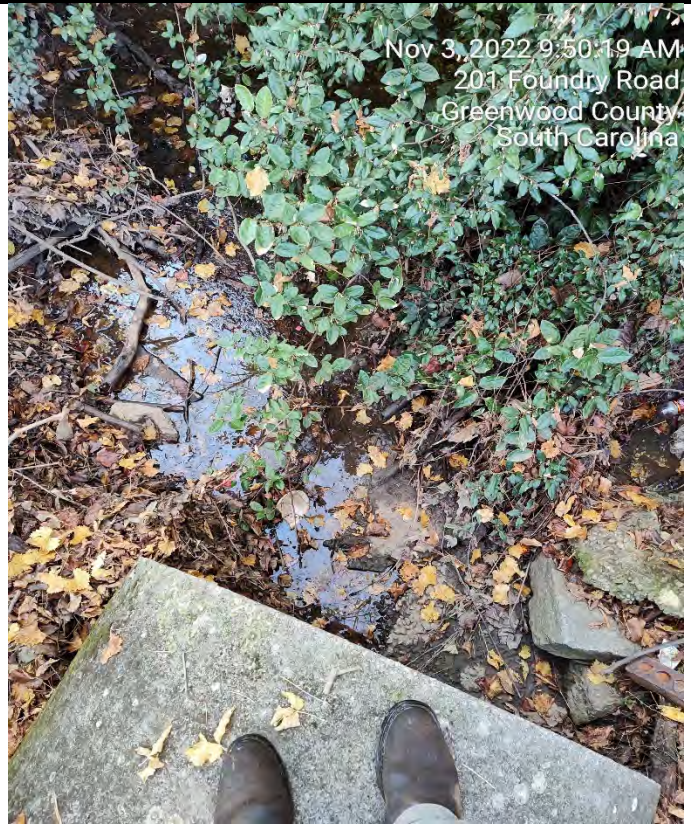
**Figure 5**  
Photographs  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785





Nov 3, 2022 10:26:37 AM  
310 Foundry Road  
Greenwood County  
South Carolina

SW-5 Location



Nov 3, 2022 9:50:19 AM  
201 Foundry Road  
Greenwood County  
South Carolina

SW-6 Location



Nov 2, 2022 4:46:37 PM  
102 Pinelake Drive  
Greenwood County  
South Carolina

Interception Trench Photo #1



Nov 2, 2022 4:47:02 PM  
102 Pinelake Drive  
Greenwood County  
South Carolina

Interception Trench Photo #2



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

**Figure 6**  
Photographs  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785





Interception Trench Photo #3



Interception Trench Photo # 4



MW-1 Free Product



MW-9 Free Product



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

**Figure 7**  
Photographs  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785





Nov 2, 2022 3:36:08 PM  
1744 Main Street South  
Greenwood County  
South Carolina

MW-12 Free Product



Nov 2, 2022 3:33:07 PM  
1802 Main Street South  
Greenwood County  
South Carolina

MW-13 Free Product



Nov 2, 2022 4:51:10 PM  
106 Foundry Road  
Greenwood County  
South Carolina

MW-18 Free Product



**KLM Environmental, LLC**

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

**Figure 8**  
Photographs  
Quick Pantry # 19  
Greenwood, SC  
UST # 04785



## APPENDIX B

### Laboratory Data / Sampling Sheets



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

November 17, 2022

Mark Keller  
KLM Environmental, LLC

118 Springhall Dr Ste E  
Goose Creek SC 29445

RE: Quick Pantry # 19

Dear Mark Keller:

Order No: 2211603

Analytical Environmental Services, Inc. received 32 samples on November 4, 2022 9:45 am for the analyses presented in following report.

“No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES’ certifications are as follows:

-South Carolina Certification number 98016003 for Clean Water Act and for Solid and Hazardous Waste, effective until 6/30/23.

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

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

Sincerely,

Eben Buchanan  
Project Manager



COMPANY: <b>KLM Environmental LLC</b>		ADDRESS: <b>PO Box 2704 Goose Creek, SC 29445</b>			ANALYSIS REQUESTED						Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.	Number of Containers												
PHONE:		EMAIL: <b>mkeller131@comcast.net</b>			<table border="1" style="width:100%; height: 100px;"> <tr> <td style="width: 10%; text-align: center;">BTEX, N, M</td> <td style="width: 10%; text-align: center;">1,2-DCA</td> <td style="width: 10%; text-align: center;">6ays</td> <td style="width: 10%; text-align: center;">EDB</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> </table>								BTEX, N, M	1,2-DCA	6ays	EDB								
BTEX, N, M	1,2-DCA	6ays	EDB																					
SAMPLED BY: <b>Graham Robinson</b>		SIGNATURE: 																						
#	SAMPLE ID	SAMPLED:		GRAB	COMPOSITE	MATRIX (see codes)	PRESERVATION (see codes)						REMARKS											
		DATE	TIME				H+	H+	H+															
1	# 04785	MW-1	11-2-22 1540	X		GW	X	X	X															
2		MW-6	11-2-22 1300																					
3		MW-7	11-2-22 1620																					
4		MW-9	11-2-22 1700																					
5		MW-10	11-3-22 900																					
6		MW-11	11-3-22 940																					
7		MW-12	11-2-22 1800																					
8		MW-13	11-2-22 1720																					
9		MW-14	11-2-22 1940																					
10		MW-15	11-3-22 1400																					
11		MW-16	11-3-22 1420																					
12		MW-17	11-2-22 1840																					
13		MW-19	11-3-22 1040																					
14	*	MW-20	11-3-22 1300	*		*	*	*	*															

RELINQUISHED BY: 		DATE/TIME: <b>11-3-22/1700</b>	RECEIVED BY: 	DATE/TIME: <b>11-04-22 0945</b>	PROJECT INFORMATION			RECEIPT	
1.			 <span style="font-size: 2em; border: 1px solid black; border-radius: 50%; padding: 5px;">1-8-17</span>		PROJECT NAME: <b>Quick Pantry # 19</b>			Total # of Containers	
2.					PROJECT #:			Turnaround Time (TAT) Request in Business Days	
3.					SITE ADDRESS:			<input type="checkbox"/> Standard <input type="checkbox"/> 4-Day Rush* <input type="checkbox"/> 3-Day Rush* <input type="checkbox"/> 2-Day Rush* <input type="checkbox"/> Next Day Rush* <input type="checkbox"/> Other _____ <input type="checkbox"/> Same-Day Rush* (auth req.) *Surcharges apply for Rush TAT	
SPECIAL INSTRUCTIONS/COMMENTS:			SHIPMENT METHOD		SEND REPORT TO: <b>Mark Keller</b>			REGULATORY PROGRAM (if any):	
			OUT: / /    VIA: IN: / /    VIA: Client <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">FedEx</span> UPS    US mail    courier other: _____		INVOICE TO (IF DIFFERENT FROM ABOVE):			DATA PACKAGE: <input type="radio"/> I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/> O	
					QUOTE #:			PO#:	

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.











**Client:** KLM Environmental, LLC  
**Project:** Quick Pantry # 19  
**Lab ID:** 2211603

**Case Narrative**

Volatiles Organic Compounds Analysis by Method 8260D

Due to sample matrix, samples 2211603-001A, -004A, -007A, & 009A required dilution during preparation and/or analysis resulting in elevated reporting limits.

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 3:40:00 PM
<b>Lab ID:</b> 2211603-001	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	25000	500		ug/L	346085	500	11/07/2022 16:47	CM
Toluene	46000	500		ug/L	346085	500	11/07/2022 16:47	CM
Ethylbenzene	3600	500		ug/L	346085	500	11/07/2022 16:47	CM
Xylenes, Total	20000	500		ug/L	346085	500	11/07/2022 16:47	CM
Methyl tert-butyl ether	3900	500		ug/L	346085	500	11/07/2022 16:47	CM
Naphthalene	BRL	2500		ug/L	346085	500	11/07/2022 16:47	CM
1,2-Dichloroethane	BRL	500		ug/L	346085	500	11/07/2022 16:47	CM
Ethyl tert-butyl ether	BRL	5000		ug/L	346085	500	11/07/2022 16:47	CM
tert-Amyl methyl ether	BRL	5000		ug/L	346085	500	11/07/2022 16:47	CM
Isopropyl ether	9500	5000		ug/L	346085	500	11/07/2022 16:47	CM
tert-Butyl Alcohol	BRL	50000		ug/L	346085	500	11/07/2022 16:47	CM
tert-Amyl alcohol	BRL	50000		ug/L	346085	500	11/07/2022 16:47	CM
tert-Butyl formate	BRL	50000		ug/L	346085	500	11/07/2022 16:47	CM
Ethanol	16000000	5000000		ug/L	346085	50000	11/08/2022 16:42	CM
3,3-Dimethyl-1-butanol	BRL	50000		ug/L	346085	500	11/07/2022 16:47	CM
Surr: 4-Bromofluorobenzene	102	75-118		%REC	346085	50000	11/08/2022 16:42	CM
Surr: 4-Bromofluorobenzene	100	75-118		%REC	346085	500	11/07/2022 16:47	CM
Surr: Dibromofluoromethane	105	82.5-121		%REC	346085	50000	11/08/2022 16:42	CM
Surr: Dibromofluoromethane	104	82.5-121		%REC	346085	500	11/07/2022 16:47	CM
Surr: Toluene-d8	94	78.3-118		%REC	346085	50000	11/08/2022 16:42	CM
Surr: Toluene-d8	96.8	78.3-118		%REC	346085	500	11/07/2022 16:47	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 15:25	TB
Surr: 4-Bromofluorobenzene	130	69.7-138		%REC	345993	1	11/10/2022 15:25	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-6
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 1:00:00 PM
<b>Lab ID:</b> 2211603-002	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 15:16	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 15:16	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 15:16	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 15:16	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 15:16	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 15:16	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 15:16	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 15:16	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 15:16	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 15:16	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 15:16	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 15:16	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 15:16	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 15:16	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 15:16	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	346003	1	11/05/2022 15:16	CM
Surr: Dibromofluoromethane	103	82.5-121		%REC	346003	1	11/05/2022 15:16	CM
Surr: Toluene-d8	94.5	78.3-118		%REC	346003	1	11/05/2022 15:16	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 15:42	TB
Surr: 4-Bromofluorobenzene	90.8	69.7-138		%REC	345993	1	11/10/2022 15:42	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-7
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 4:20:00 PM
<b>Lab ID:</b> 2211603-003	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	3000	50		ug/L	346085	50	11/07/2022 20:07	CM
Toluene	4300	50		ug/L	346085	50	11/07/2022 20:07	CM
Ethylbenzene	580	5.0		ug/L	346085	5	11/08/2022 20:00	CM
Xylenes, Total	4100	50		ug/L	346085	50	11/07/2022 20:07	CM
Methyl tert-butyl ether	69	1.0		ug/L	346085	1	11/08/2022 19:10	CM
Naphthalene	170	5.0		ug/L	346085	1	11/08/2022 19:10	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346085	1	11/08/2022 19:10	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346085	1	11/08/2022 19:10	CM
tert-Amyl methyl ether	28	10		ug/L	346085	1	11/08/2022 19:10	CM
Isopropyl ether	310	10		ug/L	346085	1	11/08/2022 19:10	CM
tert-Butyl Alcohol	BRL	100		ug/L	346085	1	11/08/2022 19:10	CM
tert-Amyl alcohol	420	100		ug/L	346085	1	11/08/2022 19:10	CM
tert-Butyl formate	BRL	100		ug/L	346085	1	11/08/2022 19:10	CM
Ethanol	BRL	100		ug/L	346085	1	11/08/2022 19:10	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346085	1	11/08/2022 19:10	CM
Surr: 4-Bromofluorobenzene	95.7	75-118		%REC	346085	5	11/08/2022 20:00	CM
Surr: 4-Bromofluorobenzene	99.3	75-118		%REC	346085	50	11/07/2022 20:07	CM
Surr: 4-Bromofluorobenzene	96.6	75-118		%REC	346085	1	11/08/2022 19:10	CM
Surr: Dibromofluoromethane	92.6	82.5-121		%REC	346085	5	11/08/2022 20:00	CM
Surr: Dibromofluoromethane	102	82.5-121		%REC	346085	50	11/07/2022 20:07	CM
Surr: Dibromofluoromethane	90.7	82.5-121		%REC	346085	1	11/08/2022 19:10	CM
Surr: Toluene-d8	102	78.3-118		%REC	346085	5	11/08/2022 20:00	CM
Surr: Toluene-d8	107	78.3-118		%REC	346085	1	11/08/2022 19:10	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 15:58	TB
Surr: 4-Bromofluorobenzene	103	69.7-138		%REC	345993	1	11/10/2022 15:58	TB

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

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-9
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 5:00:00 PM
<b>Lab ID:</b> 2211603-004	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	8900	500		ug/L	346085	500	11/08/2022 18:46	CM
Toluene	22000	500		ug/L	346085	500	11/08/2022 18:46	CM
Ethylbenzene	2100	500		ug/L	346085	500	11/08/2022 18:46	CM
Xylenes, Total	12000	500		ug/L	346085	500	11/08/2022 18:46	CM
Methyl tert-butyl ether	BRL	10		ug/L	346085	10	11/08/2022 18:21	CM
Naphthalene	560	50		ug/L	346085	10	11/08/2022 18:21	CM
1,2-Dichloroethane	BRL	10		ug/L	346085	10	11/08/2022 18:21	CM
Ethyl tert-butyl ether	BRL	100		ug/L	346085	10	11/08/2022 18:21	CM
tert-Amyl methyl ether	BRL	100		ug/L	346085	10	11/08/2022 18:21	CM
Isopropyl ether	770	100		ug/L	346085	10	11/08/2022 18:21	CM
tert-Butyl Alcohol	BRL	1000		ug/L	346085	10	11/08/2022 18:21	CM
tert-Amyl alcohol	3600	1000		ug/L	346085	10	11/08/2022 18:21	CM
tert-Butyl formate	BRL	1000		ug/L	346085	10	11/08/2022 18:21	CM
Ethanol	290000	50000		ug/L	346085	500	11/08/2022 18:46	CM
3,3-Dimethyl-1-butanol	BRL	1000		ug/L	346085	10	11/08/2022 18:21	CM
Surr: 4-Bromofluorobenzene	100	75-118		%REC	346085	500	11/08/2022 18:46	CM
Surr: 4-Bromofluorobenzene	93.5	75-118		%REC	346085	10	11/08/2022 18:21	CM
Surr: Dibromofluoromethane	101	82.5-121		%REC	346085	500	11/08/2022 18:46	CM
Surr: Dibromofluoromethane	94.4	82.5-121		%REC	346085	10	11/08/2022 18:21	CM
Surr: Toluene-d8	95.4	78.3-118		%REC	346085	500	11/08/2022 18:46	CM
Surr: Toluene-d8	101	78.3-118		%REC	346085	10	11/08/2022 18:21	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 16:16	TB
Surr: 4-Bromofluorobenzene	145	69.7-138	S	%REC	345993	1	11/10/2022 16:16	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-10
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/3/2022 9:00:00 AM
<b>Lab ID:</b> 2211603-005	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 15:41	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 15:41	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 15:41	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 15:41	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 15:41	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 15:41	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 15:41	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 15:41	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 15:41	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 15:41	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 15:41	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 15:41	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 15:41	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 15:41	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 15:41	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	346003	1	11/05/2022 15:41	CM
Surr: Dibromofluoromethane	105	82.5-121		%REC	346003	1	11/05/2022 15:41	CM
Surr: Toluene-d8	95.4	78.3-118		%REC	346003	1	11/05/2022 15:41	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 16:33	TB
Surr: 4-Bromofluorobenzene	95.4	69.7-138		%REC	345993	1	11/10/2022 16:33	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-11
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/3/2022 9:40:00 AM
<b>Lab ID:</b> 2211603-006	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 16:06	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 16:06	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 16:06	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 16:06	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 16:06	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 16:06	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 16:06	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 16:06	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 16:06	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 16:06	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 16:06	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 16:06	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 16:06	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 16:06	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 16:06	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	346003	1	11/05/2022 16:06	CM
Surr: Dibromofluoromethane	105	82.5-121		%REC	346003	1	11/05/2022 16:06	CM
Surr: Toluene-d8	94.8	78.3-118		%REC	346003	1	11/05/2022 16:06	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 17:07	TB
Surr: 4-Bromofluorobenzene	102	69.7-138		%REC	345993	1	11/10/2022 17:07	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-12
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 6:00:00 PM
<b>Lab ID:</b> 2211603-007	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	12000	500		ug/L	346085	500	11/07/2022 18:52	CM
Toluene	21000	500		ug/L	346085	500	11/07/2022 18:52	CM
Ethylbenzene	2500	50		ug/L	346085	50	11/07/2022 18:27	CM
Xylenes, Total	13000	50		ug/L	346085	50	11/07/2022 18:27	CM
Methyl tert-butyl ether	220	10		ug/L	346085	10	11/08/2022 21:39	CM
Naphthalene	500	50		ug/L	346085	10	11/08/2022 21:39	CM
1,2-Dichloroethane	BRL	10		ug/L	346085	10	11/08/2022 21:39	CM
Ethyl tert-butyl ether	BRL	100		ug/L	346085	10	11/08/2022 21:39	CM
tert-Amyl methyl ether	200	100		ug/L	346085	10	11/08/2022 21:39	CM
Isopropyl ether	2200	100		ug/L	346085	10	11/08/2022 21:39	CM
tert-Butyl Alcohol	BRL	1000		ug/L	346085	10	11/08/2022 21:39	CM
tert-Amyl alcohol	5200	1000		ug/L	346085	10	11/08/2022 21:39	CM
tert-Butyl formate	BRL	1000		ug/L	346085	10	11/08/2022 21:39	CM
Ethanol	BRL	1000		ug/L	346085	10	11/08/2022 21:39	CM
3,3-Dimethyl-1-butanol	BRL	1000		ug/L	346085	10	11/08/2022 21:39	CM
Surr: 4-Bromofluorobenzene	97.9	75-118		%REC	346085	50	11/07/2022 18:27	CM
Surr: 4-Bromofluorobenzene	99.5	75-118		%REC	346085	500	11/07/2022 18:52	CM
Surr: 4-Bromofluorobenzene	92.8	75-118		%REC	346085	10	11/08/2022 21:39	CM
Surr: Dibromofluoromethane	99.9	82.5-121		%REC	346085	50	11/07/2022 18:27	CM
Surr: Dibromofluoromethane	103	82.5-121		%REC	346085	500	11/07/2022 18:52	CM
Surr: Dibromofluoromethane	92.9	82.5-121		%REC	346085	10	11/08/2022 21:39	CM
Surr: Toluene-d8	96.2	78.3-118		%REC	346085	500	11/07/2022 18:52	CM
Surr: Toluene-d8	98.5	78.3-118		%REC	346085	50	11/07/2022 18:27	CM
Surr: Toluene-d8	100	78.3-118		%REC	346085	10	11/08/2022 21:39	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 17:24	TB
Surr: 4-Bromofluorobenzene	207	69.7-138	S	%REC	345993	1	11/10/2022 17:24	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-13
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 5:20:00 PM
<b>Lab ID:</b> 2211603-008	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	9400	200		ug/L	346085	200	11/08/2022 19:35	CM
Toluene	21000	200		ug/L	346085	200	11/08/2022 19:35	CM
Ethylbenzene	2100	20		ug/L	346085	20	11/07/2022 21:47	CM
Xylenes, Total	11000	20		ug/L	346085	20	11/07/2022 21:47	CM
Methyl tert-butyl ether	130	1.0		ug/L	346085	1	11/07/2022 21:22	CM
Naphthalene	570	100		ug/L	346085	20	11/07/2022 21:47	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346085	1	11/07/2022 21:22	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346085	1	11/07/2022 21:22	CM
tert-Amyl methyl ether	150	10		ug/L	346085	1	11/07/2022 21:22	CM
Isopropyl ether	760	10		ug/L	346085	1	11/07/2022 21:22	CM
tert-Butyl Alcohol	BRL	100		ug/L	346085	1	11/07/2022 21:22	CM
tert-Amyl alcohol	1800	100		ug/L	346085	1	11/07/2022 21:22	CM
tert-Butyl formate	BRL	100		ug/L	346085	1	11/07/2022 21:22	CM
Ethanol	BRL	100		ug/L	346085	1	11/07/2022 21:22	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346085	1	11/07/2022 21:22	CM
Surr: 4-Bromofluorobenzene	99.4	75-118		%REC	346085	1	11/07/2022 21:22	CM
Surr: 4-Bromofluorobenzene	96.2	75-118		%REC	346085	20	11/07/2022 21:47	CM
Surr: Dibromofluoromethane	90.5	82.5-121		%REC	346085	1	11/07/2022 21:22	CM
Surr: Dibromofluoromethane	92.7	82.5-121		%REC	346085	20	11/07/2022 21:47	CM
Surr: Toluene-d8	102	78.3-118		%REC	346085	20	11/07/2022 21:47	CM
Surr: Toluene-d8	105	78.3-118		%REC	346085	1	11/07/2022 21:22	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 17:41	TB
Surr: 4-Bromofluorobenzene	128	69.7-138		%REC	345993	1	11/10/2022 17:41	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-14
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 7:40:00 PM
<b>Lab ID:</b> 2211603-009	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	1800	10		ug/L	346085	10	11/08/2022 20:49	CM
Toluene	6800	50		ug/L	346085	50	11/07/2022 19:17	CM
Ethylbenzene	940	10		ug/L	346085	10	11/08/2022 20:49	CM
Xylenes, Total	4900	10		ug/L	346085	10	11/08/2022 20:49	CM
Methyl tert-butyl ether	BRL	10		ug/L	346085	10	11/08/2022 20:49	CM
Naphthalene	290	50		ug/L	346085	10	11/08/2022 20:49	CM
1,2-Dichloroethane	BRL	10		ug/L	346085	10	11/08/2022 20:49	CM
Ethyl tert-butyl ether	BRL	100		ug/L	346085	10	11/08/2022 20:49	CM
tert-Amyl methyl ether	BRL	100		ug/L	346085	10	11/08/2022 20:49	CM
Isopropyl ether	130	100		ug/L	346085	10	11/08/2022 20:49	CM
tert-Butyl Alcohol	BRL	1000		ug/L	346085	10	11/08/2022 20:49	CM
tert-Amyl alcohol	BRL	1000		ug/L	346085	10	11/08/2022 20:49	CM
tert-Butyl formate	BRL	1000		ug/L	346085	10	11/08/2022 20:49	CM
Ethanol	BRL	1000		ug/L	346085	10	11/08/2022 20:49	CM
3,3-Dimethyl-1-butanol	BRL	1000		ug/L	346085	10	11/08/2022 20:49	CM
Surr: 4-Bromofluorobenzene	99.4	75-118		%REC	346085	50	11/07/2022 19:17	CM
Surr: 4-Bromofluorobenzene	96.3	75-118		%REC	346085	10	11/08/2022 20:49	CM
Surr: Dibromofluoromethane	102	82.5-121		%REC	346085	50	11/07/2022 19:17	CM
Surr: Dibromofluoromethane	95.6	82.5-121		%REC	346085	10	11/08/2022 20:49	CM
Surr: Toluene-d8	98.7	78.3-118		%REC	346085	50	11/07/2022 19:17	CM
Surr: Toluene-d8	99.3	78.3-118		%REC	346085	10	11/08/2022 20:49	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 17:58	TB
Surr: 4-Bromofluorobenzene	97	69.7-138		%REC	345993	1	11/10/2022 17:58	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-15
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/3/2022 2:00:00 PM
<b>Lab ID:</b> 2211603-010	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 16:31	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 16:31	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 16:31	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 16:31	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 16:31	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 16:31	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 16:31	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 16:31	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 16:31	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 16:31	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 16:31	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 16:31	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 16:31	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 16:31	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 16:31	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	346003	1	11/05/2022 16:31	CM
Surr: Dibromofluoromethane	105	82.5-121		%REC	346003	1	11/05/2022 16:31	CM
Surr: Toluene-d8	93.5	78.3-118		%REC	346003	1	11/05/2022 16:31	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 18:15	TB
Surr: 4-Bromofluorobenzene	101	69.7-138		%REC	345993	1	11/10/2022 18:15	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-16
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/3/2022 2:20:00 PM
<b>Lab ID:</b> 2211603-011	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 16:56	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 16:56	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 16:56	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 16:56	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 16:56	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 16:56	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 16:56	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 16:56	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 16:56	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 16:56	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 16:56	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 16:56	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 16:56	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 16:56	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 16:56	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	346003	1	11/05/2022 16:56	CM
Surr: Dibromofluoromethane	105	82.5-121		%REC	346003	1	11/05/2022 16:56	CM
Surr: Toluene-d8	93.6	78.3-118		%REC	346003	1	11/05/2022 16:56	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 18:32	TB
Surr: 4-Bromofluorobenzene	99.5	69.7-138		%REC	345993	1	11/10/2022 18:32	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-17
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 6:40:00 PM
<b>Lab ID:</b> 2211603-012	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346085	1	11/08/2022 17:06	CM
Toluene	BRL	1.0		ug/L	346085	1	11/08/2022 17:06	CM
Ethylbenzene	BRL	1.0		ug/L	346085	1	11/08/2022 17:06	CM
Xylenes, Total	BRL	1.0		ug/L	346085	1	11/08/2022 17:06	CM
Methyl tert-butyl ether	130	1.0		ug/L	346085	1	11/08/2022 17:06	CM
Naphthalene	BRL	5.0		ug/L	346085	1	11/08/2022 17:06	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346085	1	11/08/2022 17:06	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346085	1	11/08/2022 17:06	CM
tert-Amyl methyl ether	73	10		ug/L	346085	1	11/08/2022 17:06	CM
Isopropyl ether	990	100		ug/L	346085	10	11/07/2022 22:37	CM
tert-Butyl Alcohol	BRL	100		ug/L	346085	1	11/08/2022 17:06	CM
tert-Amyl alcohol	1000	100		ug/L	346085	1	11/08/2022 17:06	CM
tert-Butyl formate	BRL	100		ug/L	346085	1	11/08/2022 17:06	CM
Ethanol	BRL	100		ug/L	346085	1	11/08/2022 17:06	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346085	1	11/08/2022 17:06	CM
Surr: 4-Bromofluorobenzene	99.7	75-118		%REC	346085	1	11/08/2022 17:06	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	346085	10	11/07/2022 22:37	CM
Surr: Dibromofluoromethane	102	82.5-121		%REC	346085	1	11/08/2022 17:06	CM
Surr: Dibromofluoromethane	103	82.5-121		%REC	346085	10	11/07/2022 22:37	CM
Surr: Toluene-d8	95.2	78.3-118		%REC	346085	1	11/08/2022 17:06	CM
Surr: Toluene-d8	94.1	78.3-118		%REC	346085	10	11/07/2022 22:37	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 19:06	TB
Surr: 4-Bromofluorobenzene	99.4	69.7-138		%REC	345993	1	11/10/2022 19:06	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-19
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/3/2022 10:40:00 AM
<b>Lab ID:</b> 2211603-013	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	4.3	1.0		ug/L	346003	1	11/05/2022 17:20	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 17:20	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 17:20	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 17:20	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 17:20	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 17:20	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 17:20	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 17:20	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 17:20	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 17:20	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 17:20	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 17:20	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 17:20	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 17:20	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 17:20	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	346003	1	11/05/2022 17:20	CM
Surr: Dibromofluoromethane	105	82.5-121		%REC	346003	1	11/05/2022 17:20	CM
Surr: Toluene-d8	92.9	78.3-118		%REC	346003	1	11/05/2022 17:20	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 19:23	TB
Surr: 4-Bromofluorobenzene	107	69.7-138		%REC	345993	1	11/10/2022 19:23	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-20
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/3/2022 1:00:00 PM
<b>Lab ID:</b> 2211603-014	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	940	10		ug/L	346085	10	11/07/2022 23:27	CM
Toluene	BRL	1.0		ug/L	346085	1	11/07/2022 23:02	CM
Ethylbenzene	BRL	1.0		ug/L	346085	1	11/07/2022 23:02	CM
Xylenes, Total	1.1	1.0		ug/L	346085	1	11/07/2022 23:02	CM
Methyl tert-butyl ether	540	10		ug/L	346085	10	11/07/2022 23:27	CM
Naphthalene	23	5.0		ug/L	346085	1	11/07/2022 23:02	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346085	1	11/07/2022 23:02	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346085	1	11/07/2022 23:02	CM
tert-Amyl methyl ether	90	10		ug/L	346085	1	11/07/2022 23:02	CM
Isopropyl ether	1000	100		ug/L	346085	10	11/07/2022 23:27	CM
tert-Butyl Alcohol	BRL	100		ug/L	346085	1	11/07/2022 23:02	CM
tert-Amyl alcohol	860	100		ug/L	346085	1	11/07/2022 23:02	CM
tert-Butyl formate	BRL	100		ug/L	346085	1	11/07/2022 23:02	CM
Ethanol	BRL	100		ug/L	346085	1	11/07/2022 23:02	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346085	1	11/07/2022 23:02	CM
Surr: 4-Bromofluorobenzene	98.8	75-118		%REC	346085	1	11/07/2022 23:02	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	346085	10	11/07/2022 23:27	CM
Surr: Dibromofluoromethane	100	82.5-121		%REC	346085	1	11/07/2022 23:02	CM
Surr: Dibromofluoromethane	106	82.5-121		%REC	346085	10	11/07/2022 23:27	CM
Surr: Toluene-d8	93.8	78.3-118		%REC	346085	10	11/07/2022 23:27	CM
Surr: Toluene-d8	94.6	78.3-118		%REC	346085	1	11/07/2022 23:02	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.021		ug/L	345993	1	11/10/2022 20:14	TB
Surr: 4-Bromofluorobenzene	102	69.7-138		%REC	345993	1	11/10/2022 20:14	TB

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
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- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-21
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/3/2022 2:40:00 PM
<b>Lab ID:</b> 2211603-015	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 17:46	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 17:46	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 17:46	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 17:46	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 17:46	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 17:46	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 17:46	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 17:46	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 17:46	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 17:46	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 17:46	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 17:46	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 17:46	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 17:46	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 17:46	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	346003	1	11/05/2022 17:46	CM
Surr: Dibromofluoromethane	105	82.5-121		%REC	346003	1	11/05/2022 17:46	CM
Surr: Toluene-d8	93	78.3-118		%REC	346003	1	11/05/2022 17:46	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 20:31	TB
Surr: 4-Bromofluorobenzene	105	69.7-138		%REC	345993	1	11/10/2022 20:31	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-22
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/3/2022 11:40:00 AM
<b>Lab ID:</b> 2211603-016	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 19:25	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 19:25	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 19:25	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 19:25	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 19:25	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 19:25	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 19:25	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 19:25	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 19:25	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 19:25	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 19:25	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 19:25	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 19:25	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 19:25	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 19:25	CM
Surr: 4-Bromofluorobenzene	100	75-118		%REC	346003	1	11/05/2022 19:25	CM
Surr: Dibromofluoromethane	107	82.5-121		%REC	346003	1	11/05/2022 19:25	CM
Surr: Toluene-d8	93.2	78.3-118		%REC	346003	1	11/05/2022 19:25	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 20:48	TB
Surr: 4-Bromofluorobenzene	102	69.7-138		%REC	345993	1	11/10/2022 20:48	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-23
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/3/2022 12:20:00 PM
<b>Lab ID:</b> 2211603-017	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 19:50	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 19:50	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 19:50	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 19:50	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 19:50	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 19:50	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 19:50	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 19:50	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 19:50	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 19:50	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 19:50	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 19:50	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 19:50	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 19:50	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 19:50	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	346003	1	11/05/2022 19:50	CM
Surr: Dibromofluoromethane	108	82.5-121		%REC	346003	1	11/05/2022 19:50	CM
Surr: Toluene-d8	91.8	78.3-118		%REC	346003	1	11/05/2022 19:50	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.019		ug/L	345993	1	11/10/2022 21:05	TB
Surr: 4-Bromofluorobenzene	98.7	69.7-138		%REC	345993	1	11/10/2022 21:05	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-24
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/3/2022 12:00:00 PM
<b>Lab ID:</b> 2211603-018	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 20:15	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 20:15	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 20:15	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 20:15	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 20:15	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 20:15	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 20:15	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 20:15	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 20:15	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 20:15	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 20:15	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 20:15	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 20:15	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 20:15	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 20:15	CM
Surr: 4-Bromofluorobenzene	98.4	75-118		%REC	346003	1	11/05/2022 20:15	CM
Surr: Dibromofluoromethane	108	82.5-121		%REC	346003	1	11/05/2022 20:15	CM
Surr: Toluene-d8	92.1	78.3-118		%REC	346003	1	11/05/2022 20:15	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345993	1	11/10/2022 21:22	TB
Surr: 4-Bromofluorobenzene	97.6	69.7-138		%REC	345993	1	11/10/2022 21:22	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 MW-25
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/3/2022 10:00:00 AM
<b>Lab ID:</b> 2211603-019	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 20:40	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 20:40	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 20:40	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 20:40	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 20:40	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 20:40	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 20:40	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 20:40	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 20:40	CM
Isopropyl ether	44	10		ug/L	346003	1	11/05/2022 20:40	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 20:40	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 20:40	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 20:40	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 20:40	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 20:40	CM
Surr: 4-Bromofluorobenzene	99.5	75-118		%REC	346003	1	11/05/2022 20:40	CM
Surr: Dibromofluoromethane	108	82.5-121		%REC	346003	1	11/05/2022 20:40	CM
Surr: Toluene-d8	92.9	78.3-118		%REC	346003	1	11/05/2022 20:40	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.021		ug/L	345994	1	11/11/2022 11:05	TB
Surr: 4-Bromofluorobenzene	104	69.7-138		%REC	345994	1	11/11/2022 11:05	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 DW-1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 2:20:00 PM
<b>Lab ID:</b> 2211603-020	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	15	1.0		ug/L	346003	1	11/05/2022 22:43	CM
Toluene	19	1.0		ug/L	346003	1	11/05/2022 22:43	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 22:43	CM
Xylenes, Total	4.4	1.0		ug/L	346003	1	11/05/2022 22:43	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 22:43	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 22:43	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 22:43	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 22:43	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 22:43	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 22:43	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 22:43	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 22:43	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 22:43	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 22:43	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 22:43	CM
Surr: 4-Bromofluorobenzene	99.2	75-118		%REC	346003	1	11/05/2022 22:43	CM
Surr: Dibromofluoromethane	106	82.5-121		%REC	346003	1	11/05/2022 22:43	CM
Surr: Toluene-d8	94	78.3-118		%REC	346003	1	11/05/2022 22:43	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345994	1	11/11/2022 11:39	TB
Surr: 4-Bromofluorobenzene	110	69.7-138		%REC	345994	1	11/11/2022 11:39	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 DW-2
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 6:20:00 PM
<b>Lab ID:</b> 2211603-021	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 21:05	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 21:05	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 21:05	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 21:05	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 21:05	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 21:05	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 21:05	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 21:05	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 21:05	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 21:05	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 21:05	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 21:05	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 21:05	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 21:05	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 21:05	CM
Surr: 4-Bromofluorobenzene	99	75-118		%REC	346003	1	11/05/2022 21:05	CM
Surr: Dibromofluoromethane	106	82.5-121		%REC	346003	1	11/05/2022 21:05	CM
Surr: Toluene-d8	93	78.3-118		%REC	346003	1	11/05/2022 21:05	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345994	1	11/11/2022 11:56	TB
Surr: 4-Bromofluorobenzene	107	69.7-138		%REC	345994	1	11/11/2022 11:56	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 DW-3
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 5:40:00 PM
<b>Lab ID:</b> 2211603-022	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 21:29	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 21:29	CM
Ethylbenzene	1.2	1.0		ug/L	346003	1	11/05/2022 21:29	CM
Xylenes, Total	8.7	1.0		ug/L	346003	1	11/05/2022 21:29	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 21:29	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 21:29	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 21:29	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 21:29	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 21:29	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 21:29	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 21:29	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 21:29	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 21:29	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 21:29	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 21:29	CM
Surr: 4-Bromofluorobenzene	99.5	75-118		%REC	346003	1	11/05/2022 21:29	CM
Surr: Dibromofluoromethane	107	82.5-121		%REC	346003	1	11/05/2022 21:29	CM
Surr: Toluene-d8	93.8	78.3-118		%REC	346003	1	11/05/2022 21:29	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345994	1	11/11/2022 12:13	TB
Surr: 4-Bromofluorobenzene	112	69.7-138		%REC	345994	1	11/11/2022 12:13	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 DW-4
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 7:20:00 PM
<b>Lab ID:</b> 2211603-023	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 21:54	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 21:54	CM
Ethylbenzene	1.5	1.0		ug/L	346003	1	11/05/2022 21:54	CM
Xylenes, Total	12	1.0		ug/L	346003	1	11/05/2022 21:54	CM
Methyl tert-butyl ether	12	1.0		ug/L	346003	1	11/05/2022 21:54	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 21:54	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 21:54	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 21:54	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 21:54	CM
Isopropyl ether	120	10		ug/L	346003	1	11/05/2022 21:54	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 21:54	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 21:54	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 21:54	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 21:54	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 21:54	CM
Surr: 4-Bromofluorobenzene	99.6	75-118		%REC	346003	1	11/05/2022 21:54	CM
Surr: Dibromofluoromethane	106	82.5-121		%REC	346003	1	11/05/2022 21:54	CM
Surr: Toluene-d8	91.5	78.3-118		%REC	346003	1	11/05/2022 21:54	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.021		ug/L	345994	1	11/11/2022 12:47	TB
Surr: 4-Bromofluorobenzene	105	69.7-138		%REC	345994	1	11/11/2022 12:47	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 SW-5
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/3/2022 1:20:00 PM
<b>Lab ID:</b> 2211603-024	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 23:08	CM
Toluene	1.2	1.0		ug/L	346003	1	11/05/2022 23:08	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 23:08	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 23:08	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 23:08	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 23:08	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 23:08	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 23:08	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 23:08	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 23:08	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 23:08	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 23:08	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 23:08	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 23:08	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 23:08	CM
Surr: 4-Bromofluorobenzene	98.6	75-118		%REC	346003	1	11/05/2022 23:08	CM
Surr: Dibromofluoromethane	105	82.5-121		%REC	346003	1	11/05/2022 23:08	CM
Surr: Toluene-d8	94.7	78.3-118		%REC	346003	1	11/05/2022 23:08	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345994	1	11/11/2022 13:04	TB
Surr: 4-Bromofluorobenzene	103	69.7-138		%REC	345994	1	11/11/2022 13:04	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 SW-6
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/3/2022 1:40:00 PM
<b>Lab ID:</b> 2211603-025	<b>Matrix:</b> Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 22:19	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 22:19	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 22:19	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 22:19	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 22:19	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 22:19	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 22:19	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 22:19	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 22:19	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 22:19	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 22:19	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 22:19	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 22:19	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 22:19	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 22:19	CM
Surr: 4-Bromofluorobenzene	99.8	75-118		%REC	346003	1	11/05/2022 22:19	CM
Surr: Dibromofluoromethane	107	82.5-121		%REC	346003	1	11/05/2022 22:19	CM
Surr: Toluene-d8	92.7	78.3-118		%REC	346003	1	11/05/2022 22:19	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345994	1	11/11/2022 13:22	TB
Surr: 4-Bromofluorobenzene	104	69.7-138		%REC	345994	1	11/11/2022 13:22	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 DUP-1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 1:05:00 PM
<b>Lab ID:</b> 2211603-026	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346085	1	11/08/2022 17:56	CM
Toluene	BRL	1.0		ug/L	346085	1	11/08/2022 17:56	CM
Ethylbenzene	BRL	1.0		ug/L	346085	1	11/08/2022 17:56	CM
Xylenes, Total	BRL	1.0		ug/L	346085	1	11/08/2022 17:56	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346085	1	11/08/2022 17:56	CM
Naphthalene	BRL	5.0		ug/L	346085	1	11/08/2022 17:56	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346085	1	11/08/2022 17:56	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346085	1	11/08/2022 17:56	CM
tert-Amyl methyl ether	BRL	10		ug/L	346085	1	11/08/2022 17:56	CM
Isopropyl ether	BRL	10		ug/L	346085	1	11/08/2022 17:56	CM
tert-Butyl Alcohol	BRL	100		ug/L	346085	1	11/08/2022 17:56	CM
tert-Amyl alcohol	BRL	100		ug/L	346085	1	11/08/2022 17:56	CM
tert-Butyl formate	BRL	100		ug/L	346085	1	11/08/2022 17:56	CM
Ethanol	BRL	100		ug/L	346085	1	11/08/2022 17:56	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346085	1	11/08/2022 17:56	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	346085	1	11/08/2022 17:56	CM
Surr: Dibromofluoromethane	108	82.5-121		%REC	346085	1	11/08/2022 17:56	CM
Surr: Toluene-d8	92.7	78.3-118		%REC	346085	1	11/08/2022 17:56	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345994	1	11/11/2022 13:56	TB
Surr: 4-Bromofluorobenzene	106	69.7-138		%REC	345994	1	11/11/2022 13:56	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 DUP-2
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 6:45:00 PM
<b>Lab ID:</b> 2211603-027	<b>Matrix:</b> Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346085	1	11/08/2022 17:31	CM
Toluene	BRL	1.0		ug/L	346085	1	11/08/2022 17:31	CM
Ethylbenzene	BRL	1.0		ug/L	346085	1	11/08/2022 17:31	CM
Xylenes, Total	BRL	1.0		ug/L	346085	1	11/08/2022 17:31	CM
Methyl tert-butyl ether	140	1.0		ug/L	346085	1	11/08/2022 17:31	CM
Naphthalene	BRL	5.0		ug/L	346085	1	11/08/2022 17:31	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346085	1	11/08/2022 17:31	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346085	1	11/08/2022 17:31	CM
tert-Amyl methyl ether	75	10		ug/L	346085	1	11/08/2022 17:31	CM
Isopropyl ether	870	500		ug/L	346085	50	11/07/2022 20:33	CM
tert-Butyl Alcohol	BRL	100		ug/L	346085	1	11/08/2022 17:31	CM
tert-Amyl alcohol	1200	100		ug/L	346085	1	11/08/2022 17:31	CM
tert-Butyl formate	BRL	100		ug/L	346085	1	11/08/2022 17:31	CM
Ethanol	BRL	100		ug/L	346085	1	11/08/2022 17:31	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346085	1	11/08/2022 17:31	CM
Surr: 4-Bromofluorobenzene	98.8	75-118		%REC	346085	50	11/07/2022 20:33	CM
Surr: 4-Bromofluorobenzene	98.9	75-118		%REC	346085	1	11/08/2022 17:31	CM
Surr: Dibromofluoromethane	105	82.5-121		%REC	346085	50	11/07/2022 20:33	CM
Surr: Dibromofluoromethane	108	82.5-121		%REC	346085	1	11/08/2022 17:31	CM
Surr: Toluene-d8	95.9	78.3-118		%REC	346085	50	11/07/2022 20:33	CM
Surr: Toluene-d8	96	78.3-118		%REC	346085	1	11/08/2022 17:31	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345994	1	11/11/2022 14:13	TB
Surr: 4-Bromofluorobenzene	99.7	69.7-138		%REC	345994	1	11/11/2022 14:13	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 EQUIPMENT BLANK-1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 7:50:00 PM
<b>Lab ID:</b> 2211603-028	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 19:00	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 19:00	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 19:00	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 19:00	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 19:00	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 19:00	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 19:00	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 19:00	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 19:00	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 19:00	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 19:00	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 19:00	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 19:00	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 19:00	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 19:00	CM
Surr: 4-Bromofluorobenzene	99.1	75-118		%REC	346003	1	11/05/2022 19:00	CM
Surr: Dibromofluoromethane	105	82.5-121		%REC	346003	1	11/05/2022 19:00	CM
Surr: Toluene-d8	93.8	78.3-118		%REC	346003	1	11/05/2022 19:00	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345994	1	11/11/2022 14:30	TB
Surr: 4-Bromofluorobenzene	100	69.7-138		%REC	345994	1	11/11/2022 14:30	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 FIELD BLANK-1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022 7:55:00 PM
<b>Lab ID:</b> 2211603-029	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 18:35	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 18:35	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 18:35	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 18:35	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 18:35	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 18:35	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 18:35	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 18:35	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 18:35	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 18:35	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 18:35	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 18:35	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 18:35	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 18:35	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 18:35	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	346003	1	11/05/2022 18:35	CM
Surr: Dibromofluoromethane	106	82.5-121		%REC	346003	1	11/05/2022 18:35	CM
Surr: Toluene-d8	93.7	78.3-118		%REC	346003	1	11/05/2022 18:35	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345994	1	11/11/2022 14:48	TB
Surr: 4-Bromofluorobenzene	101	69.7-138		%REC	345994	1	11/11/2022 14:48	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> #04785 FIELD BLANK-2
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/3/2022 3:05:00 PM
<b>Lab ID:</b> 2211603-030	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346003	1	11/05/2022 18:10	CM
Toluene	BRL	1.0		ug/L	346003	1	11/05/2022 18:10	CM
Ethylbenzene	BRL	1.0		ug/L	346003	1	11/05/2022 18:10	CM
Xylenes, Total	BRL	1.0		ug/L	346003	1	11/05/2022 18:10	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346003	1	11/05/2022 18:10	CM
Naphthalene	BRL	5.0		ug/L	346003	1	11/05/2022 18:10	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346003	1	11/05/2022 18:10	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346003	1	11/05/2022 18:10	CM
tert-Amyl methyl ether	BRL	10		ug/L	346003	1	11/05/2022 18:10	CM
Isopropyl ether	BRL	10		ug/L	346003	1	11/05/2022 18:10	CM
tert-Butyl Alcohol	BRL	100		ug/L	346003	1	11/05/2022 18:10	CM
tert-Amyl alcohol	BRL	100		ug/L	346003	1	11/05/2022 18:10	CM
tert-Butyl formate	BRL	100		ug/L	346003	1	11/05/2022 18:10	CM
Ethanol	BRL	100		ug/L	346003	1	11/05/2022 18:10	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346003	1	11/05/2022 18:10	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	346003	1	11/05/2022 18:10	CM
Surr: Dibromofluoromethane	108	82.5-121		%REC	346003	1	11/05/2022 18:10	CM
Surr: Toluene-d8	93.1	78.3-118		%REC	346003	1	11/05/2022 18:10	CM
<b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>				<b>(SW8011)</b>				
1,2-Dibromoethane	BRL	0.020		ug/L	345994	1	11/11/2022 15:05	TB
Surr: 4-Bromofluorobenzene	92.4	69.7-138		%REC	345994	1	11/11/2022 15:05	TB

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> TRIP BLANK 1
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022
<b>Lab ID:</b> 2211603-031	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346220	1	11/09/2022 13:28	CM
Toluene	BRL	1.0		ug/L	346220	1	11/09/2022 13:28	CM
Ethylbenzene	BRL	1.0		ug/L	346220	1	11/09/2022 13:28	CM
Xylenes, Total	BRL	1.0		ug/L	346220	1	11/09/2022 13:28	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346220	1	11/09/2022 13:28	CM
Naphthalene	BRL	5.0		ug/L	346220	1	11/09/2022 13:28	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346220	1	11/09/2022 13:28	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346220	1	11/09/2022 13:28	CM
tert-Amyl methyl ether	BRL	10		ug/L	346220	1	11/09/2022 13:28	CM
Isopropyl ether	BRL	10		ug/L	346220	1	11/09/2022 13:28	CM
tert-Butyl Alcohol	BRL	100		ug/L	346220	1	11/09/2022 13:28	CM
tert-Amyl alcohol	BRL	100		ug/L	346220	1	11/09/2022 13:28	CM
tert-Butyl formate	BRL	100		ug/L	346220	1	11/09/2022 13:28	CM
Ethanol	BRL	100		ug/L	346220	1	11/09/2022 13:28	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346220	1	11/09/2022 13:28	CM
Surr: 4-Bromofluorobenzene	97.8	75-118		%REC	346220	1	11/09/2022 13:28	CM
Surr: Dibromofluoromethane	111	82.5-121		%REC	346220	1	11/09/2022 13:28	CM
Surr: Toluene-d8	94.6	78.3-118		%REC	346220	1	11/09/2022 13:28	CM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> KLM Environmental, LLC	<b>Client Sample ID:</b> TRIP BLANK 2
<b>Project Name:</b> Quick Pantry # 19	<b>Collection Date:</b> 11/2/2022
<b>Lab ID:</b> 2211603-032	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Volatile Organic Compounds SW8260D</b>				<b>(SW5030B)</b>				
Benzene	BRL	1.0		ug/L	346220	1	11/09/2022 13:54	CM
Toluene	BRL	1.0		ug/L	346220	1	11/09/2022 13:54	CM
Ethylbenzene	BRL	1.0		ug/L	346220	1	11/09/2022 13:54	CM
Xylenes, Total	BRL	1.0		ug/L	346220	1	11/09/2022 13:54	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	346220	1	11/09/2022 13:54	CM
Naphthalene	BRL	5.0		ug/L	346220	1	11/09/2022 13:54	CM
1,2-Dichloroethane	BRL	1.0		ug/L	346220	1	11/09/2022 13:54	CM
Ethyl tert-butyl ether	BRL	10		ug/L	346220	1	11/09/2022 13:54	CM
tert-Amyl methyl ether	BRL	10		ug/L	346220	1	11/09/2022 13:54	CM
Isopropyl ether	BRL	10		ug/L	346220	1	11/09/2022 13:54	CM
tert-Butyl Alcohol	BRL	100		ug/L	346220	1	11/09/2022 13:54	CM
tert-Amyl alcohol	BRL	100		ug/L	346220	1	11/09/2022 13:54	CM
tert-Butyl formate	BRL	100		ug/L	346220	1	11/09/2022 13:54	CM
Ethanol	BRL	100		ug/L	346220	1	11/09/2022 13:54	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	346220	1	11/09/2022 13:54	CM
Surr: 4-Bromofluorobenzene	95.9	75-118		%REC	346220	1	11/09/2022 13:54	CM
Surr: Dibromofluoromethane	107	82.5-121		%REC	346220	1	11/09/2022 13:54	CM
Surr: Toluene-d8	95.9	78.3-118		%REC	346220	1	11/09/2022 13:54	CM

**Qualifiers:**

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

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

**SAMPLE/COOLER RECEIPT CHECKLIST**

Clear

Save as

1. Client Name: KLM ENV, LLC

AES Work Order Number: 2211603

2. Carrier: FedEx  UPS  USPS  Client  Courier  Other \_\_\_\_\_

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

13. Cooler 1 Temperature 1.8 °C Cooler 2 Temperature 1.7 °C Cooler 3 Temperature \_\_\_\_\_ °C Cooler 4 Temperature \_\_\_\_\_ °C

14. Cooler 5 Temperature \_\_\_\_\_ °C Cooler 6 Temperature \_\_\_\_\_ °C Cooler 7 Temperature \_\_\_\_\_ °C Cooler 8 Temperature \_\_\_\_\_ °C

15. Comments: \_\_\_\_\_

I certify that I have completed sections 1-15 (dated initials). KK 11/04/22

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

27. Comments: \_\_\_\_\_

This section only applies to samples where pH can be checked at Sample Receipt.

I certify that I have completed sections 16-27 (dated initials). KK 11/04/22

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
29. Containers meet preservation guidelines?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
30. Was pH adjusted at Sample Receipt?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		

\* Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/TPH.

This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.

I certify that I have completed sections 28-30 (dated initials). KK 11/04/22

Locked



Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Lab Order: 2211603

## Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2211603-001A	#04785 MW-1	11/2/2022 3:40:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/07/2022
2211603-001A	#04785 MW-1	11/2/2022 3:40:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/08/2022
2211603-001B	#04785 MW-1	11/2/2022 3:40:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-002A	#04785 MW-6	11/2/2022 1:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-002B	#04785 MW-6	11/2/2022 1:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-003A	#04785 MW-7	11/2/2022 4:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/07/2022
2211603-003A	#04785 MW-7	11/2/2022 4:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/08/2022
2211603-003B	#04785 MW-7	11/2/2022 4:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-004A	#04785 MW-9	11/2/2022 5:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/08/2022
2211603-004B	#04785 MW-9	11/2/2022 5:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-005A	#04785 MW-10	11/3/2022 9:00:00AM	Groundwater	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-005B	#04785 MW-10	11/3/2022 9:00:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-006A	#04785 MW-11	11/3/2022 9:40:00AM	Groundwater	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-006B	#04785 MW-11	11/3/2022 9:40:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-007A	#04785 MW-12	11/2/2022 6:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/07/2022
2211603-007A	#04785 MW-12	11/2/2022 6:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/08/2022
2211603-007B	#04785 MW-12	11/2/2022 6:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-008A	#04785 MW-13	11/2/2022 5:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/07/2022
2211603-008A	#04785 MW-13	11/2/2022 5:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/08/2022
2211603-008B	#04785 MW-13	11/2/2022 5:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-009A	#04785 MW-14	11/2/2022 7:40:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/07/2022
2211603-009A	#04785 MW-14	11/2/2022 7:40:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/08/2022
2211603-009B	#04785 MW-14	11/2/2022 7:40:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-010A	#04785 MW-15	11/3/2022 2:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-010B	#04785 MW-15	11/3/2022 2:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-011A	#04785 MW-16	11/3/2022 2:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-011B	#04785 MW-16	11/3/2022 2:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-012A	#04785 MW-17	11/2/2022 6:40:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/07/2022
2211603-012A	#04785 MW-17	11/2/2022 6:40:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/08/2022

Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Lab Order: 2211603

## Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2211603-012B	#04785 MW-17	11/2/2022 6:40:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-013A	#04785 MW-19	11/3/2022 10:40:00AM	Groundwater	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-013B	#04785 MW-19	11/3/2022 10:40:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-014A	#04785 MW-20	11/3/2022 1:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/07/2022
2211603-014B	#04785 MW-20	11/3/2022 1:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-015A	#04785 MW-21	11/3/2022 2:40:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-015B	#04785 MW-21	11/3/2022 2:40:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-016A	#04785 MW-22	11/3/2022 11:40:00AM	Groundwater	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-016B	#04785 MW-22	11/3/2022 11:40:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-017A	#04785 MW-23	11/3/2022 12:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-017B	#04785 MW-23	11/3/2022 12:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-018A	#04785 MW-24	11/3/2022 12:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-018B	#04785 MW-24	11/3/2022 12:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:43:19AM	11/10/2022
2211603-019A	#04785 MW-25	11/3/2022 10:00:00AM	Groundwater	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-019B	#04785 MW-25	11/3/2022 10:00:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:45:59AM	11/11/2022
2211603-020A	#04785 DW-1	11/2/2022 2:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-020B	#04785 DW-1	11/2/2022 2:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:45:59AM	11/11/2022
2211603-021A	#04785 DW-2	11/2/2022 6:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-021B	#04785 DW-2	11/2/2022 6:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:45:59AM	11/11/2022
2211603-022A	#04785 DW-3	11/2/2022 5:40:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-022B	#04785 DW-3	11/2/2022 5:40:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:45:59AM	11/11/2022
2211603-023A	#04785 DW-4	11/2/2022 7:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-023B	#04785 DW-4	11/2/2022 7:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:45:59AM	11/11/2022
2211603-024A	#04785 SW-5	11/3/2022 1:20:00PM	Surface Water	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-024B	#04785 SW-5	11/3/2022 1:20:00PM	Surface Water	MICRO-EXTRACTABLE VOCs		11/7/2022 11:45:59AM	11/11/2022
2211603-025A	#04785 SW-6	11/3/2022 1:40:00PM	Surface Water	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-025B	#04785 SW-6	11/3/2022 1:40:00PM	Surface Water	MICRO-EXTRACTABLE VOCs		11/7/2022 11:45:59AM	11/11/2022
2211603-026A	#04785 DUP-1	11/2/2022 1:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/08/2022
2211603-026B	#04785 DUP-1	11/2/2022 1:05:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:45:59AM	11/11/2022

Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Lab Order: 2211603

**Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2211603-027A	#04785 DUP-2	11/2/2022 6:45:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/07/2022
2211603-027A	#04785 DUP-2	11/2/2022 6:45:00PM	Groundwater	Volatile Organic Compounds by GC/MS		11/7/2022 2:20:00PM	11/08/2022
2211603-027B	#04785 DUP-2	11/2/2022 6:45:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		11/7/2022 11:45:59AM	11/11/2022
2211603-028A	#04785 EQUIPMENT BLANK-	11/2/2022 7:50:00PM	Aqueous	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-028B	#04785 EQUIPMENT BLANK-	11/2/2022 7:50:00PM	Aqueous	MICRO-EXTRACTABLE VOCs		11/7/2022 11:45:59AM	11/11/2022
2211603-029A	#04785 FIELD BLANK-1	11/2/2022 7:55:00PM	Aqueous	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-029B	#04785 FIELD BLANK-1	11/2/2022 7:55:00PM	Aqueous	MICRO-EXTRACTABLE VOCs		11/7/2022 11:45:59AM	11/11/2022
2211603-030A	#04785 FIELD BLANK-2	11/3/2022 3:05:00PM	Aqueous	Volatile Organic Compounds by GC/MS		11/5/2022 12:47:00PM	11/05/2022
2211603-030B	#04785 FIELD BLANK-2	11/3/2022 3:05:00PM	Aqueous	MICRO-EXTRACTABLE VOCs		11/7/2022 11:45:59AM	11/11/2022
2211603-031A	TRIP BLANK 1	11/2/2022 12:00:00AM	Aqueous	Volatile Organic Compounds by GC/MS		11/9/2022 7:15:00AM	11/09/2022
2211603-032A	TRIP BLANK 2	11/2/2022 12:00:00AM	Aqueous	Volatile Organic Compounds by GC/MS		11/9/2022 7:15:00AM	11/09/2022

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2211603

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 345993**

Sample ID: <b>MB-345993</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>11/07/2022</b>	Run No: <b>501256</b>							
SampleType: <b>MBLK</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>345993</b>	Analysis Date: <b>11/10/2022</b>	Seq No: <b>11739547</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	BRL	0.020									
Surr: 4-Bromofluorobenzene	4.796	0	5.000		95.9	70	130				

Sample ID: <b>LCS-345993</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>11/07/2022</b>	Run No: <b>501256</b>							
SampleType: <b>LCS</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>345993</b>	Analysis Date: <b>11/10/2022</b>	Seq No: <b>11739549</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	0.1060	0.020	0.1000		106	60	140				
Surr: 4-Bromofluorobenzene	4.823	0	5.000		96.5	70	130				

Sample ID: <b>LCSD-345993</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>11/07/2022</b>	Run No: <b>501256</b>							
SampleType: <b>LCSD</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>345993</b>	Analysis Date: <b>11/10/2022</b>	Seq No: <b>11739550</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	0.1070	0.020	0.1000		107	60	140	0.1060	0.939	15.6	
Surr: 4-Bromofluorobenzene	4.978	0	5.000		99.6	70	130	4.823	0	0	

Sample ID: <b>2211603-011BMS</b>	Client ID: <b>#04785 MW-16</b>	Units: <b>ug/L</b>	Prep Date: <b>11/07/2022</b>	Run No: <b>501256</b>							
SampleType: <b>MS</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>345993</b>	Analysis Date: <b>11/10/2022</b>	Seq No: <b>11739572</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	0.1248	0.020	0.0990		126	67.7	130				
Surr: 4-Bromofluorobenzene	4.910	0	4.950		99.2	69.7	138				

Sample ID: <b>2211603-013BDUP</b>	Client ID: <b>#04785 MW-19</b>	Units: <b>ug/L</b>	Prep Date: <b>11/07/2022</b>	Run No: <b>501256</b>							
SampleType: <b>DUP</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>345993</b>	Analysis Date: <b>11/10/2022</b>	Seq No: <b>11739576</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	BRL	0.020						0	0	30	
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**Qualifiers:**

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2211603

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 345993**

Sample ID: <b>2211603-013BDUP</b>	Client ID: <b>#04785 MW-19</b>	Units: <b>ug/L</b>	Prep Date: <b>11/07/2022</b>	Run No: <b>501256</b>
SampleType: <b>DUP</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>345993</b>	Analysis Date: <b>11/10/2022</b>	Seq No: <b>11739576</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	5.613	0	4.967		113	69.7	138	5.387	0	0	

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2211603

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 345994**

Sample ID: <b>MB-345994</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>11/07/2022</b>	Run No: <b>501415</b>							
SampleType: <b>MBLK</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>345994</b>	Analysis Date: <b>11/11/2022</b>	Seq No: <b>11744970</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane BRL 0.020  
 Surr: 4-Bromofluorobenzene 5.106 0 5.000 102 70 130

Sample ID: <b>LCS-345994</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>11/07/2022</b>	Run No: <b>501415</b>							
SampleType: <b>LCS</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>345994</b>	Analysis Date: <b>11/11/2022</b>	Seq No: <b>11745008</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.1170 0.020 0.1000 117 60 140  
 Surr: 4-Bromofluorobenzene 5.215 0 5.000 104 70 130

Sample ID: <b>LCSD-345994</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>11/07/2022</b>	Run No: <b>501415</b>							
SampleType: <b>LCSD</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>345994</b>	Analysis Date: <b>11/11/2022</b>	Seq No: <b>11745012</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.1130 0.020 0.1000 113 60 140 0.1170 3.48 15.6  
 Surr: 4-Bromofluorobenzene 5.189 0 5.000 104 70 130 5.215 0 0

Sample ID: <b>2211603-019BMS</b>	Client ID: <b>#04785 MW-25</b>	Units: <b>ug/L</b>	Prep Date: <b>11/07/2022</b>	Run No: <b>501415</b>							
SampleType: <b>MS</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>345994</b>	Analysis Date: <b>11/11/2022</b>	Seq No: <b>11745038</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.1335 0.020 0.1012 132 67.7 130 S  
 Surr: 4-Bromofluorobenzene 4.944 0 5.058 97.7 69.7 138

Sample ID: <b>2211603-025BDUP</b>	Client ID: <b>#04785 SW-6</b>	Units: <b>ug/L</b>	Prep Date: <b>11/07/2022</b>	Run No: <b>501415</b>							
SampleType: <b>DUP</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>345994</b>	Analysis Date: <b>11/11/2022</b>	Seq No: <b>11745075</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane BRL 0.020 0 0 30

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

Client: KLM Environmental, LLC  
 Project Name: Quick Pantry # 19  
 Workorder: 2211603

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 345994**

Sample ID: <b>2211603-025BDUP</b>	Client ID: <b>#04785 SW-6</b>	Units: <b>ug/L</b>	Prep Date: <b>11/07/2022</b>	Run No: <b>501415</b>
SampleType: <b>DUP</b>	TestCode: <b>MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011</b>	BatchID: <b>345994</b>	Analysis Date: <b>11/11/2022</b>	Seq No: <b>11745075</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	4.870	0	5.000		97.4	69.7	138	5.180	0	0	

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2211603

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 346003**

Sample ID: <b>MB-346003</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>11/05/2022</b>	Run No: <b>500733</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>346003</b>	Analysis Date: <b>11/05/2022</b>	Seq No: <b>11724080</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0									
3,3-Dimethyl-1-butanol	BRL	100									
Benzene	BRL	1.0									
Ethanol	BRL	100									
Ethyl tert-butyl ether	BRL	10									
Ethylbenzene	BRL	1.0									
Isopropyl ether	BRL	10									
Methyl tert-butyl ether	BRL	1.0									
Naphthalene	BRL	5.0									
tert-Amyl alcohol	BRL	100									
tert-Amyl methyl ether	BRL	10									
tert-Butyl Alcohol	BRL	100									
tert-Butyl formate	BRL	100									
Toluene	BRL	1.0									
Xylenes, Total	BRL	1.0									
Surr: 4-Bromofluorobenzene	51.18	0	50.00		102	75	118				
Surr: Dibromofluoromethane	51.70	0	50.00		103	82.5	121				
Surr: Toluene-d8	47.45	0	50.00		94.9	78.3	118				

Sample ID: <b>LCS-346003</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>11/05/2022</b>	Run No: <b>500733</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>346003</b>	Analysis Date: <b>11/05/2022</b>	Seq No: <b>11724082</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	44.07	1.0	50.00		88.1	70	130				
3,3-Dimethyl-1-butanol	373.2	100	500.0		74.6	70	130				
Benzene	48.39	1.0	50.00		96.8	80.4	126				
Ethanol	359.9	100	500.0		72.0	70	130				
Ethyl tert-butyl ether	105.9	10	100.0		106	70	130				

**Qualifiers:**

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



**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2211603

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 346003**

Sample ID: <b>LCS-346003</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>11/05/2022</b>	Run No: <b>500733</b>							
SampleType: <b>LCS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>346003</b>	Analysis Date: <b>11/05/2022</b>	Seq No: <b>11724082</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ethylbenzene	48.73	1.0	50.00		97.5	82.7	125				
Isopropyl ether	103.0	10	100.0		103	70	130				
Methyl tert-butyl ether	53.17	1.0	50.00		106	70.8	129				
Naphthalene	46.50	5.0	50.00		93.0	70	130				
tert-Amyl alcohol	420.8	100	500.0		84.2	70	130				
tert-Amyl methyl ether	108.3	10	100.0		108	70	130				
tert-Butyl Alcohol	419.0	100	500.0		83.8	70	130				
tert-Butyl formate	441.3	100	500.0		88.3	70	130				
Toluene	49.54	1.0	50.00		99.1	79.2	124				
Xylenes, Total	149.9	1.0	150.0		99.9	81.1	126				
Surr: 4-Bromofluorobenzene	49.23	0	50.00		98.5	75	118				
Surr: Dibromofluoromethane	50.14	0	50.00		100	82.5	121				
Surr: Toluene-d8	50.65	0	50.00		101	78.3	118				

Sample ID: <b>2211603-005AMS</b>	Client ID: <b>#04785 MW-10</b>	Units: <b>ug/L</b>	Prep Date: <b>11/05/2022</b>	Run No: <b>500733</b>							
SampleType: <b>MS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>346003</b>	Analysis Date: <b>11/05/2022</b>	Seq No: <b>11724109</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	48.81	1.0	50.00		97.6	72.1	135				
3,3-Dimethyl-1-butanol	339.7	100	500.0		67.9	60.1	130				
Benzene	54.75	1.0	50.00		110	70.5	136				
Ethanol	285.1	100	500.0		57.0	61.9	140				S
Ethyl tert-butyl ether	107.5	10	100.0		108	71.2	122				
Ethylbenzene	54.90	1.0	50.00		110	70	134				
Isopropyl ether	114.7	10	100.0	3.220	112	71	133				
Methyl tert-butyl ether	52.89	1.0	50.00		106	65.7	136				
Naphthalene	49.42	5.0	50.00		98.8	58.6	135				
tert-Amyl alcohol	321.9	100	500.0		64.4	69.7	140				S

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2211603

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 346003**

Sample ID: <b>2211603-005AMS</b>	Client ID: <b>#04785 MW-10</b>	Units: <b>ug/L</b>	Prep Date: <b>11/05/2022</b>	Run No: <b>500733</b>							
SampleType: <b>MS</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>346003</b>	Analysis Date: <b>11/05/2022</b>	Seq No: <b>11724109</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

tert-Amyl methyl ether	103.0	10	100.0		103	70.1	126				
tert-Butyl Alcohol	581.0	100	500.0		116	67	140				
tert-Butyl formate	BRL	100	500.0		0	60	134				S
Toluene	51.41	1.0	50.00		103	66.4	140				
Xylenes, Total	169.0	1.0	150.0		113	65.4	138				
Surr: 4-Bromofluorobenzene	48.87	0	50.00		97.7	75	118				
Surr: Dibromofluoromethane	50.91	0	50.00		102	82.5	121				
Surr: Toluene-d8	47.61	0	50.00		95.2	78.3	118				

Sample ID: <b>2211603-002ADUP</b>	Client ID: <b>#04785 MW-6</b>	Units: <b>ug/L</b>	Prep Date: <b>11/05/2022</b>	Run No: <b>500733</b>							
SampleType: <b>DUP</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>346003</b>	Analysis Date: <b>11/05/2022</b>	Seq No: <b>11724106</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0						0	0	30	
3,3-Dimethyl-1-butanol	BRL	100						0	0	30	
Benzene	BRL	1.0						0	0	30	
Ethanol	BRL	100						0	0	30	
Ethyl tert-butyl ether	BRL	10						0	0	30	
Ethylbenzene	BRL	1.0						0	0	30	
Isopropyl ether	BRL	10						0	0	30	
Methyl tert-butyl ether	BRL	1.0						0	0	30	
Naphthalene	BRL	5.0						0	0	30	
tert-Amyl alcohol	BRL	100						0	0	30	
tert-Amyl methyl ether	BRL	10						0	0	30	
tert-Butyl Alcohol	BRL	100						0	0	30	
tert-Butyl formate	BRL	100						0	0	30	
Toluene	BRL	1.0						0	0	30	
Xylenes, Total	BRL	1.0						0	0	30	

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

**Client:** KLM Environmental, LLC  
**Project Name:** Quick Pantry # 19  
**Workorder:** 2211603

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 346003**

Sample ID: <b>2211603-002ADUP</b>	Client ID: <b>#04785 MW-6</b>	Units: <b>ug/L</b>	Prep Date: <b>11/05/2022</b>	Run No: <b>500733</b>
SampleType: <b>DUP</b>	TestCode: <b>Volatile Organic Compounds SW8260D</b>	BatchID: <b>346003</b>	Analysis Date: <b>11/05/2022</b>	Seq No: <b>11724106</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	49.26	0				75	118	50.61	0	30	
Surr: Dibromofluoromethane	53.09	0				82.5	121	51.45	0	30	
Surr: Toluene-d8	46.83	0				78.3	118	47.27	0	30	

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