TERRAquest
ENVIRONMENTAL CONSULTANTS, P.C.

May 14, 2015

Scott Johnston
NCDWM-UST Section
Raleigh Regional Office
1628 Mail Service Center
Raleigh, NC 27699

Re: Groundwater Monitoring Report
Paul's Cash Grocery and Service
NCDMW-UST Incident No. 23589
Terraquest Project No. 03403

Dear Mr. Johnston:

On behalf of Robert Lee, Terraquest Environmental Consultants, P.C. is submitting the enclosed Groundwater Monitoring Report for the Paul's Cash Grocery and Service facility located in Raleigh, Wake County, North Carolina. This report documents recent assessment activities and the groundwater sampling event conducted on April 14, 2015.

Should you have any questions regarding this report or the project, please contact Michael Brown at (919) 563-9091. Thank you.

Sincerely,

TERRAQUEST ENVIRONMENTAL CONSULTANTS, P.C.

Andrew C. Wrenn
Environmental Scientist

Enclosed: Groundwater Monitoring Report

cc: Robert Lee

100 E. Ruffin Street • Mebane, North Carolina 27302
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TERRAquest
ENVIRONMENTAL CONSULTANTS, P.C.

GROUNDWATER MONITORING REPORT

(Subsequent Report)

PAUL'S CASH GROCERY AND SERVICE
7301 POOLE ROAD
RALEIGH, NORTH CAROLINA

Latitude: 35° 45' 18" Longitude: -78° 30' 57"

Facility ID No. 0-021442
Risk Classification: High 655E
NCDWM-UST Incident No. 23589

Release Information:
Date Discovered: August 1, 2001
Estimated Release Quantity: Unknown
Release Source: Commercial UST System
Capacity of Former USTs: (3) 10,000-gallon gasoline,
(1) 4,000-gallon diesel, and (1) 2,000-gallon kerosene USTs

UST System Owner/Responsible Party/Property Owner:
Robert Lee
Paul's Cash Grocery and Service
7301 Poole Road
Raleigh, NC 27610

Terraquest Project No. 03403

May 14, 2015

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CERTIFICATION FOR THE SUBMITTAL
OF AN ENVIRONMENTAL / GEOLOGICAL ASSESSMENT

Attached is the Groundwater Monitoring Report (Subsequent Report) for:

Site Name:	Paul's Cash Grocery and Service		
Responsible Party:	Robert Lee		
Address:	7301 Poole Road		
City:	Raleigh	State: NC	Zip Code: 27610

I, Michael J. Brown, a Licensed Geologist in the State of North Carolina for TERRAQUEST ENVIRONMENTAL CONSULTANTS, P.C. do hereby certify that I am familiar with and have reviewed all material including figures within this report and that to the best of my knowledge the data, site assessment, figures, and other associated materials are correct and accurate. All work was performed under my direct supervision. My seal and signature are affixed below.

Terraquest Environmental Consultants, P.C. is licensed to practice geology in North Carolina. The certification number of the corporation is C-291.

TERRAQUEST ENVIRONMENTAL CONSULTANTS, P.C.

Andrew C. Wrenn
Environmental Scientist

NORTH CAROLINA LICENSED SEAL 1185 GEOLOGIST MICHAEL J. BROWN

Ryan D. Kerins
Project Manager

Michael J. Brown, P.G.
President

TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 MONITORING WELL INSTALLATION 1

3.0 GROUNDWATER MONITORING 1

3.1 Groundwater Hydrogeology 1

3.2 Groundwater Analytical Results 2

4.0 SUMMARY AND CONCLUSIONS 5

5.0 LIMITATIONS 6

TABLES

1. Monitoring Well Construction Information
2. Summary of Groundwater Sampling Results
3. Water Supply Well Information
4. Groundwater Parameter Data
5. Assimilative Capacity

FIGURES

1. Site Location Map
2. Site Vicinity Map
3. Site Layout Map
4. Potentiometric Surface Map (4/14/15)
5. Groundwater Analytical Results (4/14/15)

APPENDICES

A. Environmental Acronyms and Technical Methods/Standard Procedures
B. Boring Logs and Well Construction Records
C. Historical Groundwater Analytical Data
D. Analytical Reports

1.0 INTRODUCTION

On behalf of the responsible party, Robert Lee, Terraquest Environmental Consultants, P.C. has prepared this Groundwater Monitoring Report for the Paul's Cash Grocery and Service facility located in Knightdale, Wake County, North Carolina. This report documents recent assessment activities and the groundwater monitoring event that took place on April 14, 2015. Activities detailed in this report were pre-approved on ePATA 23589-027 and -028.

The site location is depicted in Figure 1. Figure 2 is a site vicinity map that identifies potentially sensitive receptors within a 1,500-foot radius of the site. The site layout and monitoring well network are depicted in Figure 3. Environmental acronyms used in this report are detailed in Appendix A along with Terraquest's technical methods and standard procedures.

2.0 MONITORING WELL INSTALLATION

To investigate the extent of free product/groundwater contamination in the vicinity of monitoring well MW4, Terraquest personnel supervised the installation of monitoring wells MW16 – MW18 on April 9, 2015. The monitoring wells were installed using a Mobile Canterra drilling rig operated by an NC-licensed driller. The monitoring wells were constructed as detailed in Table 1 and on the boring logs and well construction records provided in Appendix B. The locations of the newly installed monitoring wells are depicted in Figure 3.

3.0 GROUNDWATER MONITORING

3.1 Groundwater Hydrogeology

Prior to purging and sampling the monitoring well network, depth-to-groundwater measurements were collected on April 14, 2015 to identify the location of the phreatic aquifer and to determine the direction of its flow. Groundwater measurements were reduced to a

common datum by surveying the relative elevation of the top of the casings for each monitoring well. The calculated water table elevations were plotted on a plan of the site and used to create a contour map of the water table surface as shown on Figure 4. As shown on Figure 4, groundwater is directed toward the east as it has been historically. Elevation data collected on April 14, 2015 is summarized in Table 1 along with monitoring well construction information. Review of historical groundwater data revealed an increase of 3.35 feet in groundwater elevation since the June 2013 sampling event.

3.2 Groundwater Analytical Results

On April 14, 2015, Terraquest personnel sampled monitoring wells MW1, MW2, MW2D, MW4, MW5, MW6, MW6D, MW7 – MW11, MW13, MW13D, MW14, MW15D, MW16 – MW18, recovery well RW1, and potable wells PW1, PW2, PW9, PW10, and PW17. Monitoring well MW12 was dry and, therefore, could not be sampled. Prior to sampling the monitoring/recovery wells, each well was purged of at least three well volume of water using a new disposable bailer. Bailers were then used to collect a representative sample from each monitoring/recovery well. Prior to sampling the potable wells, the water at each location was allowed to run for a sufficient amount of time to purge any associated plumbing to assure that the sampled water was representative of aquifer conditions in that area. Note that since the previous sampling event a point of entry (POE) system has been installed on PW10. The sample was collected before any treatment by the POE system. According to Mr. Robert Lee, a POE system has been installed on potable well PW1 (located on the Paul's Cash Grocery and Service property); however, a POE system was not observed by Terraquest personnel during the sampling event. Upon retrieval, samples were placed into the appropriate laboratory-prepared containers, labeled, and packed on ice pending shipment to a North Carolina-certified laboratory for analysis per 6200B. To assist in the feasibility study of natural attenuation, select samples were also submitted for analysis of sulfate and nitrogen.

The analytical results for the April 14, 2015 groundwater sampling event revealed the following regarding petroleum-type compounds:

Free product:	None
GCL violations:	None
Petroleum-type compounds > 2L Standards:	MW1, MW2, MW2D, and RW1
Petroleum-type compounds < 2L Standards:	MW5, MW6, MW6D, MW7, MW8, MW9, MW13, MW15D, MW18, and PW10
No petroleum-type compounds:	MW3, MW10, MW11, MW13D, MW14, MW16, MW17, PW1, PW2, PW9, and PW17
PCE detections (>2L Standards):	MW7, MW8, MW9, MW13, MW13D, MW14, MW15D, PW1, and PW10

During the recent sampling event there was no free product detected in monitoring well MW4. Note that the absence of free product in the monitoring well could be a result of the nearly 3.5 foot increase in groundwater elevation since the previous sampling event. The analytical results for the recent sampling event revealed an overall decrease in petroleum-type contaminants since the previous sampling event (June 2013). Analytical results for samples collected from the potable wells revealed the continued presence of PCE contamination in excess of the 2L Standards for potable wells PW1 and PW10. As detailed above, the PW10 sample was collected prior to any treatment by the POE system. Analytical results for samples collected from these potable wells have been provided to the property owners. The groundwater analytical results are summarized in Table 2 and on Figure 5. Water supply well information is provided in Table 3. Historical analytical results sheets for each well sampled during the recent event are included in Appendix C. The full analytical report is provided in Appendix D.

As indicated above, the analytical results of the April 14, 2015 sampling event also revealed the continued presence of non-petroleum contamination (PCE) in several monitoring wells (MW7,

MW8, MW9, MW13, MW13D, MW14, and MW15D) and two potable wells (PW1 and PW10) at concentrations in excess of the 2L Standards. The PCE contamination was first detected in monitoring wells MW13 (87 ug/L) and MW13D (1.7 ug/L) during the February 2009 groundwater sampling event. During the recent sampling event, TCE was also detected in monitoring well MW13 (1.7 ug/L). This concentration is below the established 2L Standard. The source of the PCE contamination is unknown.

Based on concentrations of electron acceptors used in the biodegradation process, the capacity of an aquifer to perform natural attenuation can be mathematically calculated (Environment Canada (2007)). Terraquest personnel measured the dissolved oxygen, conductivity, temperature, and pH in select monitoring wells on April 14, 2015. The data is presented in Table 4. As indicated above, select groundwater samples collected during the April 14, 2015 sampling event were submitted for analysis of sulfate and nitrate. The recorded dissolved oxygen concentrations as well as the laboratory-reported concentrations of nitrate decrease from the background wells with no petroleum contamination (MW3 and MW11) to the well in the core of the plume (MW1 and MW2). As biodegradation takes place, such a decrease in dissolved oxygen and electron acceptors is expected.

Calculations provided in Table 5 use the relationship between background conditions versus the conditions observed in the plume core to determine the assimilative capacity of the aquifer. That is, the presence of sufficient electron acceptors to allow natural biodegradation to take place. Without regard to other factors, Table 5 shows that contamination in the core of the contaminant plume is slightly more than the aquifer can attenuate. However, the decline in concentrations reported for various sampling event indicates that natural attenuation is already occurring. The following table shows the decrease in total BTEX concentrations for various sampling events:

	1/31/2004	2/10/2009	4/14/2015
MW1	19,800	10,230	2,576
MW2	628.3	190.1	2.54

BTEX units are in ug/L.

4.0 SUMMARY AND CONCLUSIONS

Terraquest personnel conducted a groundwater sampling event at the Paul's Cash Grocery and Service facility on April 14, 2015. Terraquest makes the following conclusions and recommendations following the event:

- No free product was detected in monitoring well MW4 during the recent sampling event. As indicated above, historical groundwater data revealed an increase of 3.35 feet in groundwater elevation since the June 2013 sampling event. The absence of free product in MW4 could be a result of this increase. Additional sampling events are needed to confirm the absence of free product.
- Analytical results for groundwater samples collected from the monitoring well network revealed the continued presence of petroleum-type contaminants in excess of the 2L Standards. Review of the analytical data revealed an overall decrease in contaminant concentrations since the previous sampling event (June 2013).
- Analytical results for groundwater samples collected from the potable wells revealed the presence of MTBE (0.36 J) in the sample collected from potable well PW10. This concentration is well below the established 2L Standard. Results for samples collected from the other potable wells revealed no petroleum-type contaminants in excess of the laboratory's method detection limits.
- Non-petroleum contamination (PCE) was detected in several monitoring wells (MW7, MW8, MW9, MW13, MW13D, MW14, and MW15D) and two potable wells (PW1 and PW10). The source of the PCE contamination is unknown. Ms. Sue Murphy with the NC Inactive Hazardous Sites Branch is investigating the source of the PCE contamination.
- During the recent sampling event select monitoring wells were sampled to assist in the feasibility study of natural attenuation. Results of the feasibility study indicate that without regard to other factors contamination in the core of the contaminant plume is slightly more than the aquifer can attenuate. However, declining total BTEX concentrations in the core of the contaminant plume indicates that natural attenuation is already occurring.

- The presence of active sole-source water supply wells within 1,000 feet of the release area continued to mandate the High Risk Ranking of the site.
- Based upon the results of the recent groundwater sampling event, Terraquest recommends proceeding with monitored natural attenuation as the most-cost effective method of remediation of the 2L petroleum plume. Given the decrease in petroleum-type contaminants since the previous sampling event, Terraquest does not feel that remedial activities as detailed in the NCDWM-UST approved CAP are needed at this time.

5.0 LIMITATIONS

This report is limited to the investigation of petroleum-hydrocarbons in groundwater and does not imply that other unforeseen adverse impacts to the environment are not present at or around the subject facility. In addition, subsurface heterogeneities not identified during the current study may influence the migration of groundwater or contaminants in unpredicted ways. The limited amount of sampling and testing conducted during this study cannot practically reveal all subsurface heterogeneities. Furthermore, the subsurface conditions, particularly groundwater flow, elevations, and water quality may very through time. The opinions and conclusions arrived at in this report are in accordance with industry-accepted geologic and hydrogeologic practices at this time and location. No warranty is implied or intended.

TABLES

Table 1
Date: 4/30/15

MONITORING WELL CONSTRUCTION INFORMATION
Incident Name: Paul's Cash Grocery and Service Incident No. 23589

Facility ID No: 0-021442

Well ID	Date Installed	Date Water Level Measured	Well Casing Depth (feet below ground surface)	Screened Interval (x to y feet below ground surface)	Bottom of Well (feet below ground surface)	Top of Casing Elevation (feet)	Depth to Water from Top of Casing (feet)	Free Product Thickness (feet)	Groundwater Elevation (feet)	Comments
MW1	11/5/01	4/14/15	17	17 - 33	33	98.16	28.55	0	69.61	2" diameter Type II monitoring well
MW2	1/31/02	4/14/15	17	17 - 32	32	94.76	27.74	0	67.02	2" diameter Type II monitoring well
MW2D	1/31/02	4/14/15	OC: 33 | IC: 43	43 - 48	48	95.06	28.25	0	66.81	2" diameter Type III monitoring well
MW3	1/31/02	4/14/15	17	17 - 32	32	96.82	29.45	0	67.37	2" diameter Type II monitoring well
MW4	1/31/02	4/14/15	19	19 - 34	34	99.84	29.24	0	70.60	2" diameter Type II monitoring well
MW5	6/4/02	4/14/15	18	18 - 33	33	94.02	27.75	0	66.27	2" diameter Type II monitoring well
MW6	6/4/02	4/14/15	15	15 - 30	30	91.54	29.18	0	62.36	2" diameter Type II monitoring well
MW6D	6/3/02	4/14/15	OC: 33 | IC: 43	43 - 48	48	91.62	29.58	0	62.04	2" diameter Type III monitoring well
MW7	6/4/02	4/14/15	17	17 - 32	32	90.07	24.18	0	65.89	2" diameter Type II monitoring well
MW8	6/4/02	4/14/15	18	18 - 33	33	93.44	26.21	0	67.23	2" diameter Type II monitoring well
MW9	6/4/02	4/14/15	19	19 - 34	34	98.30	30.21	0	68.09	2" diameter Type II monitoring well
MW10	6/4/02	4/14/15	19	19 - 34	34	100.19	29.82	0	70.37	2" diameter Type II monitoring well
MW11	6/4/02	4/14/15	19	19 - 34	34	99.15	28.59	0	70.56	2" diameter Type II monitoring well
MW12	8/21/02	4/14/15	22	22 - 37	37	94.61	DRY	-	DRY	2" diameter Type II monitoring well
MW13	8/21/02	4/14/15	17	17 - 32	32	85.43	20.41	0	65.02	2" diameter Type II monitoring well
MW13D	8/22/02	4/14/15	OC: 55 | IC: 60	60 - 65	65	85.61	20.66	0	64.95	2" diameter Type III monitoring well
MW14	8/20/02	4/14/15	15	15 - 30	30	86.04	20.59	0	65.45	2" diameter Type II monitoring well
MW15D	8/19/02	4/14/15	OC: 33 | IC: 70	70 - 80	80	91.15	29.06	0	62.09	2" diameter Type II monitoring well
MW16	4/9/15	4/14/15	8	8-40	40	99.98	29.40	0	70.58	2" diameter Type II monitoring well
MW17	4/9/15	4/14/15	8	8-40	40	99.43	28.75	0	70.68	2" diameter Type II monitoring well
MW18	4/9/15	4/14/15	8	8-40	40	99.24	28.59	0	70.65	2" diameter Type II monitoring well
RW1	2/25/04	4/14/15	19	19 - 59	59	95.41	27.50	0	67.91	4" diameter extraction well (for gw pumping pilot test)
PZ1	2/26/04	4/14/15	15	15 - 35	35	96.06	-	-	-	2" diameter piezometer (for gw pumping test)
AS1	2/24/04	4/14/15	34	34 - 40	40	95.56	-	-	-	1"-diameter air sparging well
AS2	2/25/04	4/14/15	60	45 - 60	60	95.52	-	-	-	1"-diameter air sparging well

Notes:
1. All units in feet.
2. - Information not available.
3. OC = outer casing, IC = inner casing.

Table 2
Date: 4/30/15

SUMMARY OF GROUNDWATER SAMPLING RESULTS
Incident Name: Paul's Cash Grocery and Service Incident No. 23589

Facility ID No: 0-021442

Analytical Method		6200B	6200B	6200B	6200B	6200B	6200B	6200B	6200B	6200B	6200B	6200B	6200B	6200B	6200B	6200B	6200B	6200B	6200B	Nitrate Nitrogen	Sulfate
Contaminant of Concern																					
Sample ID	Date Collected	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Isopropylbenzene	4-Isopropyltoluene	Naphthalene	n-Propylbenzene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Styrene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Nitrate	Sulfate
PW1	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	**1.46**	<0.139	<0.0740	<0.103	<0.0870	-	-
PW2	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	<0.0540	<0.139	<0.0740	<0.103	<0.0870	-	-
PW9	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	<0.0540	<0.139	<0.0740	<0.103	<0.0870	-	-
PW10	4/14/15	<0.119	<0.0570	<0.0920	<0.298	**0.36 J**	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	**28.9**	<0.139	<0.0740	<0.103	<0.0870	-	-
PW17	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	<0.0540	<0.139	<0.0740	<0.103	<0.0870	-	-
MW1	4/14/15	**94**	**8.52**	**1,160 D**	**1,312.7 D**	**48.9**	**0.4 J**	**18.6**	**14.5**	**0.77**	**102 D**	**0.39 J**	**549 DH**	**228 D**	<0.0540	<0.139	**1.59**	**1,600 D**	**33.5**	**1,070**	**4,970 J**
MW2	4/14/15	<0.119	<0.0570	**1.05**	**1.492**	**25.5**	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	**13.5 H**	**0.4 J**	<0.0540	<0.139	<0.0740	**2.5**	<0.0870	**4,130**	**4,470 J**
MW2D	4/14/15	**0.97**	<0.0570	**0.22 J**	**0.88 J**	**24.2**	<0.0920	<0.0600	<0.0920	<0.0890	**0.32 J**	<0.0890	**2.49 H**	<0.0650	<0.0540	<0.139	<0.0740	**0.66**	<0.0870	-	-
MW3	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	<0.0540	<0.139	<0.0740	<0.103	<0.0870	**4,110**	**3,580 J**
MW4	4/14/15	<0.119	<0.0570	**3.49**	**55**	<0.169	<0.0920	<0.0600	**7.71**	**1.97**	**6.52**	**1.64**	**9.69 H**	**5.72**	<0.0540	<0.139	<0.0740	**87.7 D**	**68.8**	-	-
MW5	4/14/15	<0.119	**0.87**	<0.0920	<0.298	<0.169	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	<0.0540	<0.139	<0.0740	<0.103	<0.0870	**2,130**	**4,040 J**
MW6	4/14/15	<0.119	<0.0570	<0.0920	<0.298	**17.8**	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	<0.0540	<0.139	<0.0740	<0.103	<0.0870	-	-
MW6D	4/14/15	<0.119	<0.0570	<0.0920	<0.298	**4.66**	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	**0.61**	<0.139	<0.0740	<0.103	<0.0870	-	-
MW7	4/14/15	<0.119	<0.0570	<0.0920	<0.298	**3.39**	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	**4.69**	<0.139	<0.0740	<0.103	<0.0870	-	-
MW8	4/14/15	<0.119	<0.0570	<0.0920	<0.298	**1.81**	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	**147**	<0.139	<0.0740	<0.103	<0.0870	-	-
MW9	4/14/15	<0.119	<0.0570	<0.0920	<0.298	**0.32 J**	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	**7.35**	<0.139	<0.0740	<0.103	<0.0870	-	-
MW10	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	<0.0540	<0.139	<0.0740	<0.103	<0.0870	**2,500**	**3,830 J**
MW11	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	<0.0540	<0.139	<0.0740	<0.103	<0.0870	**3,320**	<168
MW13	4/14/15	<0.119	<0.0570	<0.0920	<0.298	**1.41**	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	**404 D**	**1.7**	<0.0740	<0.103	<0.0870	-	-
MW13D	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	**8.51**	<0.139	<0.0740	<0.103	<0.0870	-	-
MW14	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	**0.87**	<0.139	<0.0740	<0.103	<0.0870	-	-
MW15D	4/14/15	<0.119	<0.0570	<0.0920	<0.298	**4.93**	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	**4.83**	<0.139	<0.0740	<0.103	<0.0870	-	-
MW16	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	<0.0540	<0.139	<0.0740	<0.103	<0.0870	-	-
MW17	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	<0.0540	<0.139	<0.0740	<0.103	<0.0870	-	-
MW18	4/14/15	<0.119	<0.0570	**2.32**	**27.8**	<0.169	<0.0920	<0.0600	**10.9**	**1.47**	**10.7**	**8.62**	<0.0940	**8.36**	<0.0540	<0.139	<0.0740	**71.8**	**56.8**	-	-
RW1	4/14/15	<0.119	<0.0570	<0.0920	<0.298	**24.2**	<0.0920	<0.0600	<0.0920	<0.0890	<0.0980	<0.0890	<0.0940	<0.0650	**0.32 J**	<0.139	<0.0740	<0.103	<0.0870	-	-
	2L Standard	1	600	600	500	20	70	70	70	70	70	25	6	70	0.7	3	70	400	400	10,000	250,000

Notes:
1. All results in ug/l (parts per billion).
2. **Bold** denotes a detection
3. Shading denotes a 2L Standard violation.
4. < = denotes less than sample detection limit.
5. J - The target analyte was positively identified below the quantitation limit and above the detection limit.
6. H - The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

Table 3
Date: 4/30/15

WATER SUPPLY WELL INFORMATION
Incident Name: Paul's Cash Grocery and Service Incident No. 23589

Facility ID No: 0-021442

Well ID No.	Well Owner's Address	Well Address	Phone No.	Well Use	Well Depth (feet BGS)	Type of Well	Casing Depth (feet BGS)	Screen Interval (feet BGS)	Distance from Source Area of Release (feet)
PW1	Paul's Cash Grocery Barbara S. Lee, et al. 7301 Poole Road Raleigh, NC 27610-9366	7301 Poole Road Raleigh, NC 27610-9366	919-266-2624	sole water supply	250-300	drilled 6"-diam.	50?	Open Hole	100
PW2	Paul L. Lee 2437 Hodge Road Knightdale, NC 27545-9387	2529 Hodge Road Knightdale, NC 27545-9388	no phone	sole water supply	?	Bored	?	?	240
PW3	Robert Lewis Lee 2513 Hodge Road Knightdale, NC 27545-9389	2521 Hodge Road Knightdale, NC 27545-9389	919-266-4658	sole water supply	?	Drilled	?	?	350
PW4	Robert L. and Cindy F. Lee 2513 Hodge Road Knightdale, NC 27545-9389	2513 Hodge Road Knightdale, NC 27545-9389	919-266-4658	sole water supply	?	Drilled	?	?	850
PW5	Brian Keith Lee 2425 Hodge Road Knightdale, NC 27545-9387	2425 Hodge Road Knightdale, NC 27545-9387	919-266-2641	sole water supply	?	Drilled	?	?	1,150
PW6	Betty J. Bizzell 5800 Coffee Street Raleigh, NC 27604	2421 Hodge Road Knightdale, NC 27545-9386	?	sole water supply	?	Drilled	?	?	1,450
PW7	Griffin America Health Care Reit II 4000 Mcarther Blved. West Tower Suite 200 Newport Beach, CA 92660-2558	2408 Hodge Road Knightdale, NC 27545-9386	?	Abandoned	?	?	?	?	1,423
PW8	Christene B. and Gaston Floyd 7317 Poole Road Raleigh, NC 27610-9366	7317 Poole Road Raleigh, NC 27610-9366	919-266-2786	permanently abandoned	65	drilled 6"-diam.	?	?	200
PW9	Christene B. and Ira G. Floyd 7317 Poole Road Raleigh, NC 27610-9366	7325 Poole Road Raleigh, NC 27610-9366	919-266-2786	sole water supply	66	Drilled	?	?	510
PW10	Dreamland MHP Leaman Woodward Heirs 5133 Grasshopper Rd. Raleigh, NC 27610-9396	7331 Poole Road Raleigh, NC 27610-9366	Mary Woodard 919-231-2311 Lewis Woodard (son) 919-422-2980 (cell)	sole water supply	68	drilled 6"-diam.	?	Open Hole	940
PW11	Andrew and Odessa Broadie 1522 Dutchess Dr. Salisbury, MD 21801-8949	7409 Poole Road Raleigh, Nc 27610-9366	919-266-3902	Inactive	?	Drilled	?	?	1,440
PW12	Carlin Paul Partnership 1825 Pictor Rd. Raleigh, NC 27606-3638	7312 Poole Road Raleigh, NC 27610-9365	919-550-7794	sole water supply	?	Drilled	?	?	340
PW13	Camerino Casteneda 2649 Hodge Rd. Knightdale, NC 27545-9391	2649 Hodge Road Knightdale, NC 27545-9391	?	sole water supply	?	Drilled	?	?	1,300
PW14	Truman A. and Cora A. Wilson 2709 Hodge Road Knightdale, NC 27545-9393	2709 Hodge Road Knightdale, NC 27545-9393	919-217-2840	sole water supply (2713 Hodge Rd connected also)	100	Drilled	?	?	1,460
PW15	Judy M. Joyner Hicks 2732 Hodge Road Knightdale, NC 27545-9392	2704 Hodge Road Knightdale, NC 27545-9392	919-266-2286	sole water supply	?	Drilled	?	?	1,500
PW16	Jackson Auto Salvage 7120 Poole Road Raleigh, NC 27610-9361	7120 Poole Road Raleigh, NC 27610-9361	919-266-2860	sole water supply	?	Drilled	?	?	1,430
PW17	Christene B. and Ira G. Floyd 7317 Poole Road Raleigh, NC 27610-9366	7317 Poole Road Raleigh, NC 27610-9366	919-266-2786	sole water supply	180	drilled 6"-diam.	50	Open Hole	400

Notes:
1. BGS - feet below ground surface // ? - unknown information
2. Information obtained from reports previously submitted by Mid-Atlantic Associates, P.A. and TerraQuest field observations.
3. Well ID numbers are displayed on Figure 2.
4. Distances from release area are approximate.

Table 4 GROUNDWATER PARAMETER DATA

Date: 4/30/15 Incident Name: Paul's Cash Grocery and Service Incident No. 23589 Facility ID No. 0-021442

WELL	TEMPERATURE (°C)	CONDUCTIVITY (µS/sec)	pH (unitless)	DISSOLVED OXYGEN (mg/l)
MW1	22	648	6.40	3.67
MW2	20.9	267	5.71	3.20
MW3	21.8	210	5.50	5.71
MW5	20.1	96	5.76	1.83
MW10	21.5	297	5.42	2.23
MW11	21.7	112	5.55	4.81

Notes:

1. °C - degrees Celsius
2. µS/sec - microsiemens per second
3. mg/l - milligrams per liter
4. Groundwater parameter data was collected by Terraquest field personnel following purging of the monitoring wells.
5. Data collected on 4/14/15

Table 5

ASSIMILATIVE CAPACITY

Date: 4/30/15 | Incident Name: Paul's Cash Grocery and Service Incident No. 23589 | Facility ID No. 0-021442

Based on concentrations of electron acceptors used in the biodegradation process (namely respiration), the capacity of an aquifer to perform natural attenuation can be mathematically calculated. Terraquest has collected natural attenuation parameter data as field measurements of dissolved oxygen and laboratory analysis of nitrate and sulfates. Dissolved oxygen and nitrate were shown to decrease in concentration from the background wells with no contamination (MW3 and MW11) to the wells in the core of the plume (MW1 and MW2). The following calculations use the relationship between background conditions as reported for monitoring wells MW3 and MW1 versus the conditions observed in the plume core at monitoring wells MW1 and MW2.

Dissolved Oxygen

BTEX bio (DO) = 0.32(OB-OM)

Where:
BTEX bio (DO) = reduction in BTEX concentration by aerobic respiration
(0.32= mg/L BTEX degraded per mg/L dissolved oxygen consumed)
O_B = background dissolved oxygen concentration (average across site) (mg/L) = 5.26 mg/L
O_M= lowest measured dissolved oxygen concentration in plume core (mg/L) = 3.20 mg/L

BTEX $_{bio\ (DO)}$ = 0.32 (5.26-3.20)
BTEX $_{bio\ (DO)}$ = 0.66 mg/L

Nitrate

BTEX $_{bio\ (N)}$ = 0.21(NB-NM)

Where:
$BTEX_{Bio.N}$= reduction in BTEX concentration via denitrification
(0.21= mg/L (average) BTEX degraded per mg/L nitrate consumed)
N_B = background nitrate concentration (average across site) (mg/L)= 3.72 mg/L
N_M= measured nitrate concentration (average within plume core) (mg/L) = 2.60 mg/L

BTEX $_{bio\ (N)}$ = 0.21 (3.72-2.60)
BTEX $_{bio\ (N)}$ = 0.24 mg/L

Sulphate

BTEX $_{bio\ (S)}$ = 0.21(S_B-S_M)

Where:
$BTEX_{Bio.S}$= reduction in BTEX concentration via sulphate reduction
(0.21= mg/L (average) BTEX degraded per mg/L sulphate consumed)
S_B= background sulphate concentration (mg/L) = 2.00 mg/L
S_M= measured sulphate concentration (mg/L) = 4.72 mg/L

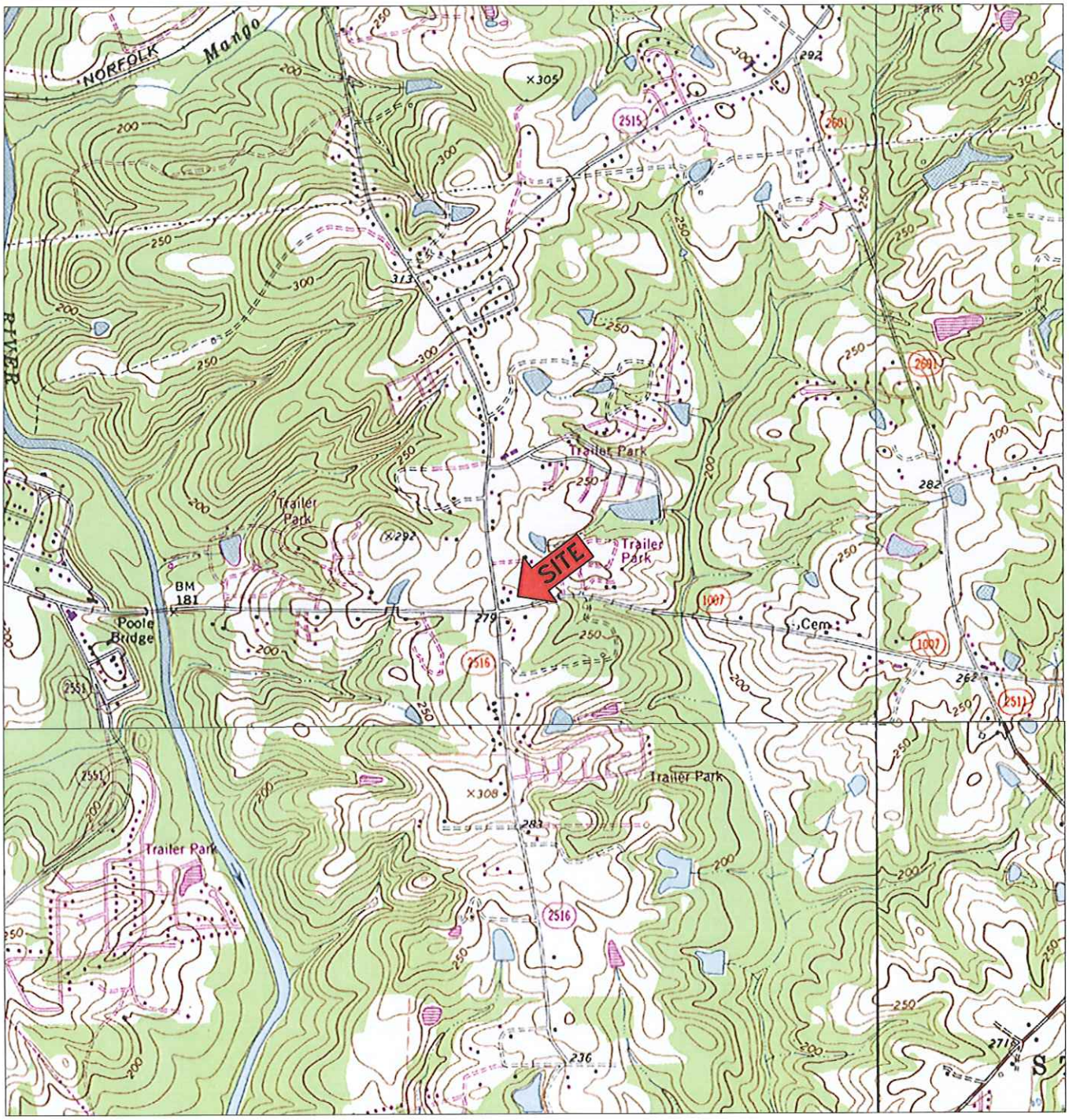
BTEX $_{bio\ (S)}$ = 0.21(2.00-4.72) = -0.57 mg/L
The lack of sulphate consumption in the plume core prevents adding a value to the MNA assimilative capacity based on this compound.

TOTAL ASSIMILATIVE CAPACITY = 0.90 mg/L of BTEX can be biodegraded

Notes:
- From these calculations, the groundwater on site hypothetically has a capacity to assimilate approximately 0.90 mg/L (900 µg/L) of total BTEX chemicals.
- In practice, if the maximum concentration of dissolved BTEX measured at a site is significantly below the assimilative capacity, natural attenuation is likely an acceptable remedial method. It suggests that there is significant capacity to reduce the concentrations of BTEX at the source and downgradient from the source.
- Based on analytical data, the average BTEX concentration in the core wells used for comparison is 1.29 mg/L (1,289 ug/L).
- While the fringes of the plume are degrading and will continue to do so, additional remediation besides natural attenuation is required to make this a cost-effectivene solution.

Calculations from materials presented by Environment Canada at http://www.on.ec.gc.ca/pollution/ecnpd/tabs/tab20-e.html

FIGURES



MAP SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC – RALEIGH EAST, NC

GRAPHIC SCALE

0' 2000' 4000'

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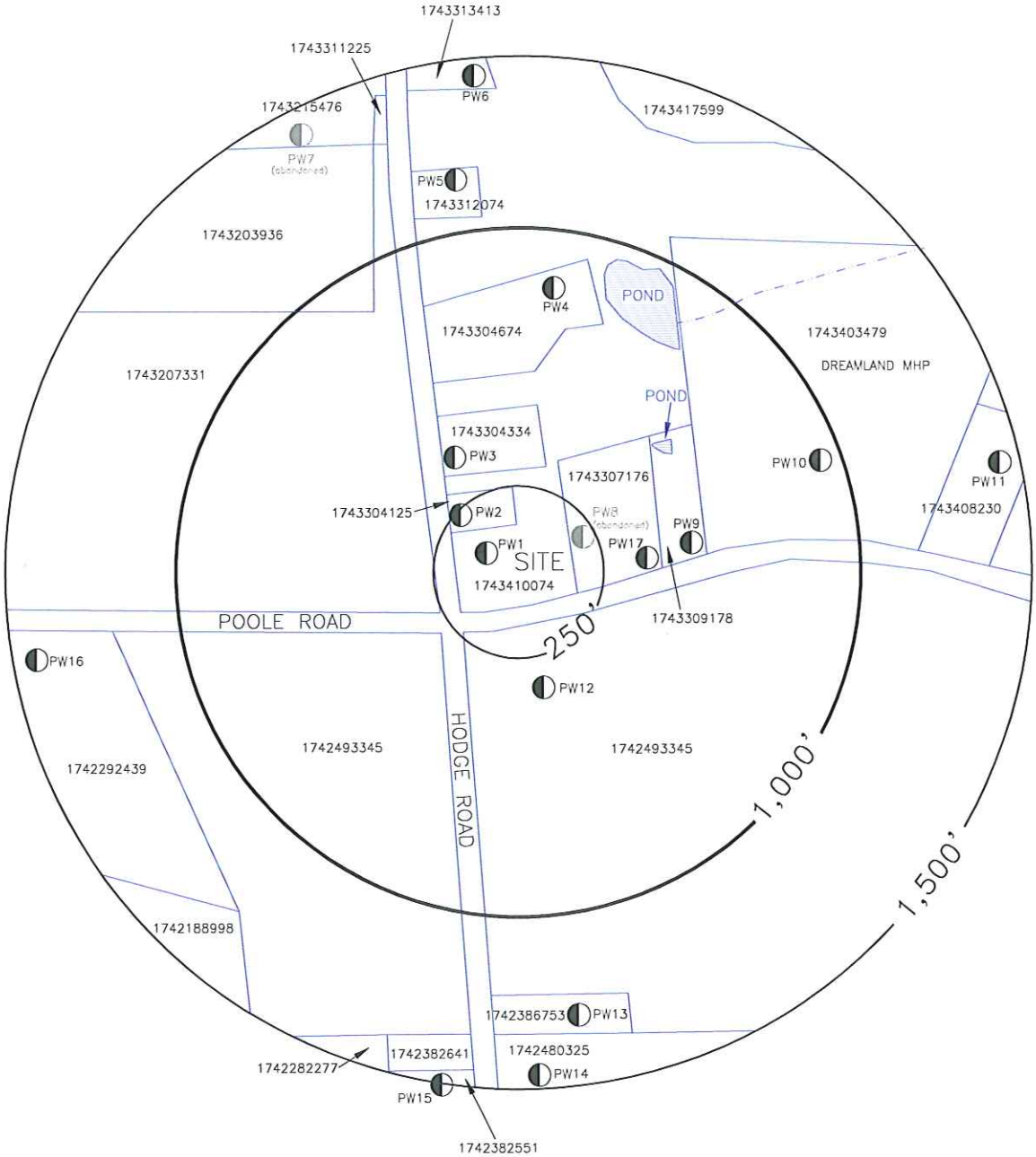
SITE LOCATION MAP

PAUL'S CASH GROCERY AND SERVICE
7301 POOLE ROAD
RALEIGH, NC

ROBERT LEE					RALEIGH, NC
PROJECT NO.	03403	DRAWN BY:	RDK	DATE:	4/30/15
SCALE:	1" = 2000'	CHECKED BY:	MJB	FIGURE NO.	1



PW1 POTABLE WELL LOCATION

PW1 POTABLE WELL IDENTIFICATION NUMBER (SEE TABLE 2 OF CAP)

1742282277 TAX PIN NUMBER (SEE TABLE 1 OF CAP)

(POTABLE WELL RECONNAISANCE PERFORMED BY MID-ATLANTIC ASSOCIATES, P.A.)
(UPDATED BY TERRAQUEST) – Date of last field verification: 7/13

GRAPHIC SCALE

0' 250' 500' 1,000'

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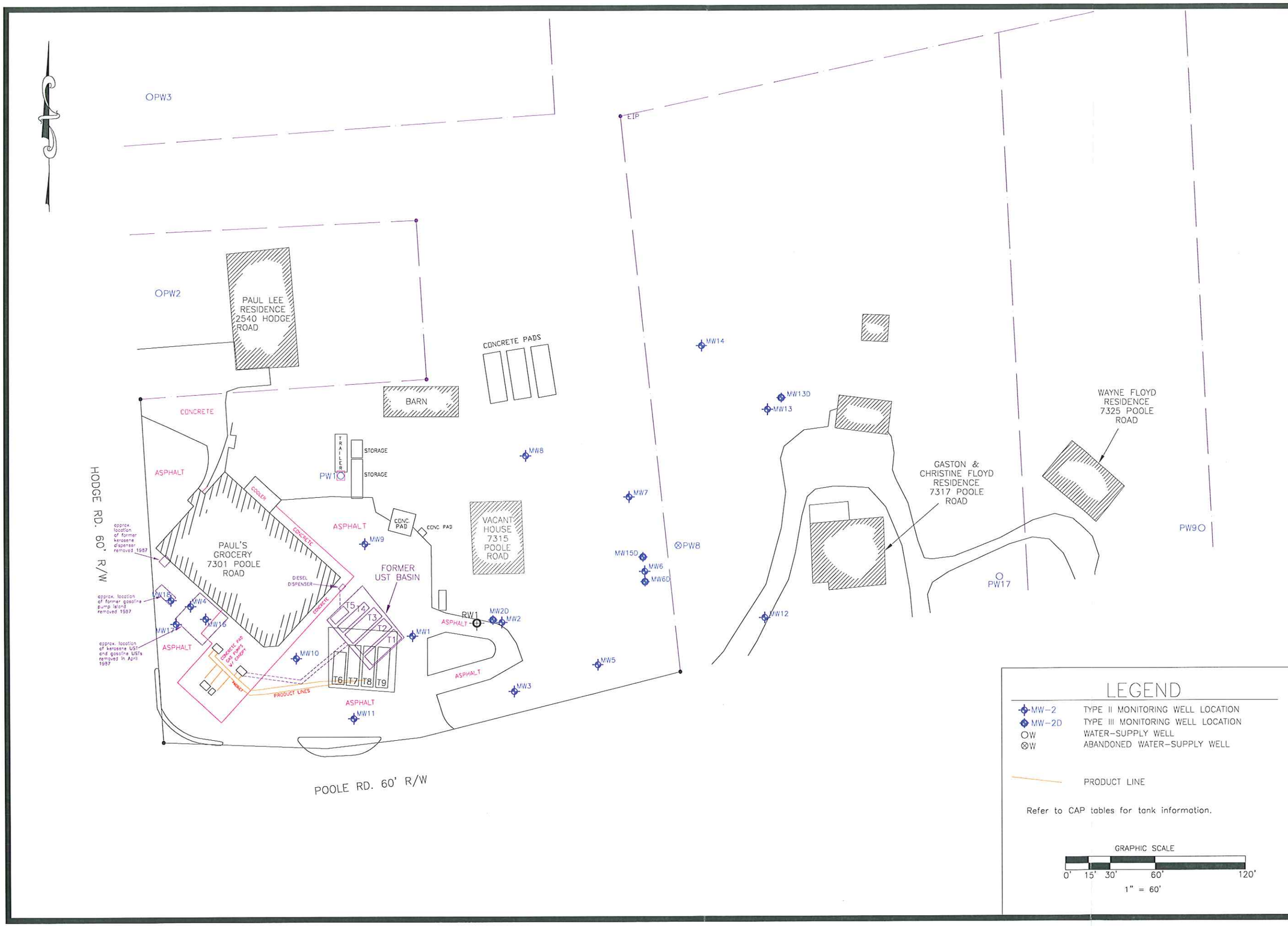
SITE VICINITY MAP

PAUL'S CASH GROCERY AND SERVICE
7301 POOLE ROAD
RALEIGH, NC

ROBERT LEE RALEIGH, NC

PROJECT NO.	03403	DRAWN BY:	RDK	DATE:	4/30/15
SCALE:	1" = 500'	CHECKED BY:	MJB	FIGURE NO.	1



SITE LAYOUT MAP
PAUL'S CASH GROCERY AND SERVICE
7301 POOLE ROAD
RALEIGH, NC

ROBERT LEE			RALEIGH, NC
PROJECT NO: 03403	CHECKED BY: MJB	FIGURE NO. 3	
SCALE: 1" = 60'	DRAWN BY: RDK	DATE: 4/30/15	

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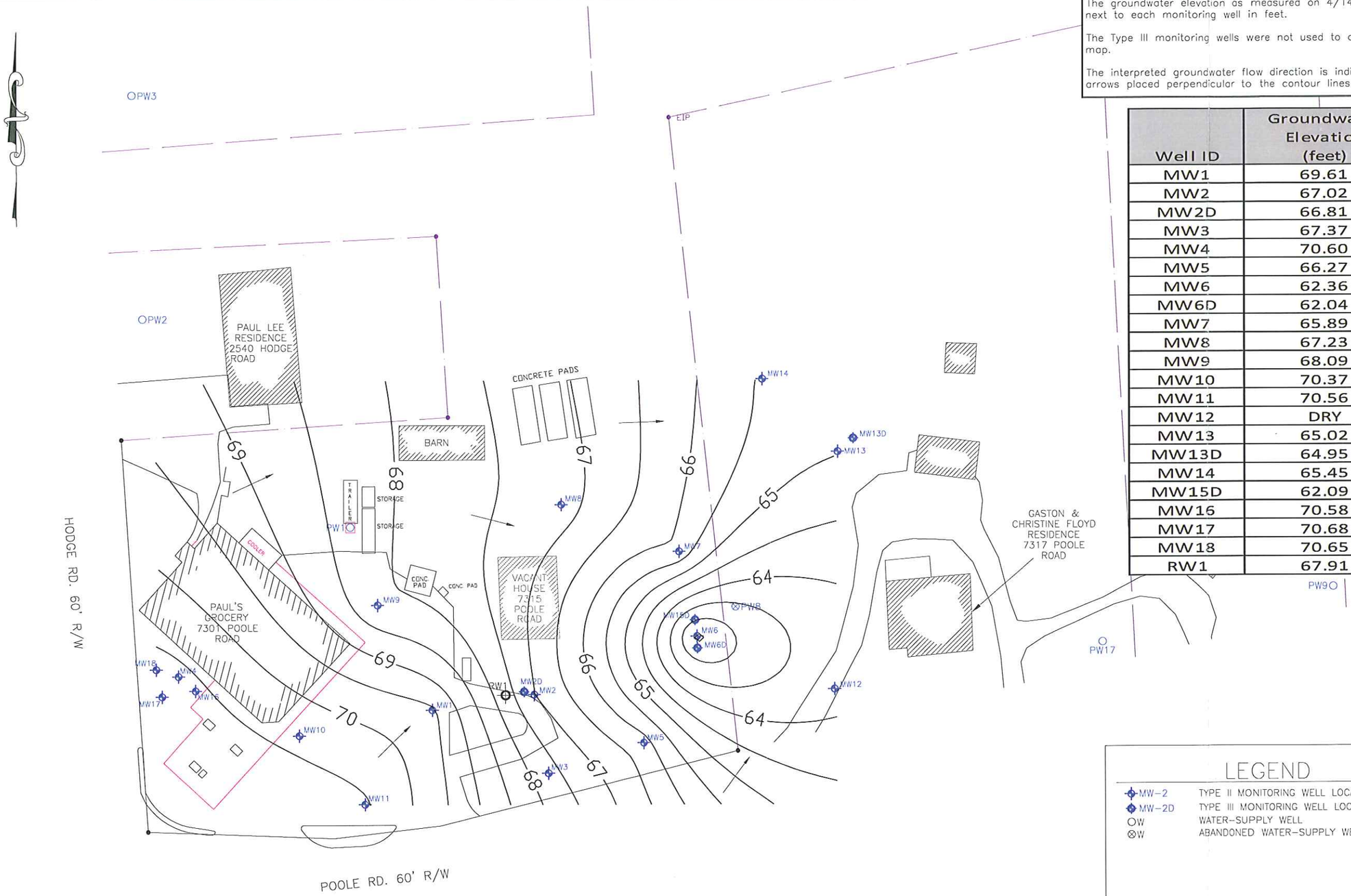
The groundwater elevation as measured on 4/14/15 is listed next to each monitoring well in feet.

The Type III monitoring wells were not used to construct this map.

The interpreted groundwater flow direction is indicated by the arrows placed perpendicular to the contour lines.

Well ID	Groundwater Elevation (feet)
MW1	69.61
MW2	67.02
MW2D	66.81
MW3	67.37
MW4	70.60
MW5	66.27
MW6	62.36
MW6D	62.04
MW7	65.89
MW8	67.23
MW9	68.09
MW10	70.37
MW11	70.56
MW12	DRY
MW13	65.02
MW13D	64.95
MW14	65.45
MW15D	62.09
MW16	70.58
MW17	70.68
MW18	70.65
RW1	67.91



LEGEND

MW-2	TYPE II MONITORING WELL LOCATION
MW-2D	TYPE III MONITORING WELL LOCATION
OW	WATER-SUPPLY WELL
⊗W	ABANDONED WATER-SUPPLY WELL

GRAPHIC SCALE

0' 15' 30' 60' 120'

1" = 60'

POTENTIOMETRIC SURFACE MAP (4/14/15)

PAUL'S CASH GROCERY AND SERVICE
7301 POOLE ROAD
RALEIGH, NC

ROBERT LEE
PROJECT NO: 03403
SCALE: 1" = 60'
CHECKED BY: MJB
DRAWN BY: RDK
FIGURE NO. 4
DATE: 4/30/15
RALEIGH, NC

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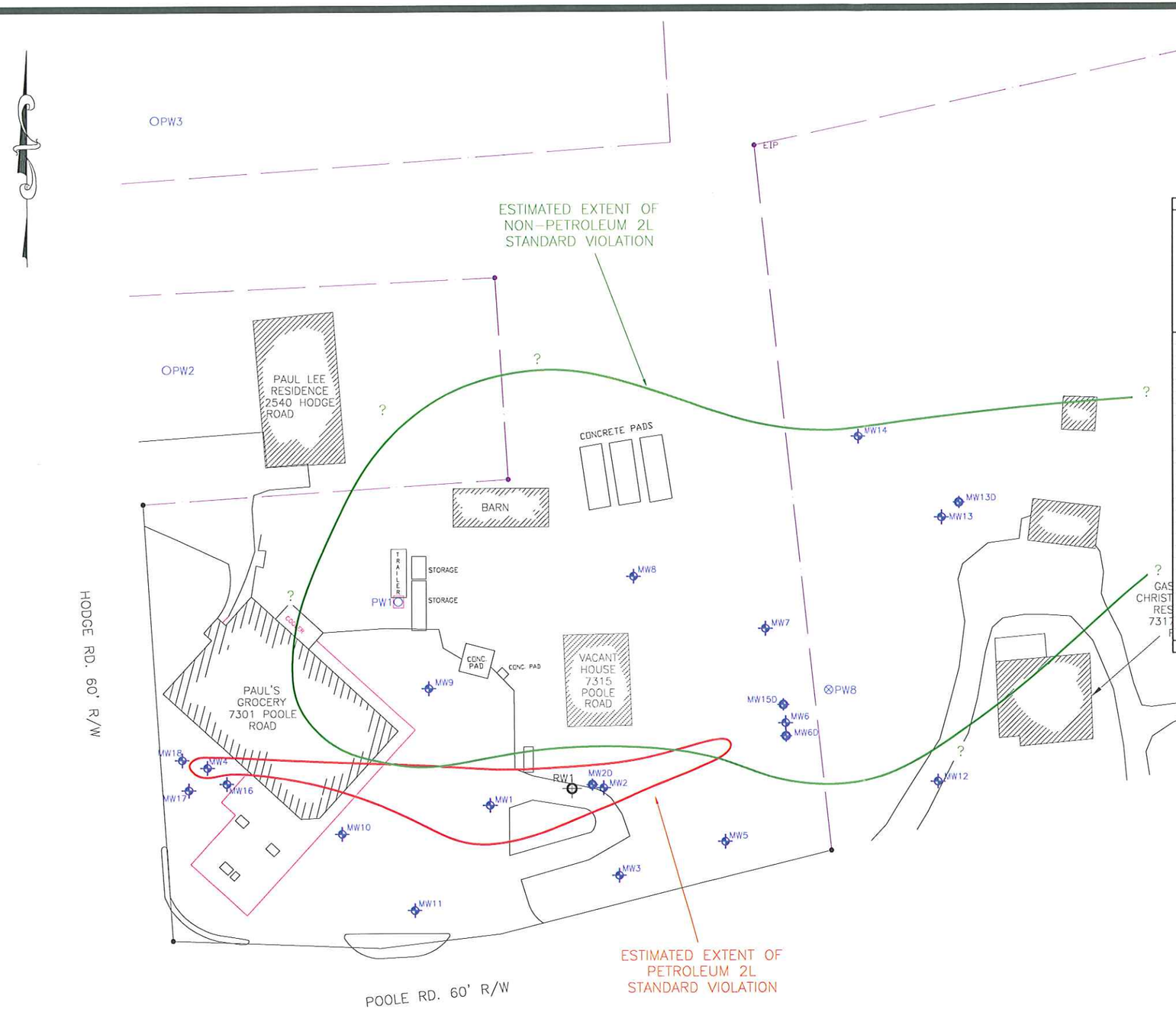

Select groundwater analytical results from the 4/14/15 sampling event are listed in ug/L.

Only BTEX, MTBE, Naphthalene, and PCE concentrations are listed.

Analytical results for the Type III monitoring wells were ignored in the construction of the extent of petroleum contamination plume.

A complete summary of groundwater analytical results is summarized in Table 2. The full analytical report is provided in Appendix C.

Contaminant of Concern								
Sample ID	Date Collected	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene	Tetrachloroethene (PCE)
PW1	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0940	1.46
PW2	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0940	<0.0540
PW9	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0940	<0.0540
PW10	4/14/15	<0.119	<0.0570	<0.0920	<0.298	0.36 J	<0.0940	28.9
PW17	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0940	<0.0540
MW1	4/14/15	94	8.52	1,160 D	1,312.7 D	48.9	549 DH	<0.0540
MW2	4/14/15	<0.119	<0.0570	1.05	1.492	25.5	13.5 H	<0.0540
MW2D	4/14/15	0.97	<0.0570	0.22 J	0.88 J	24.2	2.49 H	<0.0540
MW3	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0940	<0.0540
MW4	4/14/15	<0.119	<0.0570	3.49	55	<0.169	9.69 H	<0.0540
MW5	4/14/15	<0.119	0.87	<0.0920	<0.298	<0.169	<0.0940	<0.0540
MW6	4/14/15	<0.119	<0.0570	<0.0920	<0.298	17.8	<0.0940	<0.0540
MW6D	4/14/15	<0.119	<0.0570	<0.0920	<0.298	4.66	<0.0940	0.61
MW7	4/14/15	<0.119	<0.0570	<0.0920	<0.298	3.39	<0.0940	4.69
MW8	4/14/15	<0.119	<0.0570	<0.0920	<0.298	1.81	<0.0940	147
MW9	4/14/15	<0.119	<0.0570	<0.0920	<0.298	0.32 J	<0.0940	7.35
MW10	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0940	<0.0540
MW11	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0940	<0.0540
MW13	4/14/15	<0.119	<0.0570	<0.0920	<0.298	1.41	<0.0940	404 D
MW13D	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0940	8.51
MW14	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0940	0.87
MW15D	4/14/15	<0.119	<0.0570	<0.0920	<0.298	4.93	<0.0940	4.83
MW16	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0940	<0.0540
MW17	4/14/15	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0940	<0.0540
MW18	4/14/15	<0.119	<0.0570	2.32	27.8	<0.169	<0.0940	<0.0540
RW1	4/14/15	<0.119	<0.0570	<0.0920	<0.298	24.2	<0.0940	0.32 J
	2L Standard	1	600	600	500	20	6	0.7

LEGEND

MW-2	TYPE II MONITORING WELL LOCATION
MW-2D	TYPE III MONITORING WELL LOCATION
OW	WATER-SUPPLY WELL
⊗W	ABANDONED WATER-SUPPLY WELL

GRAPHIC SCALE

0' 15' 30' 60' 120'

1" = 60'

GROUNDWATER ANALYTICAL RESULTS (4/14/15)

PAUL'S CASH GROCERY AND SERVICE
7301 POOLE ROAD
RALEIGH, NC

ROBERT LEE — RALEIGH, NC

PROJECT NO: 03403	CHECKED BY: MJB	FIGURE NO.	5
SCALE: 1" = 60'	DRAWN BY: RDK	DATE:	4/30/15

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APPENDIX A

ENVIRONMENTAL ACRONYMS

2L Standard	Groundwater Standards in Title 15A NCAC 2L 0.0202(g)
2B Standard	Surface Water Standards under Title 15A NCAC 2B
AFVR	Aggressive Fluid-Vapor Recovery
AST	Aboveground Storage Tank
BGL	Below Ground Level
BTEX	Benzene, toluene, ethylbenzene, xylenes
C&D	Construction and Demolition
CAP	Corrective Action Plan
CSA	Comprehensive Site Assessment
DPE	Dual-phase Extraction
EPA	Environmental Protection Agency
ePATA	Electronic Pre-Approval Task Authorization
EPH	Extractable Petroleum Hydrocarbons
ESA	Environmental Site Assessment
GCL	Gross Contamination Level
LEL	Lower Explosive Limit
LSA	Limited Site Assessment
IPE	di-Isopropyl Ether
MADEP	Massachusetts Department of Environmental Protection
MDL	Method Detection Limit
MNA	Monitored Natural Attenuation
MMPE	Mobile Multi Phase Extraction
MSCC	Maximum Soil Contaminant Concentration
MSL	Mean Sea Level
MSW	Municipal Solid Waste
MTBE	Methyl tertiary-Butyl Ether
NC	North Carolina
NCAC	NC Administrative Code
NCDENR	NC Department of Environment and Natural Resources
NCDOT	NC Department of Transportation
NCDWM-SW	NC Division of Waste Management's Solid Waste Section
NCDWM-UST	NC Division of Waste Management's UST Section
NCDWQ	NC Division of Water Quality
NORR	Notice of Regulatory Requirements
NORP	Notice of Residual Petroleum
NOV	Notice of Violation
NPDES	National Pollutant Discharge Elimination System
OVM	Organic Vapor Meter
PID	Photoionization Detector
PLC	Programmable Logic Controller
POE	Point of Entry (water treatment system)
POTW	Publicly Owned Treatment Works
RBCA	Risk Based Corrective Action
RL	Reporting Limit
RP	Responsible Party
SCFM	Standard Cubic Feet per Minute
SVE	Soil Vapor Extraction
STG	Soil to Groundwater
TA	Task Authorization
TCC	Target Cleanup Concentrations
Terraquest	Terraquest Environmental Consultants, P.C.
TPH	Total Petroleum Hydrocarbon
UST	Underground Storage Tank
VOA	Volatile Organic Analysis
VOC	Volatile Organic Compound
VPH	Volatile Petroleum Hydrocarbons
XP	Explosion Proof

TECHNICAL METHODS/STANDARD PROCEDURES

Equipment Decontamination

All soil sampling equipment utilized during site assessment activities is decontaminated according to standard and accepted protocol. Cleaning solutions range from clean potable water to acidic solutions or organic solvents depending on the contaminants present at the site. Equipment utilized at sites, such as hand augers, contaminated with petroleum hydrocarbons, is generally decontaminated with a low-sudsing detergent such as Luiquinox® and triple rinsed with distilled water. Larger equipment, such as drill rigs and associated tools, is steam cleaned. All decontamination procedures are completed within an established decontamination area which is located away from the active study area. Frequency of equipment decontamination depends on the nature of work being performed, but in no case is decontamination performed less frequently than once per test (i.e., soil boring, well installation, sample collection, etc.). Equipment blanks are collected as a quality control measure when required by job specifications.

Soil Boring Installation

Soil borings are completed using hand-operated sampling tools, truck-mounted drills, or Geoprobe® drilling rigs depending on the depth of sample collection and other site-specific conditions. Hand operated stainless-steel bucket augers are utilized to collect soil samples at regular intervals to determine site stratigraphy and to test for the presence of volatile organic compounds. Samples retrieved from the hand auger are necessarily disturbed during the augering process, but can provide accurate information on soil type and contaminant concentrations when properly interpreted. Soil samples from hand augered borings are generally retrieved at one to two foot intervals.

Truck-mounted or Geoprobe® drilling equipment is often utilized when sample retrieval depths exceed twenty feet or subsurface conditions prevent utilization of hand augers (i.e., buried rocks, wood, bricks or other materials occur in the subsurface). Truck-mounted drilling rigs usually retrieve soil via a hollow-stem auger/split spoon collection method. Geoprobe® rigs usually employ a Macro-Core® tube retrieval system.

Hollow stem augers provide relatively undisturbed 2-foot cores of soil samples. Soil samples are generally collected at five foot intervals utilizing standard penetration test procedures as defined by the American Society for Testing and Materials (ASTM) or are pushed to the desired depth using the head of the drill rig. The standard penetration test involves driving a 2" outside diameter by 1-3/8" inside diameter split-spoon sampler a minimum distance of one foot with a 340-lb. slide hammer falling a distance of 30 inches.

A Geoprobe® rig is a hydraulically-powered soil probing machine. The probe utilizes static force and percussion to advance a small diameter sampling device into the subsurface. The sampling apparatus provides relatively undisturbed 5-foot cores of soil samples. Soil samples are collected

continuously. The Macro-Core® tube contains an inserted poly-vinyl chloride (PVC) liner which retains the soil sample as the tube is driven into the ground. The Macro-Core® tube is decontaminated between each 5-foot sample interval in a soil boring using a Liquinox and tap-water mixture. A new PVC liner is used to collect soil from each sample interval in a soil boring.

Soil samples retrieved from the hollow-stem augers or Geoprobe are then carefully described according to the Unified Soil Classification System. Soil descriptions are recorded on a soil boring log.

Soil Sampling

Soils to be analyzed by a North Carolina-certified laboratory are prepared according to the specified analytical method. Initially, soil samples are removed from the ground using either a hand auger, backhoe bucket, spilt spoon auger, or a Macro-Core® sampling tube. During the removal, care is taken to keep the disturbance of the soil structure to a minimum to reduce the loss of contaminants. Once removed, the samples are placed in the proper sample container for the specified analytical method. For samples collected for the MADEP VPH and 8260 method, a TerraCore® sampler is used to collect three 5-gram allotments of soil. All three allotments are placed in methanol-preserved 40 mL vials. Also, two 5-gram allotments of soil are placed into sodium bisulfate-preserved 40 mL vials (5-gram each vial) for the 8260 low concentration method. A 250-mL glass jar of the sampled soil is also collected to provide moisture content information. Soils sampled for MADEP EPH, EPA Methods 8270 and TPH 5030 and 3550 are placed in a 250-mL glass jar. TPH 5030 samples are preserved in methanol similar to the 8260 analysis. Field personnel wear new, disposable latex gloves during the collection of each sample.

The soil samples are labeled with the sample location, sample identification, date and time of collection, and the analytical method. The samples are placed on ice, sent to a laboratory, and analyzed before the expiration of an analytical method's prescribed holding time. Chain-of-custody documentation is maintained for each sample collected in the field.

If the soil is being sampled for volatile or semi-volatile compounds, a portion of the collected soil is placed in a sealable bag and screened for volatile organic vapors. Head screening procedures are described in the following paragraph.

Headspace Screening

Collected soil samples are routinely tested for the presence of volatile organic compounds (VOCs). After retrieval from the ground, a portion of a soil sample is placed in a sealable plastic bag. The soil samples are then set aside for approximately five minutes so that volatile constituents present in the sample can reach equilibrium concentrations with headspace gases in the bag. Once a suitable time period has passed, the probe of the sampling instrument, typically an Organic Vapor Monitor (OVM) or a Photo Ionization Meter (PID), is inserted into the bag and the relative concentration of total VOCs is measured and permanently recorded in a field note book. VOC concentrations are measured using either a Thermo Electron Corp. Innova Series catalytic OVM or

an Ion Science PhoCheck PID. Both the OVM and PID instrumentation are periodically calibrated according to the manufacturer's recommended procedures.

The OVM and PID are qualitative tools employed to detect and estimate the concentration of organic or hydrocarbon vapors. A thin probe is inserted through a small break in the seal of a bagged soil sample. For the OVM, an air sample from the headspace of the bag is drawn through the probe into an internal chamber where the vapors are catalyzed. The concentration of the VOCs is registered on a digital scale in parts per million (ppm). For the PID, an air sample from the headspace of the bag is drawn across the face of a lamp causing the sample to emit photons, the presence of which are converted into a VOC ppm reading that is displayed. Oxygen levels are field calibrated prior to each use. VOC calibration occurs periodically depending upon use by using a span gas of known concentration in a process recommended by the manufacturer.

Well Installation/Construction

Monitoring wells are installed using hand-operated sampling tools, a truck-mounted drill rig, or a Geoprobe drilling rig depending on the depth of well and other site-specific conditions. All monitoring wells are installed according to the requirements of 15A NCAC 2C-Well Construction Standards. Specifically, individual monitoring wells are constructed of 2-inch diameter, schedule 40 PVC casing riser and screen. The screen interval is generally 10 to 15 feet of machine slotted PVC with a slot size of 0.010". Only flush threaded joints are used. The annulus space around the screen is filled with washed filter pack No. 2 sand. The filter pack extends one to two feet above the top of the screen. A one to two foot-thick bentonite pellet seal is then placed above the filter pack. The remainder of the well annulus is completely filled with a Portland (Type I/II) cement grout mixture. A protective outer steel manhole, locking cap, and concrete pad is installed for each well.

Type II Monitoring Well Construction

Single-cased monitoring wells are generally used in delineation of groundwater quality within the surficial aquifer. The wells are constructed of 2-inch diameter, schedule 40 PVC casing and screen. The screen interval is generally 10 to 15 feet of machine slotted PVC with a slot size of 0.010". Only flush threaded joints are used. The annulus space around the screen is filled with washed filter pack No. 2 sand. The filter pack extends one to two feet above the top of the screen. A one foot-thick bentonite pellet seal is then placed above the filter pack. The remainder of the well annulus is completely filled with a Portland (Type I/II) cement grout mixture. A protective outer steel manhole, locking cap, and concrete pad are installed for each well.

Type III Monitoring Well Construction

Double-cased monitoring wells are used in the delineation of groundwater quality within a deeper portion of the surficial aquifer or an additional aquifer (e.g. aquitard, bedrock). A four to six-inch outer casing is installed through the surficial aquifer until a sufficient depth or until the deeper aquifer is encountered. The casing is secured with a Portland-grout collar that is tremmied into

the annular spaced from the bottom of the bore hole to the surface. Once the grout has sufficiently cured, the bore hole is continued through the bottom of the outer casing to a depth approximately 15 - 20 feet beneath the outer casing. The inner casing is constructed of 2-inch diameter, schedule 40 PVC casing riser and screen. The screen interval is generally 5 to 10 feet of machine slotted PVC with a slot size of 0.010". Only flush threaded joints are used. The annulus space around the screen is filled with washed filter pack No. 2 sand. The filter pack extends one to two feet above the top of the screen. A one to two foot-thick bentonite pellet seal is then placed above the filter pack. The remainder of the well annulus is completely filled with the same Portland grout mixture used in the outer casing. A protective outer steel manhole, locking cap, and concrete pad are installed for each well.

Well Development

Following installation of each well, surging and pumping or bailing techniques will be used to remove fines from the screened interval. Groundwater is removed from each well until clear water is retrieved or a noticeable reduction in the amount of silt is achieved. Purged groundwater is disposed of in an environmentally safe manner.

Groundwater Sampling

Petroleum Sites

Groundwater samples are collected from temporary or permanent monitoring wells according to established sampling protocol. When multiple monitoring wells or sampling points are sampled, sampling is completed beginning with the least contaminated well to the most contaminated well, if it is known. When permanent monitoring wells for petroleum sites are sampled, the well is purged of a minimum of three well-bore volumes prior to sample collection in order to assure that sampled water is representative of aquifer conditions. In temporary wells, the first water which migrates into the open borehole is sampled. Samples from both temporary and permanent monitoring wells are collected using individually wrapped disposable polyethylene bailers by field personnel wearing disposable latex gloves. Only one well is sampled with a given bailer in order to prevent sample cross-contamination. During both well purging and sampling, proper protective clothing and equipment is used and is dependent upon the type and level of contaminants present. Also, field personnel change gloves between different samples to reduce the chance of cross-contamination. Water samples are transferred from the bailer to laboratory-prepared sampling containers using slow emptying devices to reduce the chance of contamination loss through volatilization. Preservatives, such as acids, are added to samples directly after they are collected if in-field preservation is necessary. The samples are labeled with the project name, project number, sample identification, required analysis, and date and time of collection. The samples are placed on ice, sent to a certified laboratory, and analyzed before the expiration of an analytical method's prescribed holding time. Chain-of-custody documentation is maintained for each sample collected in the field.

Other Groundwater Sampling Protocols

When required by state or federal regulations, low-flow groundwater sampling procedures are instituted. Groundwater samples collected in low-flow situations are collected using a peristaltic pump. A peristaltic pump is a type of positive displacement pump. The fluid is contained within a flexible tube fitted inside a circular pump casing. A rotor with a number of rollers attached to the external circumference compresses the flexible tube. As the rotor turns, the part of tube under compression closes thus forcing the fluid to be pumped to move through the tube. Groundwater parameters such as water level drawdown, pH, conductivity, dissolved oxygen (DO) and turbidity. Pumping rate, drawdown, and the time or volume required to obtain stabilization of parameter readings can be used as a future guide to purge the well. Measurements are collected at a pre-pumping established interval (typically five to ten minutes). Once all or a majority of the parameters have stabilized for three successive readings, stabilization has been achieved. In lieu of measuring all five parameters, a minimum subset would include pH, conductivity, and turbidity or DO. Three successive readings should be within ± 0.1 for pH, ± 3% for conductivity, and ± 10% for turbidity and DO.

Upon parameter stabilization, sampling is initiated. Sampling flow rate is maintained at the established purge rate or is adjusted slightly to minimize aeration, bubble formation, turbulent filling of sample bottles, or loss of volatiles due to extended residence time in tubing. The same device used for purging is used to collect the groundwater sample. Generally, volatile parameters are sampled first. The sequence in which samples for inorganic parameters are collected is not determined unless filtered (dissolved) samples are collected. Preservatives, such as acids, are added to samples directly after they are collected if in-field preservation is necessary. The samples are labeled with the project name, project number, sample identification, required analysis, and date and time of collection. The samples are placed on ice, sent to a certified laboratory, and analyzed before the expiration of an analytical method's prescribed holding time. Chain-of-custody documentation is maintained for each sample collected in the field.

During both well purging and sampling, proper protective clothing and equipment is used and is dependent upon the type and level of contaminants present. Also, field personnel change gloves between different monitoring wells or sampling points to reduce the chance of cross-contamination. When multiple monitoring wells or sampling points are sampled, sampling is completed beginning with the least contaminated well to the most contaminated well, if it is known.

Stockpile Sampling

The number of composite samples collected from a stockpile or a total quantity of excavated soil is based upon the cubic yardage. One composite sample is collected for every 100 cubic yards of contaminated soil excavated. The volume of a stockpile or total quantity of excavated soil is calculated by approximating the general geometry of a stockpile or estimating the capacity of the dump trucks used for hauling. If a stockpile is sampled, a grid pattern is laid out on the stockpile, dividing the stockpile into segments of approximately 200 cubic yards. Two soil borings are

advanced within a grid and three soil samples are collected from each soil boring at various depths. The six soil samples are mixed into a composite sample by a trained TerraQuest technician. If truck loads are sampled, an aliquot sample is collected from the hauling trucks at a frequency based upon the capacity of the hauling trucks.

Aliquots are gently mixed into a composite sample by a trained TerraQuest technician. Every effort is made to minimize the loss of contaminants through volatilization. The composited soil samples are jarred in the appropriate laboratory-prepared containers, labeled with the sample location, sample identification, date of collection, time of collection, the analytical method, and the preservative. The samples are placed on ice, sent to a laboratory, and analyzed before the expiration of an analytical method's prescribed holding time. Chain-of-custody documentation is maintained for each sample collected in the field.

Surface Water Sampling

Surface water samples, specifically samples from creeks or streams, are collected from a moving/flowing portion of the creek or stream to ensure that stagnant water is not collected. Field personnel are careful to collect samples from flowing areas that are not so turbulent as to cause a loss of volatile contaminants which might have been contained in the creek's/stream's water. Samples are collected by field personnel wearing disposable latex gloves. Field personnel change gloves between different locations to reduce the chance of cross-contamination. Samples are collected directly from the appropriate creek or stream location and placed into the appropriate laboratory-prepared containers. Preservatives, such as acids, are added to samples directly after they are collected if preservation is necessary. The samples are labeled with the project name, project number, sample identification, required analysis, and date and time of collection. The samples are cooled on ice to approximately four degrees centigrade, sent to a certified laboratory, and analyzed before the expiration of an analytical method's prescribed holding time. Chain-of-custody documentation is maintained for each sample collected in the field.

Potable Well Sampling

Groundwater samples from potable wells are collected from sampling points, typically spigots, located in the closest proximity to the potable well pump house as possible. Prior to sample collection, the water is run for a sufficient amount of time to purge the bladder tank and assure that sampled water is representative of aquifer conditions. Once purged, the flow rate is reduced and samples are placed in the appropriate laboratory prepared containers and the appropriate acid preservatives are added if preservation of the sample is necessary. The samples are labeled with the project name, project number, sample identification, required analysis, and date and time of collection. The samples are placed on ice, sent to a laboratory, and analyzed before the expiration of an analytical method's prescribed holding time. Chain-of-custody documentation is maintained for each sample collected in the field.

Public Water Supply Line Sampling

Groundwater samples from public water supply lines are collected from sampling points, typically spigots. To sample the spigot, the flow rate is reduced and samples are placed in the appropriate laboratory prepared containers. The samples are labeled with the sample location, sample identification, date of collection, time of collection, and required analytical method. The samples are placed on ice, sent to a laboratory, and analyzed before the expiration of an analytical method's prescribed holding time. Chain-of-custody documentation is maintained for each sample collected in the field.

Air Sampling

Air samples are collected with the aide of a manually operated MityVac® pump manufactured by Pristech, Inc. The air sampling process begins by connecting a length of rubber hose from the MityVac® pump to the port to be sampled, or by hanging the hose inside of an emissions stack in such a manner as to ensure no outside air causes dilution. Another length of hose is fixed to the outlet port of the pump and is connected to a new Tedlar bag. Once the pump is hooked up, a valve on the Tedlar collection bag is opened and air is manually forced into the bag by the pumping action of sampling personnel.

Field Measurements

Field measurements taken to determine the pH, conductivity, temperature, and dissolved oxygen concentration of a particular groundwater sample are taken directly after a particular monitoring well has been adequately purged. This ensures that the groundwater parameter data collected is representative of the aquifer conditions at a given location. Once purging of the monitoring well is complete, the decontaminated probe head and cord of the appropriate unit is lowered into the required monitoring well. If the depth to water in a specific monitoring well is greater than the length of cord for a particular unit, a new, disposable bailer is slowly lowered into the appropriate monitoring well and a representative groundwater sample is retrieved. A slow pouring device is fitted onto the end of the disposable bailer and the sample is slowly poured into a new, disposable plastic cup. Groundwater parameter data are then collected from the groundwater in the cup using the required unit.

For pH, conductivity, and temperature, a Hanna Instruments Model 991300 portable meter is utilized. This unit is periodically calibrated and maintained in accordance with the unit's operations manual by field personnel. Prior to data collection, the unit is properly decontaminated to prevent cross-contamination. The unit is decontaminated between each sample. The procedure used for sample measurement involves lowering the meter's probe into the new, disposable cup containing the groundwater sample to be measured and slowly stirring the probe to force groundwater across the probe's membrane. The measurements displayed by the meter are then recorded.

For dissolved oxygen concentration measurements, a YSI® Model 55 Handheld Dissolved Oxygen System is utilized. This unit is periodically calibrated and maintained in accordance with the unit's operations manual by field personnel. Prior to data collection, the unit is properly decontaminated to prevent cross-contamination. The unit is decontaminated between each sample. The procedure used for sample measurement involves adjusting the unit for the correct altitude where the sampling will take place and adjusting the reported units desired. Once this is done, the unit's probe is inserted into the groundwater sample to be measured and the probe is slowly stirred to force the groundwater across the probe's membrane. The measurements displayed by the unit are then recorded.

For turbidity measurements, a Hach 2100P Portable Turbidity meter or equal equivalent is utilized. The unit is calibrated prior to use in accordance with the unit's operations manual by field personnel. Groundwater samples are collected in glass containers for measurement by the instrument. The glass containers are washed with bottled-water between each measurement collection. Once the sample is collected and inserted into the instrument, the measurements displayed by the instrument are then recorded.

APPENDIX B

TERRAquest
ENVIRONMENTAL CONSULTANTS, P.C.

LEGEND FOR SOIL BORING LOGS AND WELL COMPLETION DIAGRAMS

GRAPHIC SYMBOL	LETTER SYMBOL	TYPICAL DESCRIPTION
	GW	Well–graded gravels, gravel–sand mixtures.
	GP	Poorly–graded gravels, gravel–sand mixtures.
	GM	Silty gravels, gravel–silt–sand mixtures.
	GC	Clayey gravels, gravel–sand–clay mixtures.
	SW	Well–graded sands, gravelly sands.
	SP	Poorly–graded sands, gravelly–sands.
	SM	Silty sands, sand–silt mixtures.
	SC	Clayey sands, sand–clay mixtures.

GRAPHIC SYMBOL	LETTER SYMBOL	TYPICAL DESCRIPTION
	ML	Inorganic silts and very fine sands, silty or clayey fine sands.
	CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty or lean clays.
	OL	Organic silts and clays.
	MH	Micaceous or silty soils.
	CH	Inorganic clays of high plasticity.
	OH	Organic clays, organic silts with medium to high plasticity.
		Saprolite with the soil characteristics of a sand, gravel, silt, or clay.
		Bedrock

WELL COMPLETION SYMBOLS

- PORTLAND CEMENT
- BENTONITE
- WELL SAND

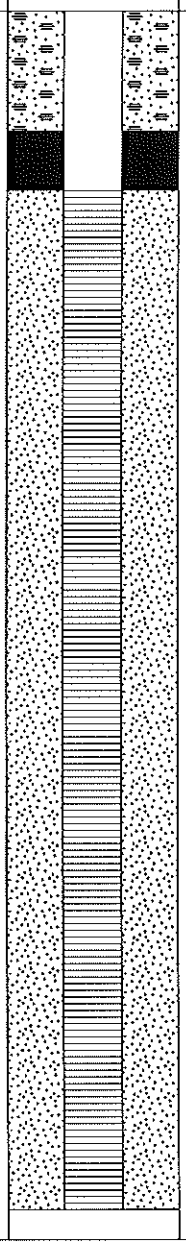
Classification symbol and name are based upon the visual–manual procedures described in ASTM Test Method D 2488.

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	COMPONENT	%
0–4	VERY LOOSE	0–2	VERY SOFT	MOSTLY	50–100%
5–10	LOOSE	3–4	SOFT	SOME	30–45%
11–30	MED. DENSE	5–8	MEDIUM STIFF	LITTLE	15–25%
31–50	DENSE	9–15	STIFF	FEW	5–10%
		16–30	VERY STIFF	TRACE	<5%
		31+	HARD		

TERRAquest
ENVIRONMENTAL CONSULTANTS, P.C.

BORING LOG/MONITORING WELL INSTALLATION DETAIL

Contractor: R.E.D.I.	**Date Started:** 4/9/15	**Boring Number:**
Drill Method: Air Hammer	**Date Finished:** 4/9/15	**MW16**
Driller: Bryan Vest	**Logged by:** Nick Perry	

Sample	Blow Counts	Completion	OVM (ppm)	Depth Feet	Lithology	Description
						Asphalt
						Lean Clay (CL) Mostlt medium stiff, orange clay with some silt and little fine to medium grain sand.
				5		
						Sandy Silt (ML) Mostly soft to medium stiff, orangfe silt with fine to medium grain sand.
				10		Silty Sand (SC) Mostly medium dense, orange fine to course grain sand with some silt.
						Saprolite White/orange weathered granitic material. Characteristics of sand.
				15		
				20		
				25		Bedrock Boring terminated @ 40 feet BGL.
				30		
				35		
				40		

Scale as shown; Hatch pattern denotes soil sample depth;
Solid denotes lab sample depth; Lithology hatch pattern legend is attached;

Well Construction

2" diameter Sch. 40 PVC; .010" slotted screen
Sand: no. 2 sand; Grout: poured portland; Bentonite: poured pellets
Finished with 8"-diameter metal bolt down manhole.
NA - Not Applicable; BGL - Below Ground Level

Site:
Paul's Cash Grocery
7301 Poole Road
Raleigh, NC 27610

Client:
Robert Lee
7301 Poole Road
Raleigh, NC 27610

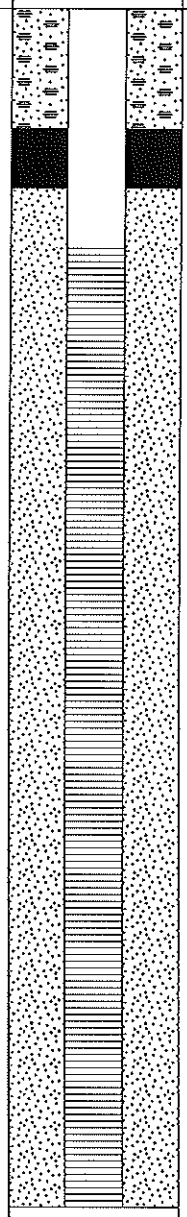
Project No.: 03403 **Page** 1

TERRAquest
ENVIRONMENTAL CONSULTANTS, P.C.

BORING LOG/MONITORING WELL INSTALLATION DETAIL

Contractor: R.E.D.I	**Date Started:** 4/9/15	**Boring Number:**
Drill Method: Air Hammer	**Date Finished:** 4/9/15	**MW17**
Driller: Bryan Vest	**Logged by:** Nick Perry	

Sample	Blow Counts	Completion	OVM (ppm)	Depth Feet	Lithology	Description
						Asphalt
						Lean Clay (CL) Moslty stiff, orange clay some silt and little fine to course grain sand.
				5		Silty Sand (SC) Mostly medium dense, orange turning to tan fine to course grain sand with some silt.
				10		Saprolite Light orange/tan weathered granitic material. Characteristics of sand.
				15		Bedrock Boring terminated @ 40 feet BGL.
				20		
				25		
				30		
				35		
				40		



Scale as shown; Hatch pattern denotes soil sample depth;
Solid denotes lab sample depth; Lithology hatch pattern legend is attached;

Well Construction

2" diameter Sch. 40 PVC; .010" slotted screen
Sand: no. 2 sand; Grout: poured portland; Bentonite: poured pellets
Finished with 8"-diameter metal bolt down manhole.
NA - Not Applicable; BGL - Below Ground Level

Site:
Paul's Cash Grocery
7301 Poole Road
Raleigh, NC 27610

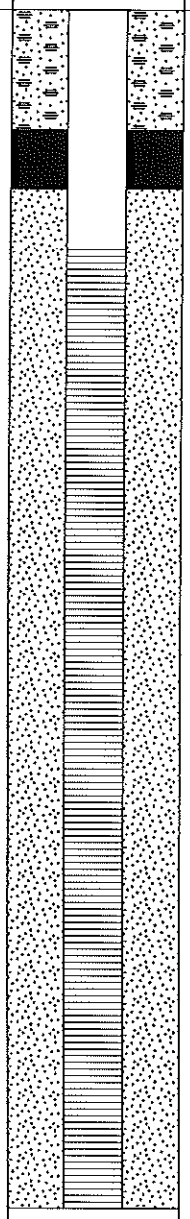
Client:
Robert Lee
7301 Poole Road
Raleigh, NC 27610

Project No.: 03403

TERRAquest
ENVIRONMENTAL CONSULTANTS, P.C.

BORING LOG/MONITORING WELL INSTALLATION DETAIL

Contractor: R.E.D.I	**Date Started:** 4/9/15	**Boring Number:**
Drill Method: Air Hammer	**Date Finished:** 4/9/15	**MW18**
Driller: Bryan Vest	**Logged by:** Nick Perry	

Sample	Blow Counts	Completion	OVM (ppm)	Depth Feet	Lithology	Description
						Asphalt
						Lean Clay (CL) Mostly stiff, orange clay some silt and little fine to course grain sand.
				5		Silty Sand (SC) Mostly medium dense, orange turning to tan fine to course grain sand with some silt.
				10		Saprolite Light orange/tan weathered granitic material. Characteristics of sand.
				15		Bedrock Boring terminated @ 40 feet BGL.
				20		
				25		
				30		
				35		
				40		

Scale as shown; Hatch pattern denotes soil sample depth;
Solid denotes lab sample depth; Lithology hatch pattern legend is attached;

Well Construction

2" diameter Sch. 40 PVC; .010" slotted screen
Sand: no. 2 sand; Grout: poured portland; Bentonite: poured pellets
Finished with 8"-diameter metal bolt down manhole.
NA - Not Applicable; BGL - Below Ground Level

Site:
Paul's Cash Grocery
7301 Poole Road
Raleigh, NC 27610

Client:
Robert Lee
7301 Poole Road
Raleigh, NC 27610

Project No.: 03403

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Bryan Vest

Well Contractor Name

3580

NC Well Contractor Certification Number

Ransier Environmental Drilling, Inc.

Company Name

2. Well Construction Permit #: _____

List all applicable well permits (i.e. County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:

- ☑ Monitoring
- ☐ Recovery

Injection Well:

- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 4/9/15 **Well ID#** MW-16, 17,18

5a. Well Location:

Paul's Cash Grocery

Facility/Owner Name

Facility ID# (if applicable)

7301 Poole Rd, Raleigh

Physical Address, City, and Zip

Wake

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees (if well field, one lat/long is sufficient)

35 45.16 N 78 30.59 W

6. Is (are) the well(s): ☑ **Permanent** or ☐ **Temporary**

7. Is this a repair to an existing well: ☐ **Yes** or ☑ **No**

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: 3

For multiple injection or non-water supply wells ONLY with the same construction, you can submit one form.

9. Total well depth below land surface: 40 (ft.)

For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: 21 (ft.)

If water level is above casing, use "+"

11. Borehole diameter: 6 (in.)

12. Well construction method: air

(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	ft.	in.	sch 40	PVC

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	8 ft.	2 in.	sch 40	
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
8 ft.	40 ft.	2 in.	.010	sch 40	
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	4 ft.	neat cement	tremmie
ft.	ft.		
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
6 ft.	40 ft.	medium quartz	pour
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
0 ft.	16 ft.	clayey silt
16 ft.	34 ft.	weathered rock
34 ft.	40 ft.	rock
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Bryan Vest — Signature of Certified Well Contractor

4/10/15 — Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

[redacted]

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit, 1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells ONLY: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program, 1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

APPENDIX C

COMPLETE ANALYTICAL HISTORY - MW1
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Naphthalene	n-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	n-Propylbenzene	Styrene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (MEK)	4-Methyl-2-Pentanone (MIBK)	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C10 Aromatics	Lead	Nitrate	Sulfate
11/6/01	602	7,700	16,000	1,700	10,100	25,000	ND	NR	NR	NR	NR	NR	ND	NR	ND	NR	NR	NR	NR	22,000	ND	ND	NR	-	-
2/1/02	602	12,000	28,000	2,300	13,500	37,000	ND	NR	NR	NR	NR	NR	ND	NR	ND	NR	NR	NR	NR	33,000	ND	ND	NR	-	-
6/7/02	602	9,500	18,000	1,800	11,800	23,000	ND	NR	NR	NR	NR	NR	ND	NR	ND	NR	NR	NR	NR	18,000	ND	ND	NR	-	-
8/30/02	602	11,000	24,000	2,200	12,700	30,000	ND	NR	NR	NR	NR	NR	ND	NR	ND	NR	NR	NR	NR	NR	NR	NR	NR	-	-
1/9/03	602	8,000	22,000	1,700	10,300	27,000	ND	NR	NR	NR	NR	NR	ND	NR	ND	NR	NR	NR	NR	NR	NR	NR	**9.8**	-	-
4/24/03	602	2,300	5,400	1,200	8,500	3,300	ND	NR	NR	NR	NR	NR	ND	NR	ND	NR	NR	NR	NR	9,600	12,000	2,500	ND	-	-
7/18/03	602	1,700	2,700	850	5,900	2,100	19	NR	NR	NR	NR	NR	ND	NR	ND	NR	NR	NR	NR	NR	NR	NR	<5	-	-
1/31/04	6210D	2,400	7,800	1,300	8,300	7,700	<50	360	60	90	<50	<50	ND	190	ND	1,800	500	<2,500	<2,500	-	-	-	-	-	-
10/18/06	6210D	1,700	1,500	850	4,500	2,100	<1.0	200	<1.0	77.0	4.4	<1.0	ND	120	ND	990	350	13	16	-	-	-	-	-	-
2/10/09	6200B	1,100	820	1,500	5,010	1,800	<20	410	<20	130	55	20	ND	320	ND	2,000	660	<200	<200	-	-	-	-	-	-
6/24/13	6200B	24	49	190	334	33	<1	90	2.6	19	1.6	2.8	ND	34	ND	190	48	<10	<10	-	-	-	-	-	-
4/14/15	6200B	94	8.52	1,160 D	1,312.7 D	48.9	0.4 J	549 DH	18.6	102 D	0.39 J	14.5	0.77	228 D	1.59	1,600 D	33.5	<0.378	<0.253	-	-	-	-	1,070	4,970 J
	2L Standards	1	600	600	500	20	70	6	70	70	25	70	70	70	70	400	400	4,000	NE	400	700	200	15	10,000	250,000

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested, NE = not established.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW2
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Naphthalene	n-Proppylbenzene	Isopropylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Alphatics	C9-C12 Alphatics	C9-C10 Aromatics	Lead	Nitrate	Sulfate
2/1/02	602	**400**	ND	ND	**140**	**1,800**	ND	NR	ND	NR	NR	NR	**1,700**	ND	ND	NR	-	-
6/7/02	602	**180**	ND	ND	**83**	**1,100**	ND	NR	ND	NR	NR	NR	**800**	ND	ND	NR	-	-
8/30/02	602	**230**	ND	ND	**136**	**1,000**	ND	NR	ND	NR	NR	NR	ND	ND	ND	NR	-	-
1/9/03	602	**55**	ND	ND	ND	**1,100**	ND	NR	ND	NR	NR	NR	NR	NR	NR	ND	-	-
4/24/03	602	**54**	ND	ND	**26**	**360**	ND	NR	ND	NR	NR	NR	**400**	**510**	**120**	ND	-	-
7/30/03	602	**1**	<5	<5	<20	**370**	<5	NR	ND	NR	NR	NR	NR	NR	NR	<5	-	-
1/31/04	6210D	**35**	<5	<1	**33.3**	**560**	<1	<5	ND	**1.6**	**22**	**4.9**	-	-	-	-	-	-
10/18/06	6210D	**38.0**	<5.0	<1.0	**64.0**	**190**	<1.0	**8.1**	ND	**4.6**	**50.0**	**11.0**	-	-	-	-	-	-
2/10/09	6200B	**6.9**	<5	<1	**3.2**	**180**	<1	<5	ND	**2**	<1	<1	-	-	-	-	-	-
6/24/13	6200B	<1	<5	<1	<3	**64**	<1	**6.7**	ND	<1	**1.1**	<1	-	-	-	-	-	-
4/14/15	6200B	<0.119	<0.0570	**1.05**	**1.492**	**25.5**	<0.0920	**13.5 H**	**0.4 J**	<0.0980	**2.5**	<0.0870					**4,130**	**4,470 J**
	2L Standards	1	600	600	500	20	70	6		70	400	400	400	700	200	15	10,000	250,000

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW2D
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	iPE	Naphthalene	Isopropylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Alphatics	C9-C12 Alphatics	C9-C10 Aromatics	Lead
2/1/02	602	**140**	ND	ND	**75**	**750**	ND	NR	NR	NR	NR	**570**	ND	ND	NR
6/7/02	602	**160**	ND	ND	**89**	**870**	ND	NR	NR	NR	NR	**610**	ND	ND	NR
8/30/02	602	**39**	ND	ND	**16**	**160**	ND	NR	NR	NR	NR	NR	NR	NR	NR
1/9/03	602	**260**	ND	ND	**133**	**680**	ND	NR	NR	NR	NR	NR	NR	NR	ND
4/24/03	602	**140**	ND	ND	**87**	**360**	ND	NR	NR	NR	NR	NR	NR	NR	ND
7/31/03	602	**36**	<5	<5	**11**	**220**	<5	NR	NR	NR	NR	NR	NR	NR	<5
1/31/04	6210D	**32**	<5	**13**	**31**	**200**	<1	**6.4**	**1.4**	**19**	**3.8**	-	-	-	-
10/18/06	6210D	**51.0**	<5.0	<1.0	**73.0**	**260**	<1.0	**20.0**	**7.3**	**58.0**	**1.5**	-	-	-	-
2/10/09	6200B	**58**	<25	<5	**43**	**290**	<5	<25	**11**	**17**	<5	-	-	-	-
6/24/13	6200B	**6.7**	<5	<1	**3.1**	**99**	<1	**5.6**	**1.4**	<1	<1	-	-	-	-
4/14/15	6200B	**0.97**	<0.0570	**0.22 J**	**0.88 J**	**24.2**	<0.0920	**2.49 H**	**0.32 J**	**0.66**	<0.0870	-	-	-	-
	2L Standards	1	600	600	500	20	70	6	70	400	400	400	700	200	15

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW3
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Naphthalene	EDB	n-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	n-Propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C10 Aromatics	Lead	Nitrate	Sulfate
2/1/02	602	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	NR	-	-
6/7/02	602	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	NR	-	-
8/30/02	602	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	-	-
1/9/03	602	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	-	-
4/24/03	602	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	-	-
7/30/03	602	<1	<1	<1	<4	<2	<1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	**20.1**	-	-
1/31/04	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-
10/18/06	6210D	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<5.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0940	-	<0.0600	<0.0980	<0.0890	<0.0920	<0.0890	<0.0650	<0.103	<0.0870	-	-	-	-	**4,110**	**3,580 J**
	2L Standards	1	600	600	500	20	70	6	0.02	70	70	200	70	70	70	400	400	400	700	200	15	10,000	250,000

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW4
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Naphthalene	EDB	n-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	n-Propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C10 Aromatics	Lead
2/1/02	602	ND	ND	**3**	**13**	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	NR
6/7/02	602	ND	ND	**2**	**11**	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	<100	ND	ND	NR
8/30/02	602	ND	ND	**2**	**10**	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
1/9/03	602	ND	ND	**5**	**25**	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND
4/24/03	602	ND	**1.1**	**6.1**	**35**	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND
7/30/03	602	<1	<1	**4.7**	**22.6**	<2	<1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	<5
1/31/04	6210D	<1	<5	**2.2**	**12.2**	<1	<1	<5	-	<1	**3.8**	**6.2**	**5.1**	**1.2**	**4.3**	**28**	**29**	-	-	-	-
10/18/06	6210D	<1.0	<5.0	**1.2**	**5.7**	<1.0	<1.0	<5.0	-	<1.0	**2.9**	**1.2**	**4.5**	<1.0	**4.5**	**21.0**	**17.0**	-	-	-	-
2/10/09	oil/water interface										**FREE PRODUCT 0.88'**										
3/2/10	oil/water interface										**FREE PRODUCT 0.42'**										
6/24/13	oil/water interface										**FREE PRODUCT 0.91'**										
4/14/15	6200B	<0.119	<0.0570	**3.49**	**55**	<0.169	<0.0920	**9.69 H**	-	<0.0600	**6.52**	**1.64**	**7.71**	**1.97**	**5.72**	**87.7 D**	**68.8**	-	-	-	-
	2L Standards	1	600	600	500	20	70	6	0.02	70	70	200	70	70	70	400	400	400	700	200	15

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW5
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Alphatics	C9-C12 Alphatics	C9-C10 Aromatics	Lead	Nitrate	Sulfate
6/7/02	602	ND	ND	ND	ND	**4**	ND	NR	NR	ND	ND	ND	NR	-	-
8/30/02	602	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	-	-
1/9/03	602	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	**8.8**	-	-
4/23/03	602	ND	**1.3**	ND	ND	ND	ND	NR	NR	NR	NR	NR	**6.45**	-	-
7/30/03	602	<1	<1	<1	<4	<2	<1	NR	NR	NR	NR	NR	<5	-	-
1/31/04	6210D	<1	<5	<1	<3	**4.5**	<1	<1	<1	-	-	-	-	-	-
10/18/06	6210D	<1.0	<5.0	<1.0	<3.0	**1.8**	<1.0	<1.0	<1.0	-	-	-	-	-	-
2/10/09	6200B	<1	<5	<1	<3	<1	<1	<1	<1	-	-	-	-	-	-
6/24/13	6200B	<1	<5	<1	<3	<1	<1	<1	<1	-	-	-	-	-	-
4/14/15	6200B	<0.119	**0.87**	<0.0920	<0.298	<0.169	<0.0920	<0.103	<0.0870	-	-	-	-	**2,130**	**4,040 J**
	2L Standards	1	600	600	500	20	70	400	400	400	700	200	15	10,000	250,000

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW6
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Alphatics	C9-C12 Alphatics	C9-C10 Aromatics	Lead
6/7/02	602	**270**	ND	ND	**90**	**1,700**	ND	NR	NR	**1,300**	ND	ND	NR
8/30/02	602	**82**	ND	ND	ND	**900**	ND	NR	NR	NR	NR	NR	NR
1/9/03	602	**59**	ND	ND	ND	**580**	ND	NR	NR	NR	NR	NR	ND
4/23/03	602	**130**	ND	ND	**50**	**620**	ND	NR	NR	**420**	**190**	<100	**13.6**
7/31/03	602	**9.6**	<5	<5	<20	**240**	<5	NR	NR	NR	NR	NR	**12**
1/31/04	6210D	**14**	<5	**4.5**	**9**	**79**	<1	**5.5**	**1.5**	-	-	-	-
10/18/06	6210D	**6.5**	<5.0	<1.0	**1.7**	**150**	<1.0	<1.0	<1.0	-	-	-	-
2/10/09	6200B	<1	<5	<1	<3	**73**	<1	<1	<1	-	-	-	-
6/24/13	6200B	<1	<5	<1	<3	**21**	<1	<1	<1	-	-	-	-
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	**17.8**	<0.0920	<0.103	<0.0870	-	-	-	-
	2L Standards	1	600	600	500	20	70	400	400	400	700	200	15

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW6D
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Tetrachloroethene (PCE)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Alphatics	C9-C12 Alphatics	C9-C10 Aromatics	Lead
6/7/02	602	**80**	ND	ND	20	**860**	ND	ND	NR	NR	**520**	ND	ND	NR
8/30/02	602	ND	ND	ND	ND	**350**	ND	ND	NR	NR	NR	NR	NR	NR
1/9/03	602	**41**	ND	ND	ND	**650**	ND	ND	NR	NR	NR	NR	NR	ND
4/23/03	602	ND	ND	ND	ND	**640**	ND	ND	NR	NR	**400**	ND	<100	ND
7/31/03	602	<1	<1	<1	<4	**71**	<1	ND	NR	NR	NR	NR	NR	<5
1/31/04	6210D	<1	<5	<1	<3	**67**	<1	ND	<1	<1	-	-	-	-
10/18/06	6210D	<1.0	<5.0	<1.0	<3.0	**8.2**	<1.0	ND	<1.0	<1.0	-	-	-	-
2/10/09	6200B	<1	<5	<1	<3	**5.3**	<1	ND	<1	<1	-	-	-	-
6/24/13	6200B	<1	<5	<1	<3	**7.3**	<1	ND	<1	<1	-	-	-	-
4/15/14	6200B	<0.119	<0.0570	<0.0920	<0.0298	**4.66**	<0.0920	**0.61**	<0.103	<0.0870	-	-	-	-
	2L Standards	1	600	600	500	20	70	0.7	400	400	400	700	200	15

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW7
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Tetrachloroethene (PCE)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Alphatics	C9-C12 Alphatics	C9-C10 Aromatics	Lead
6/7/02	602	**81**	ND	ND	**21**	**740**	ND	-	NR	NR	**480**	ND	ND	NR
8/30/02	602	**62**	ND	ND	ND	**600**	ND	-	NR	NR	NR	NR	NR	NR
1/9/03	602	**20**	ND	ND	ND	**250**	ND	-	NR	NR	NR	NR	NR	ND
4/24/03	602	ND	ND	ND	ND	**42**	ND	-	NR	NR	NR	NR	NR	ND
7/30/03	602	NR	NR	NR	NR	NR	NR	-	NR	NR	NR	NR	NR	NR
1/31/04	6210D	<1	<5	<1	<3	**170**	<1	-	<1	<1	-	-	-	-
10/18/06	6210D	**24.0**	<5.0	<1.0	**32.0**	**180**	<1.0	-	**9.6**	<1.0	-	-	-	-
2/10/09	6200B	<1	<5	<1	<3	**4.1**	<1	-	<1	<1	-	-	-	-
6/24/13	6200B	<1	<5	<1	<3	**1.2**	<1	**2**	<1	<1	-	-	-	-
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	**3.39**	<0.0920	**4.69**	<0.103	<0.0870	-	-	-	-
	2L Standards	1	600	600	500	20	70	0.7	400	400	400	700	200	15

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW8
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Tetrachloroethene (PCE)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Alphatics	C9-C12 Alphatics	C9-C10 Aromatics	Lead
6/7/02	602	ND	ND	ND	ND	ND	ND	-	NR	NR	ND	ND	ND	NR
8/30/02	602	ND	ND	ND	ND	ND	ND	-	NR	NR	NR	NR	NR	NR
1/9/03	602	ND	ND	ND	ND	ND	ND	-	NR	NR	NR	NR	NR	ND
4/24/03	602	ND	ND	ND	ND	ND	ND	-	NR	NR	NR	NR	NR	**19.5**
7/31/03	602	<1	<1	<1	<4	<2	<1	-	NR	NR	NR	NR	NR	**5.5**
1/31/04	6210D	<1	<5	<1	<3	**9.6**	<1	-	<1	<1	-	-	-	-
10/18/06	6210D	<1.0	<5.0	<1.0	<3.0	**13.0**	<1.0	-	<1.0	<1.0	-	-	-	-
2/10/09	6200B	<1	**1.1**	<1	<3	**7.1**	<1	-	<1	<1	-	-	-	-
6/24/13	6200B	<1	<5	<1	<3	**1.8**	<1	**25**	<1	<1	-	-	-	-
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	**1.81**	<0.0920	**147**	<0.103	<0.0870	-	-	-	-
	2L Standards	1	600	600	500	20	70	0.7	400	400	400	700	200	15

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW9
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Naphthalene	EDB	n-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	n-Propylbenzene	Tetrachloroethene (PCE)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C10 Aromatics	Lead
6/7/02	602	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	ND	NR	NR	ND	ND	ND	NR
8/30/02	602	ND	ND	ND	ND	**4**	ND	NR	NR	NR	NR	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR	NR
1/9/03	602	ND	ND	ND	ND	**3**	ND	NR	NR	NR	NR	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR	**5.1**
4/24/03	602	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR	ND
7/30/03	602	<1	<1	<1	<4	<2	<1	NR	NR	NR	NR	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR	**6.47**
1/31/04	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	ND	<1	<1	-	-	-	-
10/18/06	6210D	<1.0	<5.0	<1.0	<3.0	**2.6**	<1.0	<5.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<1.0	-	-	-	-
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	**0.32 J**	<0.0920	<0.0940	-	<0.0600	<0.0980	<0.0890	<0.0920	<0.0890	<0.0650	**7.35**	<0.109	<0.0870	-	-	-	-
	2L Standards	1	600	600	500	20	70	6	0.02	70	70	200	70	70	70	0.7	400	400	400	700	200	15

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW10
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Alphatics	C9-C12 Alphatics	C9-C10 Aromatics	Lead	Nitrate	Sulfate
6/7/02	602	ND	ND	ND	ND	**1,000**	ND	NR	NR	570	ND	ND	NR	-	-
8/30/02	602	ND	ND	ND	ND	**680**	ND	NR	NR	NR	NR	NR	NR	-	-
1/9/03	602	ND	ND	ND	ND	**1,000**	ND	NR	NR	NR	NR	NR	ND	-	-
4/24/03	602	ND	ND	ND	ND	**830**	ND	NR	NR	NR	NR	NR	ND	-	-
7/31/03	602	<1	<1	<1	<4	**69**	<1	NR	NR	NR	NR	NR	<5	-	-
1/31/04	6210D	<1	<5	<1	<3	**310**	<1	<1	<1	-	-	-	-	-	-
10/18/06	6210D	<1.0	<5.0	<1.0	<3.0	**250**	<1.0	<1.0	<1.0	-	-	-	-	-	-
2/10/09	6200B	<1	<5	<1	<3	**51**	<1	<1	<1	-	-	-	-	-	-
6/24/13	6200B	<1	<5	<1	<3	**5.6**	<1	<1	<1	-	-	-	-	-	-
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.103	<0.0870	-	-	-	-	**2,500**	**3,830 J**
	2L Standards	1	600	600	500	20	70	400	400	400	700	200	15	10,000	250,000

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW11
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Alphatics	C9-C12 Alphatics	C9-C10 Aromatics	Lead	Nitrate	Sulfate
6/7/02	602	ND	ND	ND	ND	ND	ND	NR	NR	ND	ND	ND	NR	-	-
8/30/02	602	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	-	-
1/9/03	602	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	**6.55**	-	-
4/24/03	602	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	ND	-	-
7/30/03	602	<1	<1	<1	<4	<2	<1	NR	NR	NR	NR	NR	<5	-	-
1/31/04	6210D	<1	<5	<1	<3	<1	<1	<1	<1	-	-	-	-	-	-
10/18/06	6210D	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	-
2/10/09	6200B	<1	<5	<1	**23.2**	<1	<1	<1	<1	-	-	-	-	-	-
6/24/13	6200B	<1	<5	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.103	<0.0870	-	-	-	-	**3,320**	<168
	2L Standards	1	600	600	500	20	70	400	400	400	700	200	15	10,000	250,000

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW13
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Alphatics	C9-C12 Alphatics	C9-C10 Aromatics	Lead
8/30/02	602	ND	ND	ND	ND	**6**	ND	NR	ND	NR	NR	ND	ND	ND	NR
1/9/03	602	ND	ND	ND	ND	**10**	ND	NR	ND	NR	NR	NR	NR	NR	**12.6**
4/23/03	602	ND	ND	ND	ND	**4.1**	ND	NR	ND	NR	NR	NR	NR	NR	**7.75**
7/31/03	602	<1	<1	<1	<4	**8.2**	<1	NR	ND	NR	NR	NR	NR	NR	**12.6**
1/31/04	6210D	<1	<5	<1	<3	**12**	<1	<1	ND	<1	<1	-	-	-	-
10/18/06	6210D	<1.0	<5.0	<1.0	<3.0	**7.6**	<1.0	<1	ND	<1.0	<1.0	-	-	-	-
2/10/09	6200B	<1	<5	<1	<3	**2.3**	<1	**87**	ND	<1	<1	-	-	-	-
6/24/13	6200B	<1	<5	<1	<3	**1.6**	<1	**190**	ND	<1	<1	-	-	-	-
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	**1.4**	<0.0920	**404 D**	**1.7**	<0.103	<0.0870	-	-	-	-
	2L Standards	1	600	600	500	20	70	0.7	3	400	400	400	700	200	15

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW13D
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Tetrachloroethene	C5-C8 Alphatics	C9-C12 Alphatics	C9-C10 Aromatics	Lead
8/30/02	602	ND	ND	ND	ND	**7**	ND	NR	NR	NR	NR	ND	ND	ND	NR
1/9/03	602	ND	ND	ND	ND	**9**	ND	NR	NR	NR	NR	NR	NR	NR	ND
4/23/03	602	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	ND
7/31/03	602	<1	<1	<1	<4	**6.8**	<1	NR	NR	NR	NR	NR	NR	NR	<5
1/31/04	6210D	<1	<5	<1	<3	**10**	<1	<5	<1	<1	<1	-	-	-	-
10/18/06	6210D	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	-	-	-	-
2/10/09	6200B	<1	<5	<1	<3	<1	<1	<5	<1	<1	**1.7**	-	-	-	-
6/24/13	6200B	<1	<5	<1	<3	<1	<1	<5	<1	<1	**140**	-	-	-	-
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0940	<0.103	<0.0870	**8.51**	-	-	-	-
	2L Standards	1	600	600	500	20	70	6	400	400	0.7	400	700	200	15

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW14
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Tetrachloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Alphatics	C9-C12 Alphatics	C9-C10 Aromatics	Lead
8/30/02	602	ND	ND	ND	ND	ND	ND	-	NR	NR	ND	ND	ND	NR
1/9/03	602	ND	ND	ND	ND	ND	ND	-	NR	NR	NR	NR	NR	**7.5**
4/23/03	602	ND	ND	ND	ND	ND	ND	-	NR	NR	NR	NR	NR	ND
7/31/03	602	<1	<1	<1	<4	<2	<1	-	NR	NR	NR	NR	NR	<5
1/31/04	6210D	<1	<5	<1	<3	<1	<1	-	<1	<1	-	-	-	-
10/18/06	6210D	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	-	<1.0	<1.0	-	-	-	-
2/10/09	6200B	<1	<5	<1	<3	<1	<1	-	<1	<1	-	-	-	-
6/24/13	6200B	<1	<5	<1	<3	<1	<1	**1.9**	<1	<1	-	-	-	-
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	**0.87**	<0.103	<0.0870	-	-	-	-
	2L Standards	1	600	600	500	20	70	0.7	400	400	400	700	200	15

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW15D
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Tetrachloroethene (PCE)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Alphatics	C9-C12 Alphatics	C9-C10 Aromatics	Lead
8/30/02	602	ND	ND	ND	ND	**17**	ND	ND	NR	NR	ND	ND	ND	NR
1/9/03	602	ND	ND	ND	ND	**16**	ND	ND	NR	NR	NR	NR	NR	ND
4/23/03	602	ND	ND	ND	ND	**4**	ND	ND	NR	NR	NR	NR	NR	ND
7/31/03	602	<1	<1	<1	<4	**19**	<1	ND	NR	NR	NR	NR	NR	<5
1/31/04	6210D	<1	<5	<1	<3	**12**	<1	ND	<1	<1	-	-	-	-
10/18/06	6210D	<1.0	<5.0	<1.0	<3.0	**23**	<1.0	ND	<1.0	<1.0	-	-	-	-
2/10/09	6200B	<1	<5	<1	<3	**19**	<1	ND	<1	<1	-	-	-	-
6/24/13	6200B	<1	<5	<1	<3	**6.4**	<1	ND	<1	<1	-	-	-	-
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	**4.93**	<0.0920	**4.83**	<0.103	<0.0870	-	-	-	-
	2L Standards	1	600	600	500	20	70	0.7	400	400	400	700	200	15

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - MW16
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.103	<0.0870
	2L Standards	1	600	600	500	20	70	400	400

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.

COMPLETE ANALYTICAL HISTORY - MW17
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.103	<0.0870
	2L Standards	1	600	600	500	20	70	400	400

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.

COMPLETE ANALYTICAL HISTORY - MW18
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	sec-Butylbenzene	tert-Butylbenzene	Isopropylbenzene	4-Isopropyltoluene	n-Propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
4/14/15	6200B	<0.119	<0.0570	**2.32**	**27.8**	<0.169	<0.0920	**10.9**	**1.47**	**8.36**	**8.62**	**8.36**	**71.8**	**56.8**
	2L Standards	1	600	600	500	20	70	70	70	70	25	70	400	400

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.

COMPLETE ANALYTICAL HISTORY - PW1
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Naphthalene	EDB	n-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	1,2-Dichloropropane	n-Propylbenzene	Tetrachloroethene (PCE)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C10 Aromatics	Lead
6/11/02	6230D	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	ND	NR	-	NR	NR	ND	ND	ND	ND
8/30/02	6230D	ND	ND	ND	ND	**0.5**	ND	NR	NR	NR	NR	NR	NR	NR	ND	NR	-	NR	NR	NR	NR	NR	ND
10/1/02	6230D	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	ND	NR	-	NR	NR	NR	NR	NR	NR
1/7/03	6230D	ND	ND	ND	ND	**0.9**	ND	NR	NR	NR	NR	NR	NR	NR	ND	NR	-	NR	NR	NR	NR	NR	ND
4/24/03	6230D	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	ND	NR	-	NR	NR	NR	NR	NR	ND
7/30/03	6230D	<0.5	<0.5	<0.5	<2	**0.52**	<0.5	NR	NR	NR	NR	NR	NR	NR	ND	NR	-	NR	NR	NR	NR	NR	<5
1/31/04	6210D	<1	<5	<1	<3	**7.3**	<1	5	-	<1	<1	<1	<1	<1	ND	<1	-	<1	<1	-	-	-	-
6/19/04	6210D	<1	<5	<1	<3	**2.7**	<1	<5	-	<1	<1	<1	<1	<1	ND	<1	-	<1	<1	-	-	-	-
11/9/04	6210D	<1	<5	<1	<3	**3.5**	<1	<5	-	<1	<1	<1	<1	<1	ND	<1	-	<1	<1	-	-	-	-
1/20/05	6210D	<1	<5	<1	<3	**3.6**	<1	<5	-	<1	<1	<1	<1	<1	ND	<1	-	<1	<1	-	-	-	-
6/14/05	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	ND	<1	-	<1	<1	-	-	-	-
9/15/05	6210D	<1	<5	<1	<3	**2.4**	<1	<5	-	<1	<1	<1	<1	<1	2	<1	-	<1	<1	-	-	-	-
9/6/06	6210D	<1	<5	<1	<3	**6.2**	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	-	-	-	-
2/10/09	6200B	<1	<5	<1	<3	**1.1**	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
6/24/13	6200B	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	1.4	<1	<1	-	-	-	-
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0940	-	<0.0600	<0.0980	<0.0890	<0.0920	<0.0890	<0.122	<0.0650	1.46	<0.103	<0.0870	-	-	-	-
	2L Standards	1	600	600	500	20	70	6	0.02	70	70	25	70	70	0.6	70	0.7	400	400	400	700	200	15

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection, NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - PW2
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Naphthalene	EDB	n-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	n-Propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Alphatics	C9-C12 Alphatics	C9-C10 Aromatics	Lead
6/11/02	6230D	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	**5.37**
1/7/03	6230D	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND
4/24/03	6230D	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	**14.7**
7/30/03	6230D	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
1/31/04	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
6/19/04	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
11/9/04	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
1/20/05	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
6/14/05	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
9/15/05	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	1	<1	<1	<1	<1	<1	-	-	-	-
9/6/06	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
2/10/09	6200B	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
6/24/13	6200B	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0940	-	<0.0600	<0.0980	<0.0890	<0.0920	<0.0890	<0.0650	<0.103	<0.0870	-	-	-	-
	2L Standards	1	600	600	500	20	70	6	0.02	70	70	200	70	70	70	400	400	400	700	200	15

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - PW9
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Naphthalene	EDB	n-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	n-Propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C10 Aromatics	Lead
6/11/02	6230D	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND
8/30/02	6230D	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND
1/7/03	6230D	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND
4/23/03	6230D	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND
7/30/03	6230D	<0.5	<0.5	<0.5	<2	<0.5	<0.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	<5
1/31/04	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
6/19/04	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
11/9/04	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
1/20/05	6210D	<1	<5	<1	<3	**2.1**	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
6/14/05	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
9/15/05	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
9/6/06	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
2/10/09	6200B	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
6/24/13	6200B	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0940	-	<0.0600	<0.0980	<0.0890	<0.0920	<0.0890	<0.0650	<0.103	<0.0870	-	-	-	-
	2L Standards	1	600	600	500	20	70	6	0.02	70	70	200	70	70	70	400	400	400	700	200	15

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - PW10
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Naphthalene	EDB	n-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	n-Propylbenzene	Tetrachloroethene (PCE)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Lead
8/30/02	6230D	ND	ND	ND	ND	**2**	ND	NR	NR	NR	NR	NR	NR	NR	NR	-	NR	NR	ND
10/1/02	6230D	ND	ND	ND	ND	**1**	ND	NR	NR	NR	NR	NR	NR	NR	NR	-	NR	NR	NR
1/7/03	6230D	ND	ND	ND	ND	**2**	NR	NR	NR	NR	NR	NR	NR	NR	NR	-	NR	NR	ND
4/24/03	6230D	ND	ND	ND	ND	**5**	NR	NR	NR	NR	NR	NR	NR	NR	NR	-	NR	NR	ND
7/30/03	6230D	<0.5	<0.5	<0.5	<2	**2**	<0.5	NR	NR	NR	NR	NR	NR	NR	NR	-	NR	NR	<5
1/31/04	6210D	<1	<5	<1	<3	**7.4**	<1	<5	-	<1	<1	<1	<1	<1	<1	-	<1	<1	-
6/19/04	6210D	<1	<5	<1	<3	**2.7**	<1	**7.1**	-	<1	<1	<1	<1	<1	<1	-	<1	<1	-
11/9/04	6210D	<1	<5	<1	<3	**3**	<1	<5	-	<1	<1	<1	<1	<1	<1	-	<1	<1	-
1/20/05	6210D	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	-	<1	<1	-
6/14/05	6210D	<1	<5	<1	<3	**1.1**	<1	<5	-	<1	<1	<1	<1	<1	<1	-	<1	<1	-
9/15/05	6210D	<1	<5	<1	<3	**1.2**	<1	<5	-	<1	<1	<1	<1	<1	<1	-	<1	<1	-
9/6/06	6210D	<1	<5	<1	<3	**5.3**	<1	<5	-	<1	<1	<1	<1	<1	<1	-	<1	<1	-
2/10/09	6200B	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-
6/24/13	6200B	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	**23**	<1	<1	-
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0940	-	<0.0600	<0.0980	<0.0890	<0.0920	<0.0890	<0.0650	**28.9**	<0.103	<0.0870	-
	2L Standards	1	600	600	500	20	70	6	0.02	70	70	200	70	70	70	0.7	400	400	15

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

COMPLETE ANALYTICAL HISTORY - PW17
PAUL'S CASH GROCERY AND SERVICE
NCDWM-UST INCIDENT NO. 23589
TERRAQUEST PROJECT NO. 03403

Date	Analysis	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	IPE	Naphthalene	EDB	n-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	n-Propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
11/9/04	6210D	<1	<5	<1	<3	**2.7**	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1
1/20/05	6210D	<1	<5	<1	<3	**2.8**	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1
6/14/05	6210D	<1	<5	<1	<3	**4.3**	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1
9/15/05	6210D	<1	<5	<1	<3	**4.5**	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1
9/6/06	6210D	<1	<5	<1	<3	**5.2**	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1
2/10/09	6200B	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1
6/24/13	6200B	<1	<5	<1	<3	<1	<1	<5	-	<1	<1	<1	<1	<1	<1	<1	<1
4/14/15	6200B	<0.119	<0.0570	<0.0920	<0.298	<0.169	<0.0920	<0.0940	-	<0.0600	<0.0980	<0.0890	<0.0920	<0.0890	<0.0650	<0.103	<0.0870
	2L Standards	1	600	600	500	20	70	6	0.02	70	70	200	70	70	70	400	400

Notes:
1. All results in ug/l = ppb.
2. Bold denotes a detected concentration; Shading denotes a concentration in excess of the 2L Standards.
3. Only detected and select analytes listed. Refer to analytical reports for the complete list of analytes.
4. ND = No detection (Mid-Atlantic), NR = Analysis not requested/reported (Mid-Atlantic), - = Analysis not requested.
5. 602 and 6210D analysis includes MTBE, Carbon fractions analyzed by MADEP VPH.
6. EDB analysis reported for method 504.1 only.

APPENDIX D

Analytical Report 506119

for

Terraquest Environmental Consultants, P.C.

Project Manager: Mike Brown

Paul's Cash Grocery and Service

03403

24-APR-15

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-14-18), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
New Jersey (TX007), North Carolina(681), Oklahoma (9218), Pennsylvania (68-03610)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Texas (T104704477), Louisiana (04176), USDA (P330-07-00105)

Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

24-APR-15

Project Manager: **Mike Brown**
Terraquest Environmental Consultants, P.C.
100 E. Ruffin Street
Mebane, NC 27302

Reference: XENCO Report No(s): **506119**
Paul's Cash Grocery and Service
Project Address: NC

Mike Brown:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 506119. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 506119 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Debbie Simmons

Debbie Simmons
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW1	W	04-14-15 13:56		506119-001
MW2	W	04-14-15 14:06		506119-002
MW2D	W	04-14-15 14:48		506119-003
MW3	W	04-14-15 14:22		506119-004
MW4	W	04-14-15 14:55		506119-005
MW5	W	04-14-15 14:16		506119-006
MW6	W	04-14-15 14:34		506119-007
MW6D	W	04-14-15 14:32		506119-008
MW7	W	04-14-15 13:50		506119-009
MW8	W	04-14-15 14:43		506119-010
MW9	W	04-14-15 14:50		506119-011
MW10	W	04-14-15 14:11		506119-012
MW11	W	04-14-15 14:29		506119-013
MW13	W	04-14-15 13:37		506119-014
MW13D	W	04-14-15 13:35		506119-015
MW14	W	04-14-15 13:39		506119-016
MW15D	W	04-14-15 14:39		506119-017
MW16	W	04-14-15 14:46		506119-018
MW17	W	04-14-15 14:41		506119-019
MW18	W	04-14-15 14:36		506119-020
RW1	W	04-14-15 14:51		506119-021
PW1	W	04-14-15 15:10		506119-022
PW2	W	04-14-15 15:05		506119-023
PW9	W	04-14-15 13:25		506119-024
PW10	W	04-14-15 13:15		506119-025
PW17	W	04-14-15 13:27		506119-026

CASE NARRATIVE SUMMARY

XENCO Laboratories
Florida Testing Services, LLC

Client Name: ***Terraquest Environmental Consultants, P.C.***
Project Name: ***Paul's Cash Grocery and Service***

Project ID: *03403* | *Report Date:* *24-APR-15*
Work Order Number: *506119* | *Date Received:* *16-APR-15*

Total Kjeldahl Nitrogen and Nitrate+Nitrite nitrogen (for Total Nitrogen calculation) analyzed by Xenco's Houston (Stafford) facility. This facility is Nelac certified for both analyses, but both analyses are not listed on Xenco"s North Carolina certification.

Debbie Simmons

Debbie Simmons
Project Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Hits Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id : **MW1**
Lab Sample Id : 506119-001

Matrix : Ground Water
Date Collected : 04.14.15 13.56
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : Inorganic Anions by SW-846 9056A
Seq Number 966552

Prep Method: SW9056P
Date Prep: 04.16.15 12.40

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Sulfate	14808-79-8	4.97	mg/L	04.16.15 14.25	J	1

Analytical Method : Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2
Seq Number 966709

Prep Method: E351.2P
Date Prep: 04.22.15 11.43

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Nitrogen, Total Kjeldahl	7727-37-9	0.894	mg/L	04.24.15 07.55		1

Analytical Method : Nitrogen, Nitrate-Nitrite by EPA 353.2
Seq Number 966385

Prep Method: E353.2P
Date Prep: 04.20.15 11.40

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Nitrogen, Nitrate-Nitrite	7727-37-9	0.174	mg/L	04.20.15 15.49		1

Analytical Method : Total Nitrogen
Seq Number 966714

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Total Nitrogen (calculated)	7727-37-9	1.07	mg/L	04.24.15 09.32		1

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966444

Prep Method: SM6200B_PREP
Date Prep: 04.20.15 07.00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,3,5-Trimethylbenzene	108-67-8	33.5	ug/L	04.20.15 10.52		1
4-Isopropyltoluene	99-87-6	0.390	ug/L	04.20.15 10.52	J	1
Benzene	71-43-2	94.4	ug/L	04.20.15 10.52		1
Isopropyl ether	108-20-3	0.400	ug/L	04.20.15 10.52	J	1
Methyl tert-butyl ether (MTBE)	1634-04-4	48.9	ug/L	04.20.15 10.52		1
n-Butylbenzene	104-51-8	18.6	ug/L	04.20.15 10.52		1
sec-Butylbenzene	135-98-8	14.5	ug/L	04.20.15 10.52		1
Styrene	100-42-5	1.59	ug/L	04.20.15 10.52		1
tert-Butylbenzene	98-06-6	0.770	ug/L	04.20.15 10.52		1
Toluene	108-88-3	8.52	ug/L	04.20.15 10.52		1
o-Xylene	95-47-6	12.7	ug/L	04.20.15 10.52		1

Hits Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id : **MW1**
Lab Sample Id : 506119-001

Matrix : Ground Water
Date Collected : 04.14.15 13.56
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966444

Prep Method: SM6200B_PREP
Date Prep: 04.23.15 07.16

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,2,4-Trimethylbenzene	95-63-6	1600	ug/L	04.23.15 12.35	D	20
Ethylbenzene	100-41-4	1160	ug/L	04.23.15 12.35	D	20
Isopropylbenzene	98-82-8	102	ug/L	04.23.15 12.35	D	20
Naphthalene	91-20-3	549	ug/L	04.23.15 12.35	DH	20
n-Propylbenzene	103-65-1	228	ug/L	04.23.15 12.35	D	20
m,p-Xylenes	179601-23-1	1300	ug/L	04.23.15 12.35	D	20

Hits Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id : **MW2**
Lab Sample Id : 506119-002

Matrix : Ground Water
Date Collected : 04.14.15 14.06
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : Inorganic Anions by SW-846 9056A
Seq Number 966552

Prep Method: SW9056P
Date Prep: 04.16.15 12.40

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Sulfate	14808-79-8	4.47	mg/L	04.16.15 14.42	J	1

Analytical Method : Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2
Seq Number 966709

Prep Method: E351.2P
Date Prep: 04.22.15 11.43

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Nitrogen, Total Kjeldahl	7727-37-9	0.481	mg/L	04.24.15 07.56		1

Analytical Method : Nitrogen, Nitrate-Nitrite by EPA 353.2
Seq Number 966385

Prep Method: E353.2P
Date Prep: 04.20.15 11.40

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Nitrogen, Nitrate-Nitrite	7727-37-9	3.65	mg/L	04.20.15 15.57		2

Analytical Method : Total Nitrogen
Seq Number 966714

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Total Nitrogen (calculated)	7727-37-9	4.13	mg/L	04.24.15 09.32		1

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966444

Prep Method: SM6200B_PREP
Date Prep: 04.20.15 07.00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,2,4-Trimethylbenzene	95-63-6	2.50	ug/L	04.20.15 11.19		1
Ethylbenzene	100-41-4	1.05	ug/L	04.20.15 11.19		1
Methyl tert-butyl ether (MTBE)	1634-04-4	25.5	ug/L	04.20.15 11.19		1
Naphthalene	91-20-3	13.5	ug/L	04.20.15 11.19	H	1
n-Propylbenzene	103-65-1	0.400	ug/L	04.20.15 11.19	J	1
m,p-Xylenes	179601-23-1	1.37	ug/L	04.20.15 11.19		1

Hits Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id : **MW2D**
Lab Sample Id : 506119-003

Matrix : Ground Water
Date Collected : 04.14.15 14.48
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966444

Prep Method: SM6200B_PREP
Date Prep: 04.20.15 07.00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,2,4-Trimethylbenzene	95-63-6	0.660	ug/L	04.20.15 11.45		1
Benzene	71-43-2	0.970	ug/L	04.20.15 11.45		1
Ethylbenzene	100-41-4	0.220	ug/L	04.20.15 11.45	J	1
Isopropylbenzene	98-82-8	0.320	ug/L	04.20.15 11.45	J	1
Methyl tert-butyl ether (MTBE)	1634-04-4	24.2	ug/L	04.20.15 11.45		1
Naphthalene	91-20-3	2.49	ug/L	04.20.15 11.45	H	1
m,p-Xylenes	179601-23-1	0.570	ug/L	04.20.15 11.45	J	1
o-Xylene	95-47-6	0.310	ug/L	04.20.15 11.45	J	1

Sample Id : **MW3**
Lab Sample Id : 506119-004

Matrix : Ground Water
Date Collected : 04.14.15 14.22
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : Inorganic Anions by SW-846 9056A
Seq Number 966552

Prep Method: SW9056P
Date Prep: 04.16.15 12.40

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Sulfate	14808-79-8	3.58	mg/L	04.16.15 15.00	J	1

Analytical Method : Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2
Seq Number 966709

Prep Method: E351.2P
Date Prep: 04.22.15 11.43

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Nitrogen, Total Kjeldahl	7727-37-9	0.668	mg/L	04.24.15 07.57		1

Analytical Method : Nitrogen, Nitrate-Nitrite by EPA 353.2
Seq Number 966385

Prep Method: E353.2P
Date Prep: 04.20.15 11.40

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Nitrogen, Nitrate-Nitrite	7727-37-9	3.44	mg/L	04.20.15 15.59		2

Analytical Method : Total Nitrogen
Seq Number 966714

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Total Nitrogen (calculated)	7727-37-9	4.11	mg/L	04.24.15 09.32		1

Hits Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id : **MW4**
Lab Sample Id : 506119-005

Matrix : Ground Water
Date Collected : 04.14.15 14.55
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966444

Prep Method: SM6200B_PREP
Date Prep: 04.20.15 07.00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,2,4-Trimethylbenzene	95-63-6	87.7	ug/L	04.20.15 14.56	D	10
1,3,5-Trimethylbenzene	108-67-8	68.8	ug/L	04.20.15 12.12		1
4-Isopropyltoluene	99-87-6	1.64	ug/L	04.20.15 12.12		1
Ethylbenzene	100-41-4	3.49	ug/L	04.20.15 12.12		1
Isopropylbenzene	98-82-8	6.52	ug/L	04.20.15 12.12		1
Naphthalene	91-20-3	9.69	ug/L	04.20.15 12.12	H	1
n-Propylbenzene	103-65-1	5.72	ug/L	04.20.15 12.12		1
sec-Butylbenzene	135-98-8	7.71	ug/L	04.20.15 12.12		1
tert-Butylbenzene	98-06-6	1.97	ug/L	04.20.15 12.12		1
m,p-Xylenes	179601-23-1	28.5	ug/L	04.20.15 12.12		1
o-Xylene	95-47-6	26.5	ug/L	04.20.15 12.12		1

Hits Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id : **MW5**
Lab Sample Id : 506119-006

Matrix : Ground Water
Date Collected : 04.14.15 14.16
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : Inorganic Anions by SW-846 9056A
Seq Number 966552

Prep Method: SW9056P
Date Prep: 04.16.15 12.40

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Sulfate	14808-79-8	4.04	mg/L	04.16.15 15.17	J	1

Analytical Method : Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2
Seq Number 966709

Prep Method: E351.2P
Date Prep: 04.22.15 11.43

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Nitrogen, Total Kjeldahl	7727-37-9	1.17	mg/L	04.24.15 08.01		1

Analytical Method : Nitrogen, Nitrate-Nitrite by EPA 353.2
Seq Number 966385

Prep Method: E353.2P
Date Prep: 04.20.15 11.40

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Nitrogen, Nitrate-Nitrite	7727-37-9	0.963	mg/L	04.20.15 15.53		1

Analytical Method : Total Nitrogen
Seq Number 966714

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Total Nitrogen (calculated)	7727-37-9	2.13	mg/L	04.24.15 09.32		1

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966444

Prep Method: SM6200B_PREP
Date Prep: 04.20.15 07.00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Toluene	108-88-3	0.870	ug/L	04.20.15 12.38		1

Hits Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id : **MW6**
Lab Sample Id : 506119-007

Matrix : Ground Water
Date Collected : 04.14.15 14.34
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966507

Prep Method: SM6200B_PREP
Date Prep: 04.19.15 15.36

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether (MTBE)	1634-04-4	17.8	ug/L	04.19.15 19.59		1

Sample Id : **MW6D**
Lab Sample Id : 506119-008

Matrix : Ground Water
Date Collected : 04.14.15 14.32
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966507

Prep Method: SM6200B_PREP
Date Prep: 04.19.15 15.36

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether (MTBE)	1634-04-4	4.66	ug/L	04.19.15 20.25		1
Tetrachloroethene (PCE)	127-18-4	0.610	ug/L	04.19.15 20.25		1

Sample Id : **MW7**
Lab Sample Id : 506119-009

Matrix : Ground Water
Date Collected : 04.14.15 13.50
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966507

Prep Method: SM6200B_PREP
Date Prep: 04.19.15 15.36

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether (MTBE)	1634-04-4	3.39	ug/L	04.19.15 20.51		1
Tetrachloroethene (PCE)	127-18-4	4.69	ug/L	04.19.15 20.51		1

Hits Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id : **MW8**
Lab Sample Id : 506119-010

Matrix : Ground Water
Date Collected : 04.14.15 14.43
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966507

Prep Method: SM6200B_PREP
Date Prep: 04.19.15 15.36

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether (MTBE)	1634-04-4	1.81	ug/L	04.19.15 21.16		1

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966507

Prep Method: SM6200B_PREP
Date Prep: 04.20.15 07.00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene (PCE)	127-18-4	147	ug/L	04.20.15 15.25	D	5

Sample Id : **MW9**
Lab Sample Id : 506119-011

Matrix : Ground Water
Date Collected : 04.14.15 14.50
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966507

Prep Method: SM6200B_PREP
Date Prep: 04.19.15 15.36

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether (MTBE)	1634-04-4	0.320	ug/L	04.19.15 21.42	J	1
Tetrachloroethene (PCE)	127-18-4	7.35	ug/L	04.19.15 21.42		1

Hits Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id : **MW10**
Lab Sample Id : 506119-012

Matrix : Ground Water
Date Collected : 04.14.15 14.11
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : Inorganic Anions by SW-846 9056A
Seq Number 966552

Prep Method: SW9056P
Date Prep: 04.16.15 12.40

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Sulfate	14808-79-8	3.83	mg/L	04.16.15 15.35	J	1

Analytical Method : Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2
Seq Number 966709

Prep Method: E351.2P
Date Prep: 04.22.15 11.43

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Nitrogen, Total Kjeldahl	7727-37-9	0.565	mg/L	04.24.15 08.02		1

Analytical Method : Nitrogen, Nitrate-Nitrite by EPA 353.2
Seq Number 966385

Prep Method: E353.2P
Date Prep: 04.20.15 11.40

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Nitrogen, Nitrate-Nitrite	7727-37-9	1.93	mg/L	04.20.15 15.54		1

Analytical Method : Total Nitrogen
Seq Number 966714

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Total Nitrogen (calculated)	7727-37-9	2.50	mg/L	04.24.15 09.32		1

Hits Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id : **MW11**
Lab Sample Id : 506119-013

Matrix : Ground Water
Date Collected : 04.14.15 14.29
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2
Seq Number 966709

Prep Method: E351.2P
Date Prep: 04.22.15 11.43

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Nitrogen, Total Kjeldahl	7727-37-9	0.0830	mg/L	04.24.15 08.03	J	1

Analytical Method : Nitrogen, Nitrate-Nitrite by EPA 353.2
Seq Number 966385

Prep Method: E353.2P
Date Prep: 04.20.15 11.40

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Nitrogen, Nitrate-Nitrite	7727-37-9	3.24	mg/L	04.20.15 16.00		2

Analytical Method : Total Nitrogen
Seq Number 966714

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Total Nitrogen (calculated)	7727-37-9	3.32	mg/L	04.24.15 09.32		1

Sample Id : **MW13**
Lab Sample Id : 506119-014

Matrix : Ground Water
Date Collected : 04.14.15 13.37
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966664

Prep Method: SM6200B_PREP
Date Prep: 04.23.15 07.16

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	1.21	ug/L	04.23.15 11.37		1
Methyl tert-butyl ether (MTBE)	1634-04-4	1.41	ug/L	04.23.15 11.37		1
Tetrachloroethene (PCE)	127-18-4	404	ug/L	04.23.15 12.06	D	10
Trichloroethene	79-01-6	1.70	ug/L	04.23.15 11.37		1

Hits Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id : **MW13D**
Lab Sample Id : 506119-015

Matrix : Ground Water
Date Collected : 04.14.15 13.35
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966444

Prep Method: SM6200B_PREP
Date Prep: 04.20.15 07.00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene (PCE)	127-18-4	8.51	ug/L	04.20.15 13.05		1

Sample Id : **MW14**
Lab Sample Id : 506119-016

Matrix : Ground Water
Date Collected : 04.14.15 13.39
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966444

Prep Method: SM6200B_PREP
Date Prep: 04.20.15 07.00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene (PCE)	127-18-4	0.870	ug/L	04.20.15 13.34		1

Sample Id : **MW15D**
Lab Sample Id : 506119-017

Matrix : Ground Water
Date Collected : 04.14.15 14.39
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966664

Prep Method: SM6200B_PREP
Date Prep: 04.23.15 07.16

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether (MTBE)	1634-04-4	4.93	ug/L	04.23.15 10.44		1
Tetrachloroethene (PCE)	127-18-4	4.83	ug/L	04.23.15 10.44		1

Hits Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id : **MW18**
Lab Sample Id : 506119-020

Matrix : Ground Water
Date Collected : 04.14.15 14.36
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966664

Prep Method: SM6200B_PREP
Date Prep: 04.23.15 07.16

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
1,2,4-Trimethylbenzene	95-63-6	71.8	ug/L	04.23.15 11.11		1
1,3,5-Trimethylbenzene	108-67-8	56.8	ug/L	04.23.15 11.11		1
4-Isopropyltoluene	99-87-6	8.62	ug/L	04.23.15 11.11		1
Ethylbenzene	100-41-4	2.32	ug/L	04.23.15 11.11		1
Isopropylbenzene	98-82-8	10.7	ug/L	04.23.15 11.11		1
n-Propylbenzene	103-65-1	8.36	ug/L	04.23.15 11.11		1
sec-Butylbenzene	135-98-8	10.9	ug/L	04.23.15 11.11		1
tert-Butylbenzene	98-06-6	1.47	ug/L	04.23.15 11.11		1
m,p-Xylenes	179601-23-1	16.7	ug/L	04.23.15 11.11		1
o-Xylene	95-47-6	11.1	ug/L	04.23.15 11.11		1

Sample Id : **RW1**
Lab Sample Id : 506119-021

Matrix : Ground Water
Date Collected : 04.14.15 14.51
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966444

Prep Method: SM6200B_PREP
Date Prep: 04.20.15 07.00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether (MTBE)	1634-04-4	24.2	ug/L	04.20.15 14.01		1
Tetrachloroethene (PCE)	127-18-4	0.320	ug/L	04.20.15 14.01	J	1

Sample Id : **PW1**
Lab Sample Id : 506119-022

Matrix : Ground Water
Date Collected : 04.14.15 15.10
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966507

Prep Method: SM6200B_PREP
Date Prep: 04.19.15 15.36

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene (PCE)	127-18-4	1.46	ug/L	04.20.15 01.36		1

Hits Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id : **PW10**
Lab Sample Id : 506119-025

Matrix : Ground Water
Date Collected : 04.14.15 13.15
Date Received : 04.16.15 09.40

% Moisture :

Analytical Method : VOCs by GC/MS by SM6200B
Seq Number 966590

Prep Method: SM6200B_PREP
Date Prep: 04.22.15 07.18

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether (MTBE)	1634-04-4	0.360	ug/L	04.22.15 17.34	J	1
Tetrachloroethene (PCE)	127-18-4	28.9	ug/L	04.22.15 17.34		1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW1** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-001 Date Collected: 04.14.15 13.56

Analytical Method: Total Nitrogen
Tech: MAB % Moisture:
Analyst: MAB
Seq Number: 966714 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Total Nitrogen (calculated)	7727-37-9	**1.07**	0.300	0.0740	mg/L	04.24.15 09.32		1

Analytical Method: Inorganic Anions by SW-846 9056A Prep Method: SW9056P
Tech: MWE % Moisture:
Analyst: 4099 Date Prep: 04.16.15 12.40
Seq Number: 966552

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Sulfate	14808-79-8	**4.97**	5.00	0.168	mg/L	04.16.15 14.25	J	1

Analytical Method: Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2 Prep Method: E351.2P
Tech: BFO % Moisture:
Analyst: BFO Date Prep: 04.22.15 11.43
Seq Number: 966709 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Total Kjeldahl	7727-37-9	**0.894**	0.300	0.0501	mg/L	04.24.15 07.55		1

Analytical Method: Nitrogen, Nitrate-Nitrite by EPA 353.2 Prep Method: E353.2P
Tech: BFO % Moisture:
Analyst: BFO Date Prep: 04.20.15 11.40
Seq Number: 966385 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Nitrate-Nitrite	7727-37-9	**0.174**	0.100	0.0218	mg/L	04.20.15 15.49		1

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Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW1** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-001 Date Collected: 04.14.15 13.56

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.20.15 10.52	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.20.15 10.52	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.20.15 10.52	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.20.15 10.52	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.20.15 10.52	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.20.15 10.52	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.20.15 10.52	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.20.15 10.52	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.20.15 10.52	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.20.15 10.52	U	1
1,2,4-Trimethylbenzene	95-63-6	**1600**	10.0	2.06	ug/L	04.23.15 12.35	D	20
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.20.15 10.52	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.20.15 10.52	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.20.15 10.52	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.20.15 10.52	U	1
1,3,5-Trimethylbenzene	108-67-8	**33.5**	0.500	0.0870	ug/L	04.20.15 10.52		1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.20.15 10.52	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.20.15 10.52	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.20.15 10.52	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.20.15 10.52	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.20.15 10.52	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.20.15 10.52	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.20.15 10.52	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.20.15 10.52	U	1
4-Isopropyltoluene	99-87-6	**0.390**	0.500	0.0890	ug/L	04.20.15 10.52	J	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.20.15 10.52	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.20.15 10.52	U	1
Benzene	71-43-2	**94.4**	0.500	0.119	ug/L	04.20.15 10.52		1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.20.15 10.52	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.20.15 10.52	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.20.15 10.52	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.20.15 10.52	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.20.15 10.52	UF	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.20.15 10.52	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.20.15 10.52	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.20.15 10.52	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.20.15 10.52	UF	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.20.15 10.52	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.20.15 10.52	UF	1

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Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW1** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-001 Date Collected: 04.14.15 13.56

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.20.15 10.52	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.20.15 10.52	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.20.15 10.52	UF	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.20.15 10.52	U	1
Ethylbenzene	100-41-4	**1160**	10.0	1.84	ug/L	04.23.15 12.35	D	20
Isopropyl ether	108-20-3	**0.400**	0.500	0.0920	ug/L	04.20.15 10.52	J	1
Isopropylbenzene	98-82-8	**102**	10.0	1.96	ug/L	04.23.15 12.35	D	20
Methyl tert-butyl ether (MTBE)	1634-04-4	**48.9**	0.500	0.169	ug/L	04.20.15 10.52		1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.20.15 10.52	U	1
Naphthalene	91-20-3	**549**	40.0	1.88	ug/L	04.23.15 12.35	DH	20
n-Butylbenzene	104-51-8	**18.6**	2.00	0.0600	ug/L	04.20.15 10.52		1
n-Propylbenzene	103-65-1	**228**	20.0	1.30	ug/L	04.23.15 12.35	D	20
sec-Butylbenzene	135-98-8	**14.5**	0.500	0.0920	ug/L	04.20.15 10.52		1
Styrene	100-42-5	**1.59**	0.500	0.0740	ug/L	04.20.15 10.52		1
tert-Butylbenzene	98-06-6	**0.770**	0.500	0.0890	ug/L	04.20.15 10.52		1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.20.15 10.52	U	1
Toluene	108-88-3	**8.52**	0.500	0.0570	ug/L	04.20.15 10.52		1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.20.15 10.52	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.20.15 10.52	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.20.15 10.52	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.20.15 10.52	UF	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.20.15 10.52	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.20.15 10.52	UF	1
m,p-Xylenes	179601-23-1	**1300**	20.0	3.52	ug/L	04.23.15 12.35	D	20
o-Xylene	95-47-6	**12.7**	0.500	0.122	ug/L	04.20.15 10.52		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	102	%	65-126	04.20.15 10.52	
4-Bromofluorobenzene	460-00-4	106	%	86-111	04.20.15 10.52	
Toluene-D8	2037-26-5	110	%	83-116	04.20.15 10.52	

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW2** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-002 Date Collected: 04.14.15 14.06

Analytical Method: Total Nitrogen
Tech: MAB % Moisture:
Analyst: MAB
Seq Number: 966714 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Total Nitrogen (calculated)	7727-37-9	**4.13**	0.300	0.0740	mg/L	04.24.15 09.32		1

Analytical Method: Inorganic Anions by SW-846 9056A Prep Method: SW9056P
Tech: MWE % Moisture:
Analyst: 4099 Date Prep: 04.16.15 12.40
Seq Number: 966552

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Sulfate	14808-79-8	**4.47**	5.00	0.168	mg/L	04.16.15 14.42	J	1

Analytical Method: Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2 Prep Method: E351.2P
Tech: BFO % Moisture:
Analyst: BFO Date Prep: 04.22.15 11.43
Seq Number: 966709 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Total Kjeldahl	7727-37-9	**0.481**	0.300	0.0501	mg/L	04.24.15 07.56		1

Analytical Method: Nitrogen, Nitrate-Nitrite by EPA 353.2 Prep Method: E353.2P
Tech: BFO % Moisture:
Analyst: BFO Date Prep: 04.20.15 11.40
Seq Number: 966385 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Nitrate-Nitrite	7727-37-9	**3.65**	0.200	0.0436	mg/L	04.20.15 15.57		2

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Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW2** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-002 Date Collected: 04.14.15 14.06

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.20.15 11.19	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.20.15 11.19	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.20.15 11.19	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.20.15 11.19	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.20.15 11.19	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.20.15 11.19	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.20.15 11.19	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.20.15 11.19	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.20.15 11.19	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.20.15 11.19	U	1
1,2,4-Trimethylbenzene	95-63-6	**2.50**	0.500	0.103	ug/L	04.20.15 11.19		1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.20.15 11.19	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.20.15 11.19	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.20.15 11.19	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.20.15 11.19	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.20.15 11.19	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.20.15 11.19	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.20.15 11.19	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.20.15 11.19	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.20.15 11.19	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.20.15 11.19	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.20.15 11.19	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.20.15 11.19	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.20.15 11.19	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.20.15 11.19	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.20.15 11.19	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.20.15 11.19	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.20.15 11.19	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.20.15 11.19	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.20.15 11.19	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.20.15 11.19	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.20.15 11.19	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.20.15 11.19	UF	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.20.15 11.19	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.20.15 11.19	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.20.15 11.19	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.20.15 11.19	UF	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.20.15 11.19	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.20.15 11.19	UF	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW2** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-002 Date Collected: 04.14.15 14.06

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.20.15 11.19	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.20.15 11.19	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.20.15 11.19	UF	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.20.15 11.19	U	1
Ethylbenzene	100-41-4	**1.05**	0.500	0.0920	ug/L	04.20.15 11.19		1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.20.15 11.19	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.20.15 11.19	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	**25.5**	0.500	0.169	ug/L	04.20.15 11.19		1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.20.15 11.19	U	1
Naphthalene	91-20-3	**13.5**	2.00	0.0940	ug/L	04.20.15 11.19	H	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.20.15 11.19	U	1
n-Propylbenzene	103-65-1	**0.400**	1.00	0.0650	ug/L	04.20.15 11.19	J	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.20.15 11.19	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.20.15 11.19	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.20.15 11.19	U	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.20.15 11.19	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.20.15 11.19	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.20.15 11.19	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.20.15 11.19	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.20.15 11.19	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.20.15 11.19	UF	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.20.15 11.19	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.20.15 11.19	UF	1
m,p-Xylenes	179601-23-1	**1.37**	1.00	0.176	ug/L	04.20.15 11.19		1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.20.15 11.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	106	%	65-126	04.20.15 11.19	
4-Bromofluorobenzene	460-00-4	96	%	86-111	04.20.15 11.19	
Toluene-D8	2037-26-5	105	%	83-116	04.20.15 11.19	

Certificate of Analytical Results 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW2D** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-003 Date Collected: 04.14.15 14.48

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.20.15 11.45	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.20.15 11.45	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.20.15 11.45	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.20.15 11.45	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.20.15 11.45	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.20.15 11.45	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.20.15 11.45	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.20.15 11.45	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.20.15 11.45	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.20.15 11.45	U	1
1,2,4-Trimethylbenzene	95-63-6	**0.660**	0.500	0.103	ug/L	04.20.15 11.45		1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.20.15 11.45	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.20.15 11.45	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.20.15 11.45	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.20.15 11.45	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.20.15 11.45	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.20.15 11.45	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.20.15 11.45	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.20.15 11.45	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.20.15 11.45	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.20.15 11.45	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.20.15 11.45	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.20.15 11.45	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.20.15 11.45	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.20.15 11.45	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.20.15 11.45	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.20.15 11.45	U	1
Benzene	71-43-2	**0.970**	0.500	0.119	ug/L	04.20.15 11.45		1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.20.15 11.45	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.20.15 11.45	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.20.15 11.45	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.20.15 11.45	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.20.15 11.45	UF	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.20.15 11.45	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.20.15 11.45	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.20.15 11.45	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.20.15 11.45	UF	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.20.15 11.45	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.20.15 11.45	UF	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW2D** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-003 Date Collected: 04.14.15 14.48

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.20.15 11.45	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.20.15 11.45	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.20.15 11.45	UF	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.20.15 11.45	U	1
Ethylbenzene	100-41-4	**0.220**	0.500	0.0920	ug/L	04.20.15 11.45	J	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.20.15 11.45	U	1
Isopropylbenzene	98-82-8	**0.320**	0.500	0.0980	ug/L	04.20.15 11.45	J	1
Methyl tert-butyl ether (MTBE)	1634-04-4	**24.2**	0.500	0.169	ug/L	04.20.15 11.45		1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.20.15 11.45	U	1
Naphthalene	91-20-3	**2.49**	2.00	0.0940	ug/L	04.20.15 11.45	H	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.20.15 11.45	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.20.15 11.45	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.20.15 11.45	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.20.15 11.45	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.20.15 11.45	U	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.20.15 11.45	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.20.15 11.45	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.20.15 11.45	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.20.15 11.45	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.20.15 11.45	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.20.15 11.45	UF	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.20.15 11.45	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.20.15 11.45	UF	1
m,p-Xylenes	179601-23-1	**0.570**	1.00	0.176	ug/L	04.20.15 11.45	J	1
o-Xylene	95-47-6	**0.310**	0.500	0.122	ug/L	04.20.15 11.45	J	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	104	%	65-126	04.20.15 11.45	
4-Bromofluorobenzene	460-00-4	96	%	86-111	04.20.15 11.45	
Toluene-D8	2037-26-5	106	%	83-116	04.20.15 11.45	

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW3** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-004 Date Collected: 04.14.15 14.22

Analytical Method: Total Nitrogen
Tech: MAB % Moisture:
Analyst: MAB
Seq Number: 966714 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Total Nitrogen (calculated)	7727-37-9	**4.11**	0.300	0.0740	mg/L	04.24.15 09.32		1

Analytical Method: Inorganic Anions by SW-846 9056A Prep Method: SW9056P
Tech: MWE % Moisture:
Analyst: 4099 Date Prep: 04.16.15 12.40
Seq Number: 966552

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Sulfate	14808-79-8	**3.58**	5.00	0.168	mg/L	04.16.15 15.00	J	1

Analytical Method: Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2 Prep Method: E351.2P
Tech: BFO % Moisture:
Analyst: BFO Date Prep: 04.22.15 11.43
Seq Number: 966709 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Total Kjeldahl	7727-37-9	**0.668**	0.300	0.0501	mg/L	04.24.15 07.57		1

Analytical Method: Nitrogen, Nitrate-Nitrite by EPA 353.2 Prep Method: E353.2P
Tech: BFO % Moisture:
Analyst: BFO Date Prep: 04.20.15 11.40
Seq Number: 966385 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Nitrate-Nitrite	7727-37-9	**3.44**	0.200	0.0436	mg/L	04.20.15 15.59		2

Certificate of Analytical Results 506119

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Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW3** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-004 Date Collected: 04.14.15 14.22

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.20.15 14.27	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.20.15 14.27	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.20.15 14.27	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.20.15 14.27	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.20.15 14.27	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.20.15 14.27	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.20.15 14.27	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.20.15 14.27	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.20.15 14.27	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.20.15 14.27	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.20.15 14.27	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.20.15 14.27	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.20.15 14.27	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.20.15 14.27	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.20.15 14.27	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.20.15 14.27	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.20.15 14.27	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.20.15 14.27	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.20.15 14.27	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.20.15 14.27	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.20.15 14.27	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.20.15 14.27	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.20.15 14.27	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.20.15 14.27	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.20.15 14.27	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.20.15 14.27	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.20.15 14.27	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.20.15 14.27	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.20.15 14.27	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.20.15 14.27	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.20.15 14.27	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.20.15 14.27	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.20.15 14.27	UF	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.20.15 14.27	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.20.15 14.27	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.20.15 14.27	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.20.15 14.27	UF	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.20.15 14.27	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.20.15 14.27	UF	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW3** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-004 Date Collected: 04.14.15 14.22

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.20.15 14.27	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.20.15 14.27	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.20.15 14.27	UF	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.20.15 14.27	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.20.15 14.27	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.20.15 14.27	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.20.15 14.27	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.20.15 14.27	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.20.15 14.27	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.20.15 14.27	UH	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.20.15 14.27	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.20.15 14.27	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.20.15 14.27	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.20.15 14.27	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.20.15 14.27	U	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.20.15 14.27	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.20.15 14.27	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.20.15 14.27	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.20.15 14.27	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.20.15 14.27	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.20.15 14.27	UF	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.20.15 14.27	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.20.15 14.27	UF	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.20.15 14.27	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.20.15 14.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	104	%	65-126	04.20.15 14.27	
4-Bromofluorobenzene	460-00-4	101	%	86-111	04.20.15 14.27	
Toluene-D8	2037-26-5	102	%	83-116	04.20.15 14.27	

Certificate of Analytical Results 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW4** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-005 Date Collected: 04.14.15 14.55

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.20.15 12.12	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.20.15 12.12	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.20.15 12.12	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.20.15 12.12	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.20.15 12.12	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.20.15 12.12	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.20.15 12.12	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.20.15 12.12	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.20.15 12.12	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.20.15 12.12	U	1
1,2,4-Trimethylbenzene	95-63-6	**87.7**	5.00	1.03	ug/L	04.20.15 14.56	D	10
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.20.15 12.12	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.20.15 12.12	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.20.15 12.12	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.20.15 12.12	U	1
1,3,5-Trimethylbenzene	108-67-8	**68.8**	0.500	0.0870	ug/L	04.20.15 12.12		1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.20.15 12.12	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.20.15 12.12	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.20.15 12.12	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.20.15 12.12	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.20.15 12.12	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.20.15 12.12	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.20.15 12.12	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.20.15 12.12	U	1
4-Isopropyltoluene	99-87-6	**1.64**	0.500	0.0890	ug/L	04.20.15 12.12		1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.20.15 12.12	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.20.15 12.12	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.20.15 12.12	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.20.15 12.12	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.20.15 12.12	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.20.15 12.12	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.20.15 12.12	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.20.15 12.12	UF	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.20.15 12.12	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.20.15 12.12	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.20.15 12.12	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.20.15 12.12	UF	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.20.15 12.12	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.20.15 12.12	UF	1

Certificate of Analytical Results 506119

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Paul's Cash Grocery and Service

Sample Id: **MW4** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-005 Date Collected: 04.14.15 14.55

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.20.15 12.12	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.20.15 12.12	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.20.15 12.12	UF	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.20.15 12.12	U	1
Ethylbenzene	100-41-4	**3.49**	0.500	0.0920	ug/L	04.20.15 12.12		1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.20.15 12.12	U	1
Isopropylbenzene	98-82-8	**6.52**	0.500	0.0980	ug/L	04.20.15 12.12		1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.20.15 12.12	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.20.15 12.12	U	1
Naphthalene	91-20-3	**9.69**	2.00	0.0940	ug/L	04.20.15 12.12	H	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.20.15 12.12	U	1
n-Propylbenzene	103-65-1	**5.72**	1.00	0.0650	ug/L	04.20.15 12.12		1
sec-Butylbenzene	135-98-8	**7.71**	0.500	0.0920	ug/L	04.20.15 12.12		1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.20.15 12.12	U	1
tert-Butylbenzene	98-06-6	**1.97**	0.500	0.0890	ug/L	04.20.15 12.12		1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.20.15 12.12	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.20.15 12.12	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.20.15 12.12	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.20.15 12.12	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.20.15 12.12	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.20.15 12.12	UF	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.20.15 12.12	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.20.15 12.12	UF	1
m,p-Xylenes	179601-23-1	**28.5**	1.00	0.176	ug/L	04.20.15 12.12		1
o-Xylene	95-47-6	**26.5**	0.500	0.122	ug/L	04.20.15 12.12		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	105	%	65-126	04.20.15 12.12	
4-Bromofluorobenzene	460-00-4	104	%	86-111	04.20.15 12.12	
Toluene-D8	2037-26-5	102	%	83-116	04.20.15 12.12	

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW5** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-006 Date Collected: 04.14.15 14.16

Analytical Method: Total Nitrogen
Tech: MAB % Moisture:
Analyst: MAB
Seq Number: 966714 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Total Nitrogen (calculated)	7727-37-9	**2.13**	0.300	0.0740	mg/L	04.24.15 09.32		1

Analytical Method: Inorganic Anions by SW-846 9056A Prep Method: SW9056P
Tech: MWE % Moisture:
Analyst: 4099 Date Prep: 04.16.15 12.40
Seq Number: 966552

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Sulfate	14808-79-8	**4.04**	5.00	0.168	mg/L	04.16.15 15.17	J	1

Analytical Method: Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2 Prep Method: E351.2P
Tech: BFO % Moisture:
Analyst: BFO Date Prep: 04.22.15 11.43
Seq Number: 966709 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Total Kjeldahl	7727-37-9	**1.17**	0.300	0.0501	mg/L	04.24.15 08.01		1

Analytical Method: Nitrogen, Nitrate-Nitrite by EPA 353.2 Prep Method: E353.2P
Tech: BFO % Moisture:
Analyst: BFO Date Prep: 04.20.15 11.40
Seq Number: 966385 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Nitrate-Nitrite	7727-37-9	**0.963**	0.100	0.0218	mg/L	04.20.15 15.53		1

Certificate of Analytical Results 506119

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Paul's Cash Grocery and Service

Sample Id: **MW5** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-006 Date Collected: 04.14.15 14.16

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.20.15 12.38	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.20.15 12.38	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.20.15 12.38	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.20.15 12.38	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.20.15 12.38	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.20.15 12.38	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.20.15 12.38	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.20.15 12.38	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.20.15 12.38	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.20.15 12.38	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.20.15 12.38	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.20.15 12.38	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.20.15 12.38	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.20.15 12.38	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.20.15 12.38	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.20.15 12.38	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.20.15 12.38	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.20.15 12.38	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.20.15 12.38	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.20.15 12.38	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.20.15 12.38	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.20.15 12.38	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.20.15 12.38	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.20.15 12.38	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.20.15 12.38	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.20.15 12.38	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.20.15 12.38	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.20.15 12.38	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.20.15 12.38	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.20.15 12.38	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.20.15 12.38	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.20.15 12.38	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.20.15 12.38	UF	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.20.15 12.38	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.20.15 12.38	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.20.15 12.38	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.20.15 12.38	UF	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.20.15 12.38	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.20.15 12.38	UF	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW5** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-006 Date Collected: 04.14.15 14.16

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.20.15 12.38	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.20.15 12.38	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.20.15 12.38	UF	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.20.15 12.38	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.20.15 12.38	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.20.15 12.38	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.20.15 12.38	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.20.15 12.38	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.20.15 12.38	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.20.15 12.38	UH	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.20.15 12.38	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.20.15 12.38	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.20.15 12.38	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.20.15 12.38	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.20.15 12.38	U	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.20.15 12.38	U	1
Toluene	108-88-3	**0.870**	0.500	0.0570	ug/L	04.20.15 12.38		1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.20.15 12.38	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.20.15 12.38	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.20.15 12.38	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.20.15 12.38	UF	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.20.15 12.38	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.20.15 12.38	UF	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.20.15 12.38	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.20.15 12.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	102	%	65-126	04.20.15 12.38	
4-Bromofluorobenzene	460-00-4	102	%	86-111	04.20.15 12.38	
Toluene-D8	2037-26-5	102	%	83-116	04.20.15 12.38	

Certificate of Analytical Results 506119

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Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW6** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-007 Date Collected: 04.14.15 14.34

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.19.15 19.59	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.19.15 19.59	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.19.15 19.59	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.19.15 19.59	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.19.15 19.59	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.19.15 19.59	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.19.15 19.59	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.19.15 19.59	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.19.15 19.59	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.19.15 19.59	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.19.15 19.59	UH	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.19.15 19.59	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.19.15 19.59	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.19.15 19.59	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.19.15 19.59	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.19.15 19.59	UH	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.19.15 19.59	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.19.15 19.59	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.19.15 19.59	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.19.15 19.59	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.19.15 19.59	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.19.15 19.59	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.19.15 19.59	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.19.15 19.59	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.19.15 19.59	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.19.15 19.59	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.19.15 19.59	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.19.15 19.59	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.19.15 19.59	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.19.15 19.59	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.19.15 19.59	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.19.15 19.59	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.19.15 19.59	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.19.15 19.59	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.19.15 19.59	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.19.15 19.59	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.19.15 19.59	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.19.15 19.59	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.19.15 19.59	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW6** Matrix: Ground Water Date Received:04.16.15 09.40

Lab Sample Id: 506119-007 Date Collected: 04.14.15 14.34

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Tech: ZHO % Moisture:

Analyst: ZHO Date Prep: 04.19.15 15.36

Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.19.15 19.59	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.19.15 19.59	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.19.15 19.59	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.19.15 19.59	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.19.15 19.59	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.19.15 19.59	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.19.15 19.59	UH	1
Methyl tert-butyl ether (MTBE)	1634-04-4	**17.8**	0.500	0.169	ug/L	04.19.15 19.59		1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.19.15 19.59	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.19.15 19.59	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.19.15 19.59	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.19.15 19.59	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.19.15 19.59	UH	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.19.15 19.59	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.19.15 19.59	UH	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.19.15 19.59	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.19.15 19.59	UL	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.19.15 19.59	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.19.15 19.59	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.19.15 19.59	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.19.15 19.59	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.19.15 19.59	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.19.15 19.59	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.19.15 19.59	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.19.15 19.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	122	%	65-126	04.19.15 19.59	
4-Bromofluorobenzene	460-00-4	112	%	86-111	04.19.15 19.59	**
Toluene-D8	2037-26-5	110	%	83-116	04.19.15 19.59	

Certificate of Analytical Results 506119

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Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW6D** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-008 Date Collected: 04.14.15 14.32

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.19.15 20.25	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.19.15 20.25	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.19.15 20.25	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.19.15 20.25	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.19.15 20.25	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.19.15 20.25	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.19.15 20.25	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.19.15 20.25	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.19.15 20.25	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.19.15 20.25	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.19.15 20.25	UH	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.19.15 20.25	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.19.15 20.25	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.19.15 20.25	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.19.15 20.25	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.19.15 20.25	UH	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.19.15 20.25	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.19.15 20.25	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.19.15 20.25	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.19.15 20.25	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.19.15 20.25	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.19.15 20.25	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.19.15 20.25	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.19.15 20.25	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.19.15 20.25	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.19.15 20.25	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.19.15 20.25	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.19.15 20.25	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.19.15 20.25	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.19.15 20.25	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.19.15 20.25	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.19.15 20.25	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.19.15 20.25	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.19.15 20.25	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.19.15 20.25	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.19.15 20.25	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.19.15 20.25	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.19.15 20.25	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.19.15 20.25	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW6D** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-008 Date Collected: 04.14.15 14.32

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.19.15 20.25	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.19.15 20.25	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.19.15 20.25	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.19.15 20.25	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.19.15 20.25	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.19.15 20.25	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.19.15 20.25	UH	1
Methyl tert-butyl ether (MTBE)	1634-04-4	**4.66**	0.500	0.169	ug/L	04.19.15 20.25		1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.19.15 20.25	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.19.15 20.25	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.19.15 20.25	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.19.15 20.25	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.19.15 20.25	UH	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.19.15 20.25	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.19.15 20.25	UH	1
Tetrachloroethene (PCE)	127-18-4	**0.610**	0.500	0.0540	ug/L	04.19.15 20.25		1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.19.15 20.25	UL	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.19.15 20.25	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.19.15 20.25	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.19.15 20.25	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.19.15 20.25	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.19.15 20.25	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.19.15 20.25	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.19.15 20.25	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.19.15 20.25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	123	%	65-126	04.19.15 20.25	
4-Bromofluorobenzene	460-00-4	111	%	86-111	04.19.15 20.25	
Toluene-D8	2037-26-5	110	%	83-116	04.19.15 20.25	

Certificate of Analytical Results 506119

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Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW7** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-009 Date Collected: 04.14.15 13.50

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.19.15 20.51	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.19.15 20.51	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.19.15 20.51	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.19.15 20.51	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.19.15 20.51	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.19.15 20.51	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.19.15 20.51	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.19.15 20.51	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.19.15 20.51	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.19.15 20.51	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.19.15 20.51	UH	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.19.15 20.51	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.19.15 20.51	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.19.15 20.51	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.19.15 20.51	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.19.15 20.51	UH	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.19.15 20.51	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.19.15 20.51	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.19.15 20.51	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.19.15 20.51	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.19.15 20.51	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.19.15 20.51	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.19.15 20.51	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.19.15 20.51	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.19.15 20.51	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.19.15 20.51	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.19.15 20.51	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.19.15 20.51	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.19.15 20.51	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.19.15 20.51	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.19.15 20.51	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.19.15 20.51	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.19.15 20.51	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.19.15 20.51	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.19.15 20.51	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.19.15 20.51	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.19.15 20.51	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.19.15 20.51	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.19.15 20.51	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW7** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-009 Date Collected: 04.14.15 13.50

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.19.15 20.51	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.19.15 20.51	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.19.15 20.51	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.19.15 20.51	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.19.15 20.51	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.19.15 20.51	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.19.15 20.51	UH	1
Methyl tert-butyl ether (MTBE)	1634-04-4	**3.39**	0.500	0.169	ug/L	04.19.15 20.51		1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.19.15 20.51	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.19.15 20.51	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.19.15 20.51	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.19.15 20.51	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.19.15 20.51	UH	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.19.15 20.51	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.19.15 20.51	UH	1
Tetrachloroethene (PCE)	127-18-4	**4.69**	0.500	0.0540	ug/L	04.19.15 20.51		1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.19.15 20.51	UL	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.19.15 20.51	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.19.15 20.51	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.19.15 20.51	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.19.15 20.51	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.19.15 20.51	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.19.15 20.51	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.19.15 20.51	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.19.15 20.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	124	%	65-126	04.19.15 20.51	
4-Bromofluorobenzene	460-00-4	110	%	86-111	04.19.15 20.51	
Toluene-D8	2037-26-5	110	%	83-116	04.19.15 20.51	

Certificate of Analytical Results 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW8** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-010 Date Collected: 04.14.15 14.43

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.19.15 21.16	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.19.15 21.16	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.19.15 21.16	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.19.15 21.16	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.19.15 21.16	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.19.15 21.16	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.19.15 21.16	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.19.15 21.16	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.19.15 21.16	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.19.15 21.16	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.19.15 21.16	UH	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.19.15 21.16	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.19.15 21.16	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.19.15 21.16	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.19.15 21.16	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.19.15 21.16	UH	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.19.15 21.16	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.19.15 21.16	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.19.15 21.16	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.19.15 21.16	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.19.15 21.16	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.19.15 21.16	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.19.15 21.16	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.19.15 21.16	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.19.15 21.16	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.19.15 21.16	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.19.15 21.16	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.19.15 21.16	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.19.15 21.16	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.19.15 21.16	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.19.15 21.16	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.19.15 21.16	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.19.15 21.16	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.19.15 21.16	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.19.15 21.16	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.19.15 21.16	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.19.15 21.16	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.19.15 21.16	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.19.15 21.16	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW8** Matrix: Ground Water Date Received:04.16.15 09.40

Lab Sample Id: 506119-010 Date Collected: 04.14.15 14.43

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Tech: ZHO % Moisture:

Analyst: ZHO Date Prep: 04.19.15 15.36

Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.19.15 21.16	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.19.15 21.16	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.19.15 21.16	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.19.15 21.16	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.19.15 21.16	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.19.15 21.16	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.19.15 21.16	UH	1
Methyl tert-butyl ether (MTBE)	1634-04-4	**1.81**	0.500	0.169	ug/L	04.19.15 21.16		1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.19.15 21.16	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.19.15 21.16	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.19.15 21.16	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.19.15 21.16	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.19.15 21.16	UH	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.19.15 21.16	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.19.15 21.16	UH	1
Tetrachloroethene (PCE)	127-18-4	**147**	2.50	0.270	ug/L	04.20.15 15.25	D	5
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.19.15 21.16	UL	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.19.15 21.16	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.19.15 21.16	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.19.15 21.16	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.19.15 21.16	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.19.15 21.16	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.19.15 21.16	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.19.15 21.16	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.19.15 21.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	125	%	65-126	04.19.15 21.16	
4-Bromofluorobenzene	460-00-4	111	%	86-111	04.19.15 21.16	
Toluene-D8	2037-26-5	108	%	83-116	04.19.15 21.16	

Certificate of Analytical Results 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW9** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-011 Date Collected: 04.14.15 14.50

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.19.15 21.42	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.19.15 21.42	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.19.15 21.42	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.19.15 21.42	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.19.15 21.42	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.19.15 21.42	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.19.15 21.42	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.19.15 21.42	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.19.15 21.42	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.19.15 21.42	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.19.15 21.42	UH	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.19.15 21.42	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.19.15 21.42	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.19.15 21.42	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.19.15 21.42	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.19.15 21.42	UH	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.19.15 21.42	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.19.15 21.42	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.19.15 21.42	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.19.15 21.42	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.19.15 21.42	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.19.15 21.42	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.19.15 21.42	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.19.15 21.42	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.19.15 21.42	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.19.15 21.42	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.19.15 21.42	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.19.15 21.42	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.19.15 21.42	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.19.15 21.42	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.19.15 21.42	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.19.15 21.42	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.19.15 21.42	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.19.15 21.42	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.19.15 21.42	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.19.15 21.42	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.19.15 21.42	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.19.15 21.42	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.19.15 21.42	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW9** Matrix: Ground Water Date Received:04.16.15 09.40

Lab Sample Id: 506119-011 Date Collected: 04.14.15 14.50

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Tech: ZHO % Moisture:

Analyst: ZHO Date Prep: 04.19.15 15.36

Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.19.15 21.42	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.19.15 21.42	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.19.15 21.42	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.19.15 21.42	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.19.15 21.42	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.19.15 21.42	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.19.15 21.42	UH	1
Methyl tert-butyl ether (MTBE)	1634-04-4	**0.320**	0.500	0.169	ug/L	04.19.15 21.42	J	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.19.15 21.42	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.19.15 21.42	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.19.15 21.42	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.19.15 21.42	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.19.15 21.42	UH	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.19.15 21.42	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.19.15 21.42	UH	1
Tetrachloroethene (PCE)	127-18-4	**7.35**	0.500	0.0540	ug/L	04.19.15 21.42		1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.19.15 21.42	UL	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.19.15 21.42	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.19.15 21.42	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.19.15 21.42	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.19.15 21.42	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.19.15 21.42	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.19.15 21.42	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.19.15 21.42	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.19.15 21.42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	126	%	65-126	04.19.15 21.42	
4-Bromofluorobenzene	460-00-4	110	%	86-111	04.19.15 21.42	
Toluene-D8	2037-26-5	110	%	83-116	04.19.15 21.42	

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW10** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-012 Date Collected: 04.14.15 14.11

Analytical Method: Total Nitrogen
Tech: MAB % Moisture:
Analyst: MAB
Seq Number: 966714 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Total Nitrogen (calculated)	7727-37-9	**2.50**	0.300	0.0740	mg/L	04.24.15 09.32		1

Analytical Method: Inorganic Anions by SW-846 9056A Prep Method: SW9056P
Tech: MWE % Moisture:
Analyst: 4099 Date Prep: 04.16.15 12.40
Seq Number: 966552

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Sulfate	14808-79-8	**3.83**	5.00	0.168	mg/L	04.16.15 15.35	J	1

Analytical Method: Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2 Prep Method: E351.2P
Tech: BFO % Moisture:
Analyst: BFO Date Prep: 04.22.15 11.43
Seq Number: 966709 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Total Kjeldahl	7727-37-9	**0.565**	0.300	0.0501	mg/L	04.24.15 08.02		1

Analytical Method: Nitrogen, Nitrate-Nitrite by EPA 353.2 Prep Method: E353.2P
Tech: BFO % Moisture:
Analyst: BFO Date Prep: 04.20.15 11.40
Seq Number: 966385 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Nitrate-Nitrite	7727-37-9	**1.93**	0.100	0.0218	mg/L	04.20.15 15.54		1

Certificate of Analytical Results 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW10** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-012 Date Collected: 04.14.15 14.11

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.19.15 22.08	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.19.15 22.08	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.19.15 22.08	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.19.15 22.08	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.19.15 22.08	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.19.15 22.08	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.19.15 22.08	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.19.15 22.08	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.19.15 22.08	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.19.15 22.08	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.19.15 22.08	UH	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.19.15 22.08	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.19.15 22.08	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.19.15 22.08	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.19.15 22.08	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.19.15 22.08	UH	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.19.15 22.08	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.19.15 22.08	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.19.15 22.08	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.19.15 22.08	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.19.15 22.08	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.19.15 22.08	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.19.15 22.08	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.19.15 22.08	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.19.15 22.08	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.19.15 22.08	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.19.15 22.08	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.19.15 22.08	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.19.15 22.08	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.19.15 22.08	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.19.15 22.08	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.19.15 22.08	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.19.15 22.08	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.19.15 22.08	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.19.15 22.08	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.19.15 22.08	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.19.15 22.08	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.19.15 22.08	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.19.15 22.08	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW10** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-012 Date Collected: 04.14.15 14.11

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.19.15 22.08	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.19.15 22.08	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.19.15 22.08	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.19.15 22.08	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.19.15 22.08	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.19.15 22.08	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.19.15 22.08	UH	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.19.15 22.08	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.19.15 22.08	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.19.15 22.08	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.19.15 22.08	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.19.15 22.08	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.19.15 22.08	UH	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.19.15 22.08	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.19.15 22.08	UH	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.19.15 22.08	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.19.15 22.08	UL	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.19.15 22.08	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.19.15 22.08	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.19.15 22.08	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.19.15 22.08	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.19.15 22.08	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.19.15 22.08	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.19.15 22.08	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.19.15 22.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	128	%	65-126	04.19.15 22.08	**
4-Bromofluorobenzene	460-00-4	110	%	86-111	04.19.15 22.08	
Toluene-D8	2037-26-5	112	%	83-116	04.19.15 22.08	

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW11** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-013 Date Collected: 04.14.15 14.29

Analytical Method: Total Nitrogen
Tech: MAB % Moisture:
Analyst: MAB
Seq Number: 966714 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Total Nitrogen (calculated)	7727-37-9	**3.32**	0.300	0.0740	mg/L	04.24.15 09.32		1

Analytical Method: Inorganic Anions by SW-846 9056A Prep Method: SW9056P
Tech: MWE % Moisture:
Analyst: 4099 Date Prep: 04.16.15 12.40
Seq Number: 966552

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Sulfate	14808-79-8	U	5.00	0.168	mg/L	04.16.15 15.52	U	1

Analytical Method: Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2 Prep Method: E351.2P
Tech: BFO % Moisture:
Analyst: BFO Date Prep: 04.22.15 11.43
Seq Number: 966709 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Total Kjeldahl	7727-37-9	**0.0830**	0.300	0.0501	mg/L	04.24.15 08.03	J	1

Analytical Method: Nitrogen, Nitrate-Nitrite by EPA 353.2 Prep Method: E353.2P
Tech: BFO % Moisture:
Analyst: BFO Date Prep: 04.20.15 11.40
Seq Number: 966385 SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Nitrate-Nitrite	7727-37-9	**3.24**	0.200	0.0436	mg/L	04.20.15 16.00		2

Certificate of Analytical Results 506119

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Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW11** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-013 Date Collected: 04.14.15 14.29

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.19.15 22.34	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.19.15 22.34	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.19.15 22.34	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.19.15 22.34	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.19.15 22.34	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.19.15 22.34	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.19.15 22.34	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.19.15 22.34	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.19.15 22.34	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.19.15 22.34	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.19.15 22.34	UH	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.19.15 22.34	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.19.15 22.34	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.19.15 22.34	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.19.15 22.34	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.19.15 22.34	UH	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.19.15 22.34	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.19.15 22.34	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.19.15 22.34	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.19.15 22.34	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.19.15 22.34	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.19.15 22.34	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.19.15 22.34	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.19.15 22.34	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.19.15 22.34	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.19.15 22.34	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.19.15 22.34	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.19.15 22.34	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.19.15 22.34	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.19.15 22.34	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.19.15 22.34	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.19.15 22.34	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.19.15 22.34	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.19.15 22.34	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.19.15 22.34	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.19.15 22.34	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.19.15 22.34	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.19.15 22.34	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.19.15 22.34	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW11** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-013 Date Collected: 04.14.15 14.29

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.19.15 22.34	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.19.15 22.34	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.19.15 22.34	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.19.15 22.34	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.19.15 22.34	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.19.15 22.34	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.19.15 22.34	UH	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.19.15 22.34	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.19.15 22.34	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.19.15 22.34	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.19.15 22.34	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.19.15 22.34	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.19.15 22.34	UH	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.19.15 22.34	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.19.15 22.34	UH	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.19.15 22.34	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.19.15 22.34	UL	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.19.15 22.34	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.19.15 22.34	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.19.15 22.34	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.19.15 22.34	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.19.15 22.34	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.19.15 22.34	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.19.15 22.34	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.19.15 22.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	130	%	65-126	04.19.15 22.34	**
4-Bromofluorobenzene	460-00-4	112	%	86-111	04.19.15 22.34	**
Toluene-D8	2037-26-5	110	%	83-116	04.19.15 22.34	

Certificate of Analytical Results 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW13** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-014 Date Collected: 04.14.15 13.37

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: MWE % Moisture:
Analyst: ZHO Date Prep: 04.23.15 07.16
Seq Number: 966664

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.23.15 11.37	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.23.15 11.37	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.23.15 11.37	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.23.15 11.37	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.23.15 11.37	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.23.15 11.37	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.23.15 11.37	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.23.15 11.37	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.23.15 11.37	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.23.15 11.37	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.23.15 11.37	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.23.15 11.37	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.23.15 11.37	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.23.15 11.37	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.23.15 11.37	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.23.15 11.37	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.23.15 11.37	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.23.15 11.37	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.23.15 11.37	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.23.15 11.37	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.23.15 11.37	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.23.15 11.37	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.23.15 11.37	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.23.15 11.37	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.23.15 11.37	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.23.15 11.37	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.23.15 11.37	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.23.15 11.37	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.23.15 11.37	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.23.15 11.37	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.23.15 11.37	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.23.15 11.37	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.23.15 11.37	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.23.15 11.37	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.23.15 11.37	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.23.15 11.37	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.23.15 11.37	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.23.15 11.37	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.23.15 11.37	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW13** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-014 Date Collected: 04.14.15 13.37

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: MWE % Moisture:
Analyst: ZHO Date Prep: 04.23.15 07.16
Seq Number: 966664

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	**1.21**	0.500	0.114	ug/L	04.23.15 11.37		1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.23.15 11.37	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.23.15 11.37	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.23.15 11.37	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.23.15 11.37	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.23.15 11.37	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.23.15 11.37	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	**1.41**	0.500	0.169	ug/L	04.23.15 11.37		1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.23.15 11.37	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.23.15 11.37	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.23.15 11.37	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.23.15 11.37	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.23.15 11.37	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.23.15 11.37	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.23.15 11.37	U	1
Tetrachloroethene (PCE)	127-18-4	**404**	5.00	0.540	ug/L	04.23.15 12.06	D	10
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.23.15 11.37	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.23.15 11.37	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.23.15 11.37	U	1
Trichloroethene	79-01-6	**1.70**	0.500	0.139	ug/L	04.23.15 11.37		1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.23.15 11.37	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.23.15 11.37	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.23.15 11.37	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.23.15 11.37	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.23.15 11.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	100	%	65-126	04.23.15 11.37	
4-Bromofluorobenzene	460-00-4	98	%	86-111	04.23.15 11.37	
Toluene-D8	2037-26-5	102	%	83-116	04.23.15 11.37	

Certificate of Analytical Results 506119

XENCO Laboratories
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Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW13D** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-015 Date Collected: 04.14.15 13.35

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.20.15 13.05	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.20.15 13.05	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.20.15 13.05	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.20.15 13.05	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.20.15 13.05	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.20.15 13.05	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.20.15 13.05	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.20.15 13.05	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.20.15 13.05	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.20.15 13.05	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.20.15 13.05	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.20.15 13.05	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.20.15 13.05	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.20.15 13.05	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.20.15 13.05	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.20.15 13.05	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.20.15 13.05	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.20.15 13.05	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.20.15 13.05	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.20.15 13.05	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.20.15 13.05	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.20.15 13.05	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.20.15 13.05	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.20.15 13.05	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.20.15 13.05	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.20.15 13.05	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.20.15 13.05	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.20.15 13.05	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.20.15 13.05	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.20.15 13.05	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.20.15 13.05	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.20.15 13.05	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.20.15 13.05	UF	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.20.15 13.05	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.20.15 13.05	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.20.15 13.05	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.20.15 13.05	UF	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.20.15 13.05	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.20.15 13.05	UF	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW13D** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-015 Date Collected: 04.14.15 13.35

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.20.15 13.05	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.20.15 13.05	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.20.15 13.05	UF	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.20.15 13.05	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.20.15 13.05	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.20.15 13.05	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.20.15 13.05	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.20.15 13.05	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.20.15 13.05	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.20.15 13.05	UH	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.20.15 13.05	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.20.15 13.05	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.20.15 13.05	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.20.15 13.05	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.20.15 13.05	U	1
Tetrachloroethene (PCE)	127-18-4	**8.51**	0.500	0.0540	ug/L	04.20.15 13.05		1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.20.15 13.05	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.20.15 13.05	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.20.15 13.05	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.20.15 13.05	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.20.15 13.05	UF	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.20.15 13.05	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.20.15 13.05	UF	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.20.15 13.05	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.20.15 13.05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	108	%	65-126	04.20.15 13.05	
4-Bromofluorobenzene	460-00-4	97	%	86-111	04.20.15 13.05	
Toluene-D8	2037-26-5	102	%	83-116	04.20.15 13.05	

Certificate of Analytical Results 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW14** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-016 Date Collected: 04.14.15 13.39

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.20.15 13.34	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.20.15 13.34	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.20.15 13.34	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.20.15 13.34	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.20.15 13.34	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.20.15 13.34	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.20.15 13.34	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.20.15 13.34	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.20.15 13.34	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.20.15 13.34	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.20.15 13.34	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.20.15 13.34	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.20.15 13.34	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.20.15 13.34	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.20.15 13.34	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.20.15 13.34	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.20.15 13.34	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.20.15 13.34	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.20.15 13.34	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.20.15 13.34	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.20.15 13.34	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.20.15 13.34	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.20.15 13.34	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.20.15 13.34	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.20.15 13.34	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.20.15 13.34	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.20.15 13.34	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.20.15 13.34	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.20.15 13.34	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.20.15 13.34	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.20.15 13.34	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.20.15 13.34	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.20.15 13.34	UF	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.20.15 13.34	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.20.15 13.34	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.20.15 13.34	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.20.15 13.34	UF	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.20.15 13.34	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.20.15 13.34	UF	1

Certificate of Analytical Results 506119

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Paul's Cash Grocery and Service

Sample Id: **MW14** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-016 Date Collected: 04.14.15 13.39

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.20.15 13.34	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.20.15 13.34	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.20.15 13.34	UF	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.20.15 13.34	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.20.15 13.34	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.20.15 13.34	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.20.15 13.34	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.20.15 13.34	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.20.15 13.34	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.20.15 13.34	UH	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.20.15 13.34	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.20.15 13.34	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.20.15 13.34	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.20.15 13.34	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.20.15 13.34	U	1
Tetrachloroethene (PCE)	127-18-4	**0.870**	0.500	0.0540	ug/L	04.20.15 13.34		1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.20.15 13.34	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.20.15 13.34	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.20.15 13.34	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.20.15 13.34	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.20.15 13.34	UF	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.20.15 13.34	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.20.15 13.34	UF	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.20.15 13.34	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.20.15 13.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	103	%	65-126	04.20.15 13.34	
4-Bromofluorobenzene	460-00-4	100	%	86-111	04.20.15 13.34	
Toluene-D8	2037-26-5	102	%	83-116	04.20.15 13.34	

Certificate of Analytical Results 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW15D** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-017 Date Collected: 04.14.15 14.39

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: MWE % Moisture:
Analyst: ZHO Date Prep: 04.23.15 07.16
Seq Number: 966664

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.23.15 10.44	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.23.15 10.44	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.23.15 10.44	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.23.15 10.44	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.23.15 10.44	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.23.15 10.44	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.23.15 10.44	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.23.15 10.44	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.23.15 10.44	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.23.15 10.44	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.23.15 10.44	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.23.15 10.44	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.23.15 10.44	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.23.15 10.44	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.23.15 10.44	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.23.15 10.44	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.23.15 10.44	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.23.15 10.44	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.23.15 10.44	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.23.15 10.44	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.23.15 10.44	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.23.15 10.44	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.23.15 10.44	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.23.15 10.44	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.23.15 10.44	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.23.15 10.44	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.23.15 10.44	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.23.15 10.44	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.23.15 10.44	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.23.15 10.44	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.23.15 10.44	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.23.15 10.44	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.23.15 10.44	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.23.15 10.44	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.23.15 10.44	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.23.15 10.44	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.23.15 10.44	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.23.15 10.44	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.23.15 10.44	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW15D** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-017 Date Collected: 04.14.15 14.39

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: MWE % Moisture:
Analyst: ZHO Date Prep: 04.23.15 07.16
Seq Number: 966664

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.23.15 10.44	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.23.15 10.44	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.23.15 10.44	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.23.15 10.44	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.23.15 10.44	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.23.15 10.44	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.23.15 10.44	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	**4.93**	0.500	0.169	ug/L	04.23.15 10.44		1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.23.15 10.44	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.23.15 10.44	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.23.15 10.44	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.23.15 10.44	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.23.15 10.44	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.23.15 10.44	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.23.15 10.44	U	1
Tetrachloroethene (PCE)	127-18-4	**4.83**	0.500	0.0540	ug/L	04.23.15 10.44		1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.23.15 10.44	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.23.15 10.44	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.23.15 10.44	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.23.15 10.44	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.23.15 10.44	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.23.15 10.44	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.23.15 10.44	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.23.15 10.44	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.23.15 10.44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	103	%	65-126	04.23.15 10.44	
4-Bromofluorobenzene	460-00-4	96	%	86-111	04.23.15 10.44	
Toluene-D8	2037-26-5	99	%	83-116	04.23.15 10.44	

Certificate of Analytical Results 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW16** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-018 Date Collected: 04.14.15 14.46

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.20.15 00.18	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.20.15 00.18	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.20.15 00.18	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.20.15 00.18	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.20.15 00.18	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.20.15 00.18	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.20.15 00.18	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.20.15 00.18	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.20.15 00.18	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.20.15 00.18	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.20.15 00.18	UH	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.20.15 00.18	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.20.15 00.18	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.20.15 00.18	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.20.15 00.18	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.20.15 00.18	UH	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.20.15 00.18	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.20.15 00.18	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.20.15 00.18	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.20.15 00.18	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.20.15 00.18	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.20.15 00.18	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.20.15 00.18	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.20.15 00.18	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.20.15 00.18	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.20.15 00.18	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.20.15 00.18	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.20.15 00.18	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.20.15 00.18	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.20.15 00.18	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.20.15 00.18	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.20.15 00.18	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.20.15 00.18	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.20.15 00.18	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.20.15 00.18	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.20.15 00.18	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.20.15 00.18	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.20.15 00.18	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.20.15 00.18	U	1

Certificate of Analytical Results 506119

Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW16** Matrix: Ground Water Date Received:04.16.15 09.40

Lab Sample Id: 506119-018 Date Collected: 04.14.15 14.46

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Tech: ZHO % Moisture:

Analyst: ZHO Date Prep: 04.19.15 15.36

Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.20.15 00.18	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.20.15 00.18	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.20.15 00.18	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.20.15 00.18	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.20.15 00.18	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.20.15 00.18	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.20.15 00.18	UH	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.20.15 00.18	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.20.15 00.18	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.20.15 00.18	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.20.15 00.18	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.20.15 00.18	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.20.15 00.18	UH	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.20.15 00.18	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.20.15 00.18	UH	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.20.15 00.18	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.20.15 00.18	UL	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.20.15 00.18	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.20.15 00.18	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.20.15 00.18	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.20.15 00.18	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.20.15 00.18	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.20.15 00.18	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.20.15 00.18	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.20.15 00.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	130	%	65-126	04.20.15 00.18	**
4-Bromofluorobenzene	460-00-4	108	%	86-111	04.20.15 00.18	
Toluene-D8	2037-26-5	110	%	83-116	04.20.15 00.18	

Certificate of Analytical Results 506119

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Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW17** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-019 Date Collected: 04.14.15 14.41

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.20.15 00.44	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.20.15 00.44	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.20.15 00.44	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.20.15 00.44	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.20.15 00.44	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.20.15 00.44	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.20.15 00.44	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.20.15 00.44	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.20.15 00.44	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.20.15 00.44	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.20.15 00.44	UH	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.20.15 00.44	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.20.15 00.44	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.20.15 00.44	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.20.15 00.44	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.20.15 00.44	UH	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.20.15 00.44	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.20.15 00.44	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.20.15 00.44	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.20.15 00.44	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.20.15 00.44	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.20.15 00.44	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.20.15 00.44	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.20.15 00.44	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.20.15 00.44	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.20.15 00.44	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.20.15 00.44	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.20.15 00.44	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.20.15 00.44	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.20.15 00.44	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.20.15 00.44	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.20.15 00.44	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.20.15 00.44	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.20.15 00.44	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.20.15 00.44	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.20.15 00.44	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.20.15 00.44	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.20.15 00.44	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.20.15 00.44	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW17** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-019 Date Collected: 04.14.15 14.41

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.20.15 00.44	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.20.15 00.44	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.20.15 00.44	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.20.15 00.44	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.20.15 00.44	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.20.15 00.44	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.20.15 00.44	UH	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.20.15 00.44	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.20.15 00.44	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.20.15 00.44	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.20.15 00.44	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.20.15 00.44	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.20.15 00.44	UH	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.20.15 00.44	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.20.15 00.44	UH	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.20.15 00.44	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.20.15 00.44	UL	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.20.15 00.44	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.20.15 00.44	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.20.15 00.44	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.20.15 00.44	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.20.15 00.44	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.20.15 00.44	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.20.15 00.44	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.20.15 00.44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	134	%	65-126	04.20.15 00.44	**
4-Bromofluorobenzene	460-00-4	109	%	86-111	04.20.15 00.44	
Toluene-D8	2037-26-5	112	%	83-116	04.20.15 00.44	

Certificate of Analytical Results 506119

XENCO Laboratories
Florida Testing Services, LLC

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Paul's Cash Grocery and Service

Sample Id: **MW18** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-020 Date Collected: 04.14.15 14.36

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: MWE % Moisture:
Analyst: ZHO Date Prep: 04.23.15 07.16
Seq Number: 966664

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.23.15 11.11	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.23.15 11.11	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.23.15 11.11	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.23.15 11.11	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.23.15 11.11	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.23.15 11.11	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.23.15 11.11	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.23.15 11.11	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.23.15 11.11	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.23.15 11.11	U	1
1,2,4-Trimethylbenzene	95-63-6	**71.8**	0.500	0.103	ug/L	04.23.15 11.11		1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.23.15 11.11	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.23.15 11.11	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.23.15 11.11	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.23.15 11.11	U	1
1,3,5-Trimethylbenzene	108-67-8	**56.8**	0.500	0.0870	ug/L	04.23.15 11.11		1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.23.15 11.11	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.23.15 11.11	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.23.15 11.11	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.23.15 11.11	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.23.15 11.11	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.23.15 11.11	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.23.15 11.11	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.23.15 11.11	U	1
4-Isopropyltoluene	99-87-6	**8.62**	0.500	0.0890	ug/L	04.23.15 11.11		1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.23.15 11.11	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.23.15 11.11	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.23.15 11.11	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.23.15 11.11	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.23.15 11.11	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.23.15 11.11	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.23.15 11.11	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.23.15 11.11	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.23.15 11.11	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.23.15 11.11	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.23.15 11.11	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.23.15 11.11	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.23.15 11.11	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.23.15 11.11	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **MW18** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-020 Date Collected: 04.14.15 14.36

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: MWE % Moisture:
Analyst: ZHO Date Prep: 04.23.15 07.16
Seq Number: 966664

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.23.15 11.11	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.23.15 11.11	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.23.15 11.11	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.23.15 11.11	U	1
Ethylbenzene	100-41-4	**2.32**	0.500	0.0920	ug/L	04.23.15 11.11		1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.23.15 11.11	U	1
Isopropylbenzene	98-82-8	**10.7**	0.500	0.0980	ug/L	04.23.15 11.11		1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.23.15 11.11	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.23.15 11.11	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.23.15 11.11	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.23.15 11.11	U	1
n-Propylbenzene	103-65-1	**8.36**	1.00	0.0650	ug/L	04.23.15 11.11		1
sec-Butylbenzene	135-98-8	**10.9**	0.500	0.0920	ug/L	04.23.15 11.11		1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.23.15 11.11	U	1
tert-Butylbenzene	98-06-6	**1.47**	0.500	0.0890	ug/L	04.23.15 11.11		1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.23.15 11.11	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.23.15 11.11	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.23.15 11.11	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.23.15 11.11	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.23.15 11.11	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.23.15 11.11	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.23.15 11.11	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.23.15 11.11	U	1
m,p-Xylenes	179601-23-1	**16.7**	1.00	0.176	ug/L	04.23.15 11.11		1
o-Xylene	95-47-6	**11.1**	0.500	0.122	ug/L	04.23.15 11.11		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	105	%	65-126	04.23.15 11.11	
4-Bromofluorobenzene	460-00-4	105	%	86-111	04.23.15 11.11	
Toluene-D8	2037-26-5	98	%	83-116	04.23.15 11.11	

Certificate of Analytical Results 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **RW1** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-021 Date Collected: 04.14.15 14.51

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.20.15 14.01	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.20.15 14.01	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.20.15 14.01	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.20.15 14.01	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.20.15 14.01	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.20.15 14.01	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.20.15 14.01	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.20.15 14.01	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.20.15 14.01	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.20.15 14.01	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.20.15 14.01	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.20.15 14.01	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.20.15 14.01	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.20.15 14.01	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.20.15 14.01	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.20.15 14.01	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.20.15 14.01	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.20.15 14.01	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.20.15 14.01	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.20.15 14.01	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.20.15 14.01	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.20.15 14.01	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.20.15 14.01	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.20.15 14.01	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.20.15 14.01	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.20.15 14.01	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.20.15 14.01	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.20.15 14.01	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.20.15 14.01	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.20.15 14.01	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.20.15 14.01	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.20.15 14.01	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.20.15 14.01	UF	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.20.15 14.01	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.20.15 14.01	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.20.15 14.01	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.20.15 14.01	UF	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.20.15 14.01	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.20.15 14.01	UF	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **RW1** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-021 Date Collected: 04.14.15 14.51

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.20.15 07.00
Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.20.15 14.01	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.20.15 14.01	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.20.15 14.01	UF	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.20.15 14.01	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.20.15 14.01	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.20.15 14.01	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.20.15 14.01	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	**24.2**	0.500	0.169	ug/L	04.20.15 14.01		1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.20.15 14.01	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.20.15 14.01	UH	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.20.15 14.01	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.20.15 14.01	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.20.15 14.01	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.20.15 14.01	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.20.15 14.01	U	1
Tetrachloroethene (PCE)	127-18-4	**0.320**	0.500	0.0540	ug/L	04.20.15 14.01	J	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.20.15 14.01	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.20.15 14.01	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.20.15 14.01	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.20.15 14.01	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.20.15 14.01	UF	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.20.15 14.01	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.20.15 14.01	UF	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.20.15 14.01	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.20.15 14.01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	104	%	65-126	04.20.15 14.01	
4-Bromofluorobenzene	460-00-4	104	%	86-111	04.20.15 14.01	
Toluene-D8	2037-26-5	102	%	83-116	04.20.15 14.01	

Certificate of Analytical Results 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **PW1** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-022 Date Collected: 04.14.15 15.10

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.20.15 01.36	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.20.15 01.36	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.20.15 01.36	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.20.15 01.36	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.20.15 01.36	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.20.15 01.36	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.20.15 01.36	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.20.15 01.36	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.20.15 01.36	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.20.15 01.36	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.20.15 01.36	UH	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.20.15 01.36	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.20.15 01.36	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.20.15 01.36	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.20.15 01.36	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.20.15 01.36	UH	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.20.15 01.36	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.20.15 01.36	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.20.15 01.36	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.20.15 01.36	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.20.15 01.36	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.20.15 01.36	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.20.15 01.36	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.20.15 01.36	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.20.15 01.36	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.20.15 01.36	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.20.15 01.36	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.20.15 01.36	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.20.15 01.36	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.20.15 01.36	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.20.15 01.36	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.20.15 01.36	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.20.15 01.36	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.20.15 01.36	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.20.15 01.36	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.20.15 01.36	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.20.15 01.36	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.20.15 01.36	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.20.15 01.36	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **PW1** Matrix: Ground Water Date Received:04.16.15 09.40

Lab Sample Id: 506119-022 Date Collected: 04.14.15 15.10

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Tech: ZHO % Moisture:

Analyst: ZHO Date Prep: 04.19.15 15.36

Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.20.15 01.36	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.20.15 01.36	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.20.15 01.36	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.20.15 01.36	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.20.15 01.36	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.20.15 01.36	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.20.15 01.36	UH	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.20.15 01.36	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.20.15 01.36	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.20.15 01.36	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.20.15 01.36	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.20.15 01.36	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.20.15 01.36	UH	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.20.15 01.36	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.20.15 01.36	UH	1
Tetrachloroethene (PCE)	127-18-4	**1.46**	0.500	0.0540	ug/L	04.20.15 01.36		1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.20.15 01.36	UL	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.20.15 01.36	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.20.15 01.36	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.20.15 01.36	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.20.15 01.36	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.20.15 01.36	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.20.15 01.36	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.20.15 01.36	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.20.15 01.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	133	%	65-126	04.20.15 01.36	**
4-Bromofluorobenzene	460-00-4	108	%	86-111	04.20.15 01.36	
Toluene-D8	2037-26-5	111	%	83-116	04.20.15 01.36	

Certificate of Analytical Results 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **PW2** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-023 Date Collected: 04.14.15 15.05

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.20.15 02.02	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.20.15 02.02	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.20.15 02.02	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.20.15 02.02	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.20.15 02.02	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.20.15 02.02	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.20.15 02.02	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.20.15 02.02	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.20.15 02.02	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.20.15 02.02	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.20.15 02.02	UH	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.20.15 02.02	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.20.15 02.02	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.20.15 02.02	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.20.15 02.02	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.20.15 02.02	UH	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.20.15 02.02	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.20.15 02.02	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.20.15 02.02	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.20.15 02.02	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.20.15 02.02	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.20.15 02.02	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.20.15 02.02	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.20.15 02.02	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.20.15 02.02	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.20.15 02.02	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.20.15 02.02	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.20.15 02.02	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.20.15 02.02	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.20.15 02.02	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.20.15 02.02	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.20.15 02.02	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.20.15 02.02	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.20.15 02.02	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.20.15 02.02	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.20.15 02.02	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.20.15 02.02	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.20.15 02.02	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.20.15 02.02	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **PW2** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-023 Date Collected: 04.14.15 15.05

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.19.15 15.36
Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.20.15 02.02	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.20.15 02.02	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.20.15 02.02	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.20.15 02.02	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.20.15 02.02	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.20.15 02.02	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.20.15 02.02	UH	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.20.15 02.02	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.20.15 02.02	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.20.15 02.02	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.20.15 02.02	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.20.15 02.02	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.20.15 02.02	UH	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.20.15 02.02	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.20.15 02.02	UH	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.20.15 02.02	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.20.15 02.02	UL	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.20.15 02.02	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.20.15 02.02	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.20.15 02.02	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.20.15 02.02	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.20.15 02.02	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.20.15 02.02	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.20.15 02.02	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.20.15 02.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	132	%	65-126	04.20.15 02.02	**
4-Bromofluorobenzene	460-00-4	107	%	86-111	04.20.15 02.02	
Toluene-D8	2037-26-5	110	%	83-116	04.20.15 02.02	

Certificate of Analytical Results 506119

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Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **PW9** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-024 Date Collected: 04.14.15 13.25

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.22.15 07.18
Seq Number: 966590

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.22.15 16.48	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.22.15 16.48	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.22.15 16.48	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.22.15 16.48	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.22.15 16.48	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.22.15 16.48	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.22.15 16.48	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.22.15 16.48	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.22.15 16.48	UHF	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.22.15 16.48	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.22.15 16.48	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.22.15 16.48	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.22.15 16.48	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.22.15 16.48	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.22.15 16.48	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.22.15 16.48	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.22.15 16.48	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.22.15 16.48	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.22.15 16.48	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.22.15 16.48	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.22.15 16.48	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.22.15 16.48	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.22.15 16.48	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.22.15 16.48	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.22.15 16.48	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.22.15 16.48	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.22.15 16.48	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.22.15 16.48	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.22.15 16.48	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.22.15 16.48	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.22.15 16.48	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.22.15 16.48	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.22.15 16.48	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.22.15 16.48	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.22.15 16.48	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.22.15 16.48	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.22.15 16.48	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.22.15 16.48	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.22.15 16.48	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **PW9** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-024 Date Collected: 04.14.15 13.25

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.22.15 07.18
Seq Number: 966590

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.22.15 16.48	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.22.15 16.48	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.22.15 16.48	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.22.15 16.48	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.22.15 16.48	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.22.15 16.48	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.22.15 16.48	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.22.15 16.48	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.22.15 16.48	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.22.15 16.48	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.22.15 16.48	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.22.15 16.48	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.22.15 16.48	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.22.15 16.48	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.22.15 16.48	U	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.22.15 16.48	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.22.15 16.48	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.22.15 16.48	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.22.15 16.48	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.22.15 16.48	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.22.15 16.48	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.22.15 16.48	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.22.15 16.48	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.22.15 16.48	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.22.15 16.48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	102	%	65-126	04.22.15 16.48	
4-Bromofluorobenzene	460-00-4	96	%	86-111	04.22.15 16.48	
Toluene-D8	2037-26-5	102	%	83-116	04.22.15 16.48	

Certificate of Analytical Results 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **PW10** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-025 Date Collected: 04.14.15 13.15

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.22.15 07.18
Seq Number: 966590

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.22.15 17.34	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.22.15 17.34	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.22.15 17.34	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.22.15 17.34	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.22.15 17.34	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.22.15 17.34	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.22.15 17.34	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.22.15 17.34	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.22.15 17.34	UHF	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.22.15 17.34	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.22.15 17.34	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.22.15 17.34	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.22.15 17.34	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.22.15 17.34	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.22.15 17.34	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.22.15 17.34	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.22.15 17.34	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.22.15 17.34	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.22.15 17.34	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.22.15 17.34	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.22.15 17.34	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.22.15 17.34	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.22.15 17.34	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.22.15 17.34	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.22.15 17.34	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.22.15 17.34	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.22.15 17.34	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.22.15 17.34	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.22.15 17.34	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.22.15 17.34	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.22.15 17.34	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.22.15 17.34	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.22.15 17.34	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.22.15 17.34	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.22.15 17.34	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.22.15 17.34	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.22.15 17.34	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.22.15 17.34	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.22.15 17.34	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **PW10** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-025 Date Collected: 04.14.15 13.15

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.22.15 07.18
Seq Number: 966590

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.22.15 17.34	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.22.15 17.34	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.22.15 17.34	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.22.15 17.34	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.22.15 17.34	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.22.15 17.34	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.22.15 17.34	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	**0.360**	0.500	0.169	ug/L	04.22.15 17.34	J	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.22.15 17.34	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.22.15 17.34	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.22.15 17.34	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.22.15 17.34	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.22.15 17.34	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.22.15 17.34	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.22.15 17.34	U	1
Tetrachloroethene (PCE)	127-18-4	**28.9**	0.500	0.0540	ug/L	04.22.15 17.34		1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.22.15 17.34	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.22.15 17.34	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.22.15 17.34	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.22.15 17.34	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.22.15 17.34	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.22.15 17.34	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.22.15 17.34	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.22.15 17.34	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.22.15 17.34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	99	%	65-126	04.22.15 17.34	
4-Bromofluorobenzene	460-00-4	96	%	86-111	04.22.15 17.34	
Toluene-D8	2037-26-5	103	%	83-116	04.22.15 17.34	

Certificate of Analytical Results 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **PW17** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-026 Date Collected: 04.14.15 13.27

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.22.15 07.18
Seq Number: 966590

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.22.15 18.00	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.22.15 18.00	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.22.15 18.00	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.22.15 18.00	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.22.15 18.00	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.22.15 18.00	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.22.15 18.00	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.22.15 18.00	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.22.15 18.00	UHF	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.22.15 18.00	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.22.15 18.00	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.22.15 18.00	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.22.15 18.00	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.22.15 18.00	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.22.15 18.00	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.22.15 18.00	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.22.15 18.00	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.22.15 18.00	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.22.15 18.00	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.22.15 18.00	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.22.15 18.00	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.22.15 18.00	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.22.15 18.00	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.22.15 18.00	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.22.15 18.00	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.22.15 18.00	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.22.15 18.00	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.22.15 18.00	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.22.15 18.00	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.22.15 18.00	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.22.15 18.00	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.22.15 18.00	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.22.15 18.00	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.22.15 18.00	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.22.15 18.00	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.22.15 18.00	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.22.15 18.00	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.22.15 18.00	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.22.15 18.00	U	1

Certificate of Analytical Results 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **PW17** Matrix: Ground Water Date Received:04.16.15 09.40
Lab Sample Id: 506119-026 Date Collected: 04.14.15 13.27

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP
Tech: ZHO % Moisture:
Analyst: ZHO Date Prep: 04.22.15 07.18
Seq Number: 966590

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.22.15 18.00	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.22.15 18.00	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.22.15 18.00	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.22.15 18.00	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.22.15 18.00	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.22.15 18.00	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.22.15 18.00	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.22.15 18.00	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.22.15 18.00	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.22.15 18.00	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.22.15 18.00	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.22.15 18.00	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.22.15 18.00	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.22.15 18.00	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.22.15 18.00	U	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.22.15 18.00	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.22.15 18.00	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.22.15 18.00	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.22.15 18.00	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.22.15 18.00	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.22.15 18.00	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.22.15 18.00	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.22.15 18.00	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.22.15 18.00	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.22.15 18.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	103	%	65-126	04.22.15 18.00	
4-Bromofluorobenzene	460-00-4	110	%	86-111	04.22.15 18.00	
Toluene-D8	2037-26-5	98	%	83-116	04.22.15 18.00	

QC Summary 506119

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **Inorganic Anions by SW-846 9056A** Prep Method: SW9056P
Seq Number: 966552 Matrix: Water Date Prep: 04.16.15
MB Sample Id: 691576-1-BLK LCS Sample Id: 691576-1-BKS LCSD Sample Id: 691576-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Sulfate	<0.168	20.0	19.6	98	19.8	99	80-120	1	15	mg/L	04.16.15 13:50	

Analytical Method: **Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2** Prep Method: E351.2P
Seq Number: 966709 Matrix: Water Date Prep: 04.22.15
MB Sample Id: 691609-1-BLK LCS Sample Id: 691609-1-BKS LCSD Sample Id: 691609-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Nitrogen, Total Kjeldahl	<0.0501	5.00	5.13	103	5.11	102	90-110	0	20	mg/L	04.24.15 07:52	

Analytical Method: **Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2** Prep Method: E351.2P
Seq Number: 966709 Matrix: Water Date Prep: 04.22.15
Parent Sample Id: 506238-001 MS Sample Id: 506238-001 S MSD Sample Id: 506238-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Nitrogen, Total Kjeldahl	0.960	5.00	6.26	106	6.27	106	90-110	0	20	mg/L	04.24.15 08:26	

Analytical Method: **Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2** Prep Method: E351.2P
Seq Number: 966709 Matrix: Water Date Prep: 04.22.15
Parent Sample Id: 506238-003 MS Sample Id: 506238-003 S MSD Sample Id: 506238-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Nitrogen, Total Kjeldahl	0.865	5.00	6.31	109	6.33	109	90-110	0	20	mg/L	04.24.15 08:21	

Analytical Method: **Nitrogen, Nitrate-Nitrite by EPA 353.2** Prep Method: E353.2P
Seq Number: 966385 Matrix: Water Date Prep: 04.20.15
MB Sample Id: 691449-1-BLK LCS Sample Id: 691449-1-BKS LCSD Sample Id: 691449-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Nitrogen, Nitrate-Nitrite	<0.0218	2.00	2.07	104	2.12	106	80-120	2	20	mg/L	04.20.15 15:22	

Analytical Method: **Nitrogen, Nitrate-Nitrite by EPA 353.2** Prep Method: E353.2P
Seq Number: 966385 Matrix: Waste Water Date Prep: 04.20.15
Parent Sample Id: 505933-002 MS Sample Id: 505933-002 S MSD Sample Id: 505933-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Nitrogen, Nitrate-Nitrite	1.50	1.00	2.43	93	2.42	92	80-120	0	20	mg/L	04.20.15 15:28	

QC Summary 506119

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method:	**Nitrogen, Nitrate-Nitrite by EPA 353.2**			Prep Method:	E353.2P
Seq Number:	966385	Matrix:	Waste Water	Date Prep:	04.20.15
Parent Sample Id:	505934-002	MS Sample Id:	505934-002 S	MSD Sample Id:	505934-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Nitrogen, Nitrate-Nitrite	0.235	1.00	1.36	113	1.34	111	80-120	1	20	mg/L	04.20.15 15:31	

QC Summary 506119

Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Seq Number: 966507 Matrix: Water Date Prep: 04.19.15

MB Sample Id: 691538-1-BLK LCS Sample Id: 691538-1-BKS LCSD Sample Id: 691538-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1,2-Tetrachloroethane	<0.180	25.0	26.8	107	28.3	113	75-127	5	20	ug/L	04.19.15 16:29	
1,1,1-Trichloroethane	<0.0760	25.0	25.9	104	27.0	108	62-128	4	20	ug/L	04.19.15 16:29	
1,1,2,2-Tetrachloroethane	<0.0700	25.0	26.4	106	27.3	109	77-129	3	20	ug/L	04.19.15 16:29	
1,1,2-Trichloroethane	<0.113	25.0	25.1	100	25.9	104	86-120	3	20	ug/L	04.19.15 16:29	
1,1-Dichloroethane	<0.121	25.0	24.1	96	25.6	102	82-114	6	20	ug/L	04.19.15 16:29	
1,1-Dichloroethene	<0.104	25.0	22.7	91	23.8	95	73-123	5	20	ug/L	04.19.15 16:29	
1,1-Dichloropropene	<0.0600	25.0	28.2	113	29.4	118	83-125	4	20	ug/L	04.19.15 16:29	
1,2,3-Trichlorobenzene	<0.118	25.0	29.0	116	29.8	119	57-127	3	20	ug/L	04.19.15 16:29	
1,2,3-Trichloropropane	<0.138	25.0	26.3	105	26.1	104	79-118	1	20	ug/L	04.19.15 16:29	
1,2,4-Trichlorobenzene	<0.0690	25.0	25.3	101	26.7	107	59-125	5	20	ug/L	04.19.15 16:29	
1,2,4-Trimethylbenzene	<0.103	25.0	29.5	118	30.8	123	84-118	4	20	ug/L	04.19.15 16:29	H
1,2-Dibromoethane (EDB)	<0.180	25.0	26.0	104	26.8	107	83-126	3	20	ug/L	04.19.15 16:29	
1,2-Dichlorobenzene	<0.0940	25.0	25.8	103	26.9	108	83-128	4	0	ug/L	04.19.15 16:29	
1,2-Dichloroethane	<0.0900	25.0	25.7	103	26.4	106	56-133	3	20	ug/L	04.19.15 16:29	
1,2-Dichloropropane	<0.122	25.0	27.1	108	27.8	111	85-121	3	20	ug/L	04.19.15 16:29	
1,3,5-Trimethylbenzene	<0.0870	25.0	29.0	116	30.8	123	86-118	6	20	ug/L	04.19.15 16:29	H
1,3-Dichlorobenzene	<0.0980	25.0	26.0	104	27.6	110	90-126	6	20	ug/L	04.19.15 16:29	
1,3-Dichloropropane	<0.133	25.0	25.7	103	27.4	110	85-121	6	20	ug/L	04.19.15 16:29	
1,4-Dichlorobenzene	<0.0670	25.0	25.5	102	26.7	107	88-121	5	20	ug/L	04.19.15 16:29	
2,2-Dichloropropane	<0.0970	25.0	27.6	110	29.7	119	76-126	7	20	ug/L	04.19.15 16:29	
2-Butanone (MEK)	<0.378	50.0	51.5	103	51.3	103	66-133	0	20	ug/L	04.19.15 16:29	
2-Chlorotoluene	<0.0880	25.0	28.5	114	29.9	120	80-128	5	20	ug/L	04.19.15 16:29	
2-Hexanone	<0.352	50.0	48.1	96	48.1	96	70-130	0	20	ug/L	04.19.15 16:29	
4-Chlorotoluene	<0.0900	25.0	28.9	116	30.1	120	82-130	4	20	ug/L	04.19.15 16:29	
4-Isopropyltoluene	<0.0890	25.0	25.3	101	27.1	108	80-128	7	0	ug/L	04.19.15 16:29	
4-Methyl-2-pentanone (MIBK)	<0.253	50.0	55.2	110	55.0	110	74-129	0	20	ug/L	04.19.15 16:29	
Acetone	<0.352	50.0	51.7	103	54.2	108	51-143	5	20	ug/L	04.19.15 16:29	
Benzene	<0.119	25.0	25.2	101	26.5	106	81-123	5	20	ug/L	04.19.15 16:29	
Bromobenzene	<0.132	25.0	27.1	108	28.1	112	84-114	4	20	ug/L	04.19.15 16:29	
Bromochloromethane	<0.112	25.0	23.2	93	23.7	95	89-127	2	20	ug/L	04.19.15 16:29	
Bromodichloromethane	<0.124	25.0	26.3	105	27.7	111	79-129	5	20	ug/L	04.19.15 16:29	
Bromoform	<0.159	25.0	27.0	108	28.2	113	73-140	4	20	ug/L	04.19.15 16:29	
Bromomethane	<0.0970	25.0	20.9	84	20.8	83	53-143	0	20	ug/L	04.19.15 16:29	
Carbon tetrachloride	<0.0990	25.0	25.8	103	28.3	113	66-136	9	20	ug/L	04.19.15 16:29	
Chlorobenzene	<0.105	25.0	24.7	99	25.9	104	88-118	5	20	ug/L	04.19.15 16:29	
Chlorodibromomethane	<0.177	25.0	27.5	110	28.2	113	73-139	3	0	ug/L	04.19.15 16:29	
Chloroethane	<0.0420	25.0	23.4	94	24.1	96	70-123	3	20	ug/L	04.19.15 16:29	
Chloroform	<0.172	25.0	24.4	98	25.7	103	72-118	5	20	ug/L	04.19.15 16:29	
Chloromethane	<0.0850	25.0	23.1	92	22.3	89	65-125	4	20	ug/L	04.19.15 16:29	
cis-1,2-Dichloroethene	<0.114	25.0	24.4	98	25.7	103	85-125	5	20	ug/L	04.19.15 16:29	
cis-1,3-Dichloropropene	<0.100	25.0	29.6	118	30.9	124	92-126	4	20	ug/L	04.19.15 16:29	
Dichlorodifluoromethane	<0.0670	25.0	24.7	99	24.8	99	48-143	0	20	ug/L	04.19.15 16:29	
Ethanol	<3.00	1000	1020	102	1090	109	61-133	7	20	ug/L	04.19.15 16:29	
Ethylbenzene	<0.0920	25.0	26.1	104	27.6	110	87-123	6	20	ug/L	04.19.15 16:29	
Isopropyl ether	<0.0920	25.0	24.4	98	25.7	103	77-125	5	20	ug/L	04.19.15 16:29	
Isopropylbenzene	<0.0980	25.0	30.0	120	31.3	125	82-115	4	20	ug/L	04.19.15 16:29	H
Methyl tert-butyl ether (MTBE)	<0.169	50.0	48.6	97	50.3	101	53-149	3	20	ug/L	04.19.15 16:29	
Methylene Chloride	0.870	25.0	21.7	87	22.6	90	75-119	4	20	ug/L	04.19.15 16:29	
Naphthalene	<0.0940	25.0	23.1	92	23.3	93	52-116	1	20	ug/L	04.19.15 16:29	
n-Butylbenzene	<0.0600	25.0	26.0	104	28.3	113	83-130	8	20	ug/L	04.19.15 16:29	
n-Propylbenzene	<0.0650	25.0	28.5	114	30.0	120	84-122	5	20	ug/L	04.19.15 16:29	
sec-Butylbenzene	<0.0920	25.0	28.9	116	31.5	126	86-120	9	20	ug/L	04.19.15 16:29	H

QC Summary 506119

Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Seq Number: 966507 Matrix: Water Date Prep: 04.19.15

MB Sample Id: 691538-1-BLK LCS Sample Id: 691538-1-BKS LCSD Sample Id: 691538-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Styrene	<0.0740	25.0	28.8	115	30.1	120	85-123	4	20	ug/L	04.19.15 16:29	
tert-Butylbenzene	<0.0890	25.0	30.4	122	32.2	129	79-126	6	20	ug/L	04.19.15 16:29	H
Tetrachloroethene (PCE)	<0.0540	25.0	20.8	83	22.2	89	64-131	7	20	ug/L	04.19.15 16:29	
Toluene	<0.0570	25.0	22.1	88	23.1	92	89-116	4	20	ug/L	04.19.15 16:29	L
trans-1,2-Dichloroethene	<0.188	25.0	22.2	89	22.8	91	78-118	3	20	ug/L	04.19.15 16:29	
trans-1,3-Dichloropropene	<0.110	25.0	28.9	116	30.4	122	86-127	5	20	ug/L	04.19.15 16:29	
Trichloroethene	<0.139	25.0	24.1	96	26.5	106	82-119	9	20	ug/L	04.19.15 16:29	
Trichlorofluoromethane	<0.0540	25.0	23.2	93	22.8	91	46-144	2	20	ug/L	04.19.15 16:29	
Vinyl Acetate	<0.720	25.0	30.9	124	31.1	124	58-141	1	20	ug/L	04.19.15 16:29	
Vinyl Chloride	<0.0810	25.0	24.8	99	23.9	96	76-122	4	20	ug/L	04.19.15 16:29	
m,p-Xylenes	<0.176	50.0	51.6	103	54.9	110	90-125	6	20	ug/L	04.19.15 16:29	
o-Xylene	<0.122	25.0	27.4	110	29.0	116	86-119	6	20	ug/L	04.19.15 16:29	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	116		103		106		65-126	%	04.19.15 16:29
4-Bromofluorobenzene	110		108		108		86-111	%	04.19.15 16:29
Toluene-D8	111		107		106		83-116	%	04.19.15 16:29

QC Summary 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP
Seq Number: 966444 Matrix: Water Date Prep: 04.20.15
MB Sample Id: 691501-1-BLK LCS Sample Id: 691501-1-BKS LCSD Sample Id: 691501-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1,2-Tetrachloroethane	<0.180	25.0	28.7	115	25.8	103	75-127	11	20	ug/L	04.20.15 07:49	
1,1,1-Trichloroethane	<0.0760	25.0	27.2	109	24.8	99	62-128	9	20	ug/L	04.20.15 07:49	
1,1,2,2-Tetrachloroethane	<0.0700	25.0	25.4	102	26.6	106	77-129	5	20	ug/L	04.20.15 07:49	
1,1,2-Trichloroethane	<0.113	25.0	24.9	100	27.0	108	86-120	8	20	ug/L	04.20.15 07:49	
1,1-Dichloroethane	<0.121	25.0	25.2	101	23.1	92	82-114	9	20	ug/L	04.20.15 07:49	
1,1-Dichloroethene	<0.104	25.0	24.5	98	22.6	90	73-123	8	20	ug/L	04.20.15 07:49	
1,1-Dichloropropene	<0.0600	25.0	25.1	100	24.1	96	83-125	4	20	ug/L	04.20.15 07:49	
1,2,3-Trichlorobenzene	<0.118	25.0	28.3	113	26.3	105	57-127	7	20	ug/L	04.20.15 07:49	
1,2,3-Trichloropropane	<0.138	25.0	23.7	95	26.4	106	79-118	11	20	ug/L	04.20.15 07:49	
1,2,4-Trichlorobenzene	<0.0690	25.0	28.1	112	26.3	105	59-125	7	20	ug/L	04.20.15 07:49	
1,2,4-Trimethylbenzene	<0.103	25.0	23.9	96	24.3	97	84-118	2	20	ug/L	04.20.15 07:49	
1,2-Dibromoethane (EDB)	<0.180	25.0	23.5	94	26.7	107	83-126	13	20	ug/L	04.20.15 07:49	
1,2-Dichlorobenzene	<0.0940	25.0	26.3	105	24.9	100	83-128	5	0	ug/L	04.20.15 07:49	
1,2-Dichloroethane	<0.0900	25.0	26.2	105	26.0	104	56-133	1	20	ug/L	04.20.15 07:49	
1,2-Dichloropropane	<0.122	25.0	24.5	98	24.9	100	85-121	2	20	ug/L	04.20.15 07:49	
1,3,5-Trimethylbenzene	<0.0870	25.0	23.8	95	24.2	97	86-118	2	20	ug/L	04.20.15 07:49	
1,3-Dichlorobenzene	<0.0980	25.0	24.6	98	24.9	100	90-126	1	20	ug/L	04.20.15 07:49	
1,3-Dichloropropane	<0.133	25.0	23.5	94	26.6	106	85-121	12	20	ug/L	04.20.15 07:49	
1,4-Dichlorobenzene	<0.0670	25.0	24.5	98	24.8	99	88-121	1	20	ug/L	04.20.15 07:49	
2,2-Dichloropropane	<0.0970	25.0	25.7	103	22.3	89	76-126	14	20	ug/L	04.20.15 07:49	
2-Butanone (MEK)	<0.378	50.0	53.1	106	53.1	106	66-133	0	20	ug/L	04.20.15 07:49	
2-Chlorotoluene	<0.0880	25.0	23.5	94	24.8	99	80-128	5	20	ug/L	04.20.15 07:49	
2-Hexanone	<0.352	50.0	44.9	90	50.5	101	70-130	12	20	ug/L	04.20.15 07:49	
4-Chlorotoluene	<0.0900	25.0	22.5	90	25.3	101	82-130	12	20	ug/L	04.20.15 07:49	
4-Isopropyltoluene	<0.0890	25.0	24.7	99	24.6	98	80-128	0	0	ug/L	04.20.15 07:49	
4-Methyl-2-pentanone (MIBK)	<0.253	50.0	51.0	102	52.0	104	74-129	2	20	ug/L	04.20.15 07:49	
Acetone	<0.352	50.0	62.4	125	55.9	112	51-143	11	20	ug/L	04.20.15 07:49	
Benzene	<0.119	25.0	24.1	96	24.2	97	81-123	0	20	ug/L	04.20.15 07:49	
Bromobenzene	<0.132	25.0	22.6	90	25.5	102	84-114	12	20	ug/L	04.20.15 07:49	
Bromochloromethane	<0.112	25.0	29.4	118	25.4	102	89-127	15	20	ug/L	04.20.15 07:49	
Bromodichloromethane	<0.124	25.0	26.2	105	26.2	105	79-129	0	20	ug/L	04.20.15 07:49	
Bromoform	<0.159	25.0	22.0	88	25.5	102	73-140	15	20	ug/L	04.20.15 07:49	
Bromomethane	<0.0970	25.0	32.1	128	23.7	95	53-143	30	20	ug/L	04.20.15 07:49	F
Carbon tetrachloride	<0.0990	25.0	29.1	116	27.4	110	66-136	6	20	ug/L	04.20.15 07:49	
Chlorobenzene	<0.105	25.0	24.3	97	24.9	100	88-118	2	20	ug/L	04.20.15 07:49	
Chlorodibromomethane	<0.177	25.0	27.2	109	28.5	114	73-139	5	0	ug/L	04.20.15 07:49	
Chloroethane	<0.0420	25.0	26.4	106	21.3	85	70-123	21	20	ug/L	04.20.15 07:49	F
Chloroform	<0.172	25.0	29.5	118	27.0	108	72-118	9	20	ug/L	04.20.15 07:49	
Chloromethane	<0.0850	25.0	26.7	107	21.6	86	65-125	21	20	ug/L	04.20.15 07:49	F
cis-1,2-Dichloroethene	<0.114	25.0	24.2	97	23.4	94	85-125	3	20	ug/L	04.20.15 07:49	
cis-1,3-Dichloropropene	<0.100	25.0	23.2	93	26.5	106	92-126	13	20	ug/L	04.20.15 07:49	
Dichlorodifluoromethane	<0.0670	25.0	29.4	118	23.1	92	48-143	24	20	ug/L	04.20.15 07:49	F
Ethanol	<3.00	1000	1070	107	1020	102	61-133	5	20	ug/L	04.20.15 07:49	
Ethylbenzene	<0.0920	25.0	25.1	100	24.7	99	87-123	2	20	ug/L	04.20.15 07:49	
Isopropyl ether	<0.0920	25.0	24.9	100	23.5	94	77-125	6	20	ug/L	04.20.15 07:49	
Isopropylbenzene	<0.0980	25.0	23.8	95	24.2	97	82-115	2	20	ug/L	04.20.15 07:49	
Methyl tert-butyl ether (MTBE)	<0.169	50.0	53.0	106	47.9	96	53-149	10	20	ug/L	04.20.15 07:49	
Methylene Chloride	<0.190	25.0	28.6	114	26.3	105	75-119	8	20	ug/L	04.20.15 07:49	
Naphthalene	<0.0940	25.0	29.6	118	27.5	110	52-116	7	20	ug/L	04.20.15 07:49	H
n-Butylbenzene	<0.0600	25.0	25.6	102	25.2	101	83-130	2	20	ug/L	04.20.15 07:49	
n-Propylbenzene	<0.0650	25.0	22.9	92	24.7	99	84-122	8	20	ug/L	04.20.15 07:49	
sec-Butylbenzene	<0.0920	25.0	24.0	96	23.8	95	86-120	1	20	ug/L	04.20.15 07:49	

QC Summary 506119

Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Seq Number: 966444 Matrix: Water Date Prep: 04.20.15

MB Sample Id: 691501-1-BLK LCS Sample Id: 691501-1-BKS LCSD Sample Id: 691501-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Styrene	<0.0740	25.0	24.6	98	25.3	101	85-123	3	20	ug/L	04.20.15 07:49	
tert-Butylbenzene	<0.0890	25.0	24.3	97	23.7	95	79-126	3	20	ug/L	04.20.15 07:49	
Tetrachloroethene (PCE)	<0.0540	25.0	21.4	86	20.8	83	64-131	3	20	ug/L	04.20.15 07:49	
Toluene	<0.0570	25.0	25.5	102	24.9	100	89-116	2	20	ug/L	04.20.15 07:49	
trans-1,2-Dichloroethene	<0.188	25.0	25.5	102	22.8	91	78-118	11	20	ug/L	04.20.15 07:49	
trans-1,3-Dichloropropene	<0.110	25.0	24.3	97	28.4	114	86-127	16	20	ug/L	04.20.15 07:49	
Trichloroethene	<0.139	25.0	24.8	99	24.1	96	82-119	3	20	ug/L	04.20.15 07:49	
Trichlorofluoromethane	<0.0540	25.0	29.4	118	23.9	96	46-144	21	20	ug/L	04.20.15 07:49	F
Vinyl Acetate	<0.720	25.0	29.6	118	29.8	119	58-141	1	20	ug/L	04.20.15 07:49	
Vinyl Chloride	<0.0810	25.0	28.0	112	22.1	88	76-122	24	20	ug/L	04.20.15 07:49	F
m,p-Xylenes	<0.176	50.0	49.9	100	49.2	98	90-125	1	20	ug/L	04.20.15 07:49	
o-Xylene	<0.122	25.0	26.7	107	23.9	96	86-119	11	20	ug/L	04.20.15 07:49	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	112		106		104		65-126	%	04.20.15 07:49
4-Bromofluorobenzene	96		90		103		86-111	%	04.20.15 07:49
Toluene-D8	104		108		104		83-116	%	04.20.15 07:49

QC Summary 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP
Seq Number: 966590 Matrix: Water Date Prep: 04.22.15
MB Sample Id: 691604-1-BLK LCS Sample Id: 691604-1-BKS LCSD Sample Id: 691604-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1,2-Tetrachloroethane	<0.180	25.0	25.2	101	26.6	106	75-127	5	20	ug/L	04.22.15 08:20	
1,1,1-Trichloroethane	<0.0760	25.0	25.0	100	25.4	102	62-128	2	20	ug/L	04.22.15 08:20	
1,1,2,2-Tetrachloroethane	<0.0700	25.0	26.9	108	27.7	111	77-129	3	20	ug/L	04.22.15 08:20	
1,1,2-Trichloroethane	<0.113	25.0	28.1	112	28.4	114	86-120	1	20	ug/L	04.22.15 08:20	
1,1-Dichloroethane	<0.121	25.0	23.8	95	24.5	98	82-114	3	20	ug/L	04.22.15 08:20	
1,1-Dichloroethene	<0.104	25.0	23.4	94	23.5	94	73-123	0	20	ug/L	04.22.15 08:20	
1,1-Dichloropropene	<0.0600	25.0	24.0	96	25.2	101	83-125	5	20	ug/L	04.22.15 08:20	
1,2,3-Trichlorobenzene	<0.118	25.0	23.9	96	27.0	108	57-127	12	20	ug/L	04.22.15 08:20	
1,2,3-Trichloropropane	<0.138	25.0	36.5	146	26.9	108	79-118	30	20	ug/L	04.22.15 08:20	HF
1,2,4-Trichlorobenzene	<0.0690	25.0	23.4	94	26.4	106	59-125	12	20	ug/L	04.22.15 08:20	
1,2,4-Trimethylbenzene	<0.103	25.0	22.9	92	25.2	101	84-118	10	20	ug/L	04.22.15 08:20	
1,2-Dibromoethane (EDB)	<0.180	25.0	28.3	113	28.6	114	83-126	1	20	ug/L	04.22.15 08:20	
1,2-Dichlorobenzene	<0.0940	25.0	23.5	94	25.4	102	83-128	8	0	ug/L	04.22.15 08:20	
1,2-Dichloroethane	<0.0900	25.0	27.6	110	27.4	110	56-133	1	20	ug/L	04.22.15 08:20	
1,2-Dichloropropane	<0.122	25.0	26.7	107	26.9	108	85-121	1	20	ug/L	04.22.15 08:20	
1,3,5-Trimethylbenzene	<0.0870	25.0	23.1	92	25.4	102	86-118	9	20	ug/L	04.22.15 08:20	
1,3-Dichlorobenzene	<0.0980	25.0	23.8	95	25.9	104	90-126	8	20	ug/L	04.22.15 08:20	
1,3-Dichloropropane	<0.133	25.0	28.8	115	28.9	116	85-121	0	20	ug/L	04.22.15 08:20	
1,4-Dichlorobenzene	<0.0670	25.0	23.8	95	25.8	103	88-121	8	20	ug/L	04.22.15 08:20	
2,2-Dichloropropane	<0.0970	25.0	23.0	92	23.8	95	76-126	3	20	ug/L	04.22.15 08:20	
2-Butanone (MEK)	<0.378	50.0	55.2	110	54.7	109	66-133	1	20	ug/L	04.22.15 08:20	
2-Chlorotoluene	<0.0880	25.0	24.4	98	25.8	103	80-128	6	20	ug/L	04.22.15 08:20	
2-Hexanone	<0.352	50.0	52.4	105	50.9	102	70-130	3	20	ug/L	04.22.15 08:20	
4-Chlorotoluene	<0.0900	25.0	24.7	99	26.5	106	82-130	7	20	ug/L	04.22.15 08:20	
4-Isopropyltoluene	<0.0890	25.0	22.5	90	25.2	101	80-128	11	0	ug/L	04.22.15 08:20	
4-Methyl-2-pentanone (MIBK)	<0.253	50.0	53.5	107	53.4	107	74-129	0	20	ug/L	04.22.15 08:20	
Acetone	<0.352	50.0	58.2	116	57.8	116	51-143	1	20	ug/L	04.22.15 08:20	
Benzene	<0.119	25.0	24.9	100	25.5	102	81-123	2	20	ug/L	04.22.15 08:20	
Bromobenzene	<0.132	25.0	26.1	104	27.1	108	84-114	4	20	ug/L	04.22.15 08:20	
Bromochloromethane	<0.112	25.0	25.7	103	25.8	103	89-127	0	20	ug/L	04.22.15 08:20	
Bromodichloromethane	<0.124	25.0	28.5	114	28.4	114	79-129	0	20	ug/L	04.22.15 08:20	
Bromoform	<0.159	25.0	28.6	114	28.4	114	73-140	1	20	ug/L	04.22.15 08:20	
Bromomethane	<0.0970	25.0	28.5	114	29.0	116	53-143	2	20	ug/L	04.22.15 08:20	
Carbon tetrachloride	<0.0990	25.0	27.3	109	28.1	112	66-136	3	20	ug/L	04.22.15 08:20	
Chlorobenzene	<0.105	25.0	25.2	101	26.4	106	88-118	5	20	ug/L	04.22.15 08:20	
Chlorodibromomethane	<0.177	25.0	30.4	122	30.9	124	73-139	2	0	ug/L	04.22.15 08:20	
Chloroethane	<0.0420	25.0	22.8	91	22.5	90	70-123	1	20	ug/L	04.22.15 08:20	
Chloroform	<0.172	25.0	24.0	96	27.3	109	72-118	13	20	ug/L	04.22.15 08:20	
Chloromethane	<0.0850	25.0	24.2	97	23.7	95	65-125	2	20	ug/L	04.22.15 08:20	
cis-1,2-Dichloroethene	<0.114	25.0	23.9	96	24.6	98	85-125	3	20	ug/L	04.22.15 08:20	
cis-1,3-Dichloropropene	<0.100	25.0	30.2	121	29.7	119	92-126	2	20	ug/L	04.22.15 08:20	
Dichlorodifluoromethane	<0.0670	25.0	22.8	91	22.6	90	48-143	1	20	ug/L	04.22.15 08:20	
Ethanol	<3.00	1000	1030	103	1040	104	61-133	1	20	ug/L	04.22.15 08:20	
Ethylbenzene	<0.0920	25.0	23.8	95	25.4	102	87-123	7	20	ug/L	04.22.15 08:20	
Isopropyl ether	<0.0920	25.0	24.3	97	24.6	98	77-125	1	20	ug/L	04.22.15 08:20	
Isopropylbenzene	<0.0980	25.0	23.7	95	25.7	103	82-115	8	20	ug/L	04.22.15 08:20	
Methyl tert-butyl ether (MTBE)	<0.169	50.0	48.6	97	49.6	99	53-149	2	20	ug/L	04.22.15 08:20	
Methylene Chloride	<0.190	25.0	26.5	106	27.0	108	75-119	2	20	ug/L	04.22.15 08:20	
Naphthalene	<0.0940	25.0	24.5	98	27.6	110	52-116	12	20	ug/L	04.22.15 08:20	
n-Butylbenzene	<0.0600	25.0	22.9	92	26.0	104	83-130	13	20	ug/L	04.22.15 08:20	
n-Propylbenzene	<0.0650	25.0	24.0	96	26.2	105	84-122	9	20	ug/L	04.22.15 08:20	
sec-Butylbenzene	<0.0920	25.0	22.0	88	24.8	99	86-120	12	20	ug/L	04.22.15 08:20	

QC Summary 506119

Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Seq Number: 966590 Matrix: Water Date Prep: 04.22.15

MB Sample Id: 691604-1-BLK LCS Sample Id: 691604-1-BKS LCSD Sample Id: 691604-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Styrene	<0.0740	25.0	24.7	99	26.0	104	85-123	5	20	ug/L	04.22.15 08:20	
tert-Butylbenzene	<0.0890	25.0	22.4	90	25.1	100	79-126	11	20	ug/L	04.22.15 08:20	
Tetrachloroethene (PCE)	<0.0540	25.0	20.6	82	21.7	87	64-131	5	20	ug/L	04.22.15 08:20	
Toluene	<0.0570	25.0	25.3	101	26.1	104	89-116	3	20	ug/L	04.22.15 08:20	
trans-1,2-Dichloroethene	<0.188	25.0	23.6	94	24.3	97	78-118	3	20	ug/L	04.22.15 08:20	
trans-1,3-Dichloropropene	<0.110	25.0	31.6	126	31.7	127	86-127	0	20	ug/L	04.22.15 08:20	
Trichloroethene	<0.139	25.0	24.4	98	25.4	102	82-119	4	20	ug/L	04.22.15 08:20	
Trichlorofluoromethane	<0.0540	25.0	25.5	102	25.7	103	46-144	1	20	ug/L	04.22.15 08:20	
Vinyl Acetate	<0.720	25.0	33.9	136	32.8	131	58-141	3	20	ug/L	04.22.15 08:20	
Vinyl Chloride	<0.0810	25.0	23.5	94	23.3	93	76-122	1	20	ug/L	04.22.15 08:20	
m,p-Xylenes	<0.176	50.0	47.6	95	50.9	102	90-125	7	20	ug/L	04.22.15 08:20	
o-Xylene	<0.122	25.0	23.2	93	24.8	99	86-119	7	20	ug/L	04.22.15 08:20	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	101		100		100		65-126	%	04.22.15 08:20
4-Bromofluorobenzene	99		109		107		86-111	%	04.22.15 08:20
Toluene-D8	92		102		103		83-116	%	04.22.15 08:20

QC Summary 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP
Seq Number: 966664 Matrix: Water Date Prep: 04.23.15
MB Sample Id: 691659-1-BLK LCS Sample Id: 691659-1-BKS LCSD Sample Id: 691659-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1,2-Tetrachloroethane	<0.180	25.0	24.4	98	25.8	103	75-127	6	20	ug/L	04.23.15 08:42	
1,1,1-Trichloroethane	<0.0760	25.0	24.0	96	26.4	106	62-128	10	20	ug/L	04.23.15 08:42	
1,1,2,2-Tetrachloroethane	<0.0700	25.0	24.4	98	23.3	93	77-129	5	20	ug/L	04.23.15 08:42	
1,1,2-Trichloroethane	<0.113	25.0	25.8	103	23.8	95	86-120	8	20	ug/L	04.23.15 08:42	
1,1-Dichloroethane	<0.121	25.0	23.0	92	24.8	99	82-114	8	20	ug/L	04.23.15 08:42	
1,1-Dichloroethene	<0.104	25.0	22.5	90	24.7	99	73-123	9	20	ug/L	04.23.15 08:42	
1,1-Dichloropropene	<0.0600	25.0	23.0	92	25.0	100	83-125	8	20	ug/L	04.23.15 08:42	
1,2,3-Trichlorobenzene	<0.118	25.0	24.6	98	24.8	99	57-127	1	20	ug/L	04.23.15 08:42	
1,2,3-Trichloropropane	<0.138	25.0	23.3	93	22.2	89	79-118	5	20	ug/L	04.23.15 08:42	
1,2,4-Trichlorobenzene	<0.0690	25.0	24.0	96	24.2	97	59-125	1	20	ug/L	04.23.15 08:42	
1,2,4-Trimethylbenzene	<0.103	25.0	22.3	89	22.3	89	84-118	0	20	ug/L	04.23.15 08:42	
1,2-Dibromoethane (EDB)	<0.180	25.0	25.7	103	23.7	95	83-126	8	20	ug/L	04.23.15 08:42	
1,2-Dichlorobenzene	<0.0940	25.0	23.0	92	23.5	94	83-128	2	0	ug/L	04.23.15 08:42	
1,2-Dichloroethane	<0.0900	25.0	25.7	103	24.9	100	56-133	3	20	ug/L	04.23.15 08:42	
1,2-Dichloropropane	<0.122	25.0	24.6	98	23.6	94	85-121	4	20	ug/L	04.23.15 08:42	
1,3,5-Trimethylbenzene	<0.0870	25.0	22.6	90	22.6	90	86-118	0	20	ug/L	04.23.15 08:42	
1,3-Dichlorobenzene	<0.0980	25.0	22.8	91	23.1	92	90-126	1	20	ug/L	04.23.15 08:42	
1,3-Dichloropropane	<0.133	25.0	26.4	106	22.8	91	85-121	15	20	ug/L	04.23.15 08:42	
1,4-Dichlorobenzene	<0.0670	25.0	22.8	91	23.1	92	88-121	1	20	ug/L	04.23.15 08:42	
2,2-Dichloropropane	<0.0970	25.0	22.0	88	24.8	99	76-126	12	20	ug/L	04.23.15 08:42	
2-Butanone (MEK)	<0.378	50.0	50.2	100	48.1	96	66-133	4	20	ug/L	04.23.15 08:42	
2-Chlorotoluene	<0.0880	25.0	23.0	92	22.6	90	80-128	2	20	ug/L	04.23.15 08:42	
2-Hexanone	<0.352	50.0	47.0	94	40.5	81	70-130	15	20	ug/L	04.23.15 08:42	
4-Chlorotoluene	<0.0900	25.0	23.7	95	22.5	90	82-130	5	20	ug/L	04.23.15 08:42	
4-Isopropyltoluene	<0.0890	25.0	22.3	89	22.6	90	80-128	1	0	ug/L	04.23.15 08:42	
4-Methyl-2-pentanone (MIBK)	<0.253	50.0	49.1	98	44.5	89	74-129	10	20	ug/L	04.23.15 08:42	
Acetone	<0.352	50.0	54.3	109	53.8	108	51-143	1	20	ug/L	04.23.15 08:42	
Benzene	<0.119	25.0	23.7	95	24.4	98	81-123	3	20	ug/L	04.23.15 08:42	
Bromobenzene	<0.132	25.0	23.7	95	22.5	90	84-114	5	20	ug/L	04.23.15 08:42	
Bromochloromethane	<0.112	25.0	24.3	97	28.9	116	89-127	17	20	ug/L	04.23.15 08:42	
Bromodichloromethane	<0.124	25.0	26.5	106	25.4	102	79-129	4	20	ug/L	04.23.15 08:42	
Bromoform	<0.159	25.0	24.9	100	23.3	93	73-140	7	20	ug/L	04.23.15 08:42	
Bromomethane	<0.0970	25.0	28.4	114	31.4	126	53-143	10	20	ug/L	04.23.15 08:42	
Carbon tetrachloride	<0.0990	25.0	26.3	105	29.2	117	66-136	10	20	ug/L	04.23.15 08:42	
Chlorobenzene	<0.105	25.0	24.3	97	23.9	96	88-118	2	20	ug/L	04.23.15 08:42	
Chlorodibromomethane	<0.177	25.0	28.2	113	26.6	106	73-139	6	0	ug/L	04.23.15 08:42	
Chloroethane	<0.0420	25.0	22.5	90	24.0	96	70-123	6	20	ug/L	04.23.15 08:42	
Chloroform	<0.172	25.0	23.2	93	28.4	114	72-118	20	20	ug/L	04.23.15 08:42	
Chloromethane	<0.0850	25.0	23.7	95	26.4	106	65-125	11	20	ug/L	04.23.15 08:42	
cis-1,2-Dichloroethene	<0.114	25.0	22.4	90	24.0	96	85-125	7	20	ug/L	04.23.15 08:42	
cis-1,3-Dichloropropene	<0.100	25.0	27.0	108	24.1	96	92-126	11	20	ug/L	04.23.15 08:42	
Dichlorodifluoromethane	<0.0670	25.0	30.6	122	33.7	135	48-143	10	20	ug/L	04.23.15 08:42	
Ethanol	<3.00	1000	976	98	973	97	61-133	0	20	ug/L	04.23.15 08:42	
Ethylbenzene	<0.0920	25.0	23.4	94	23.5	94	87-123	0	20	ug/L	04.23.15 08:42	
Isopropyl ether	<0.0920	25.0	22.7	91	24.1	96	77-125	6	20	ug/L	04.23.15 08:42	
Isopropylbenzene	<0.0980	25.0	22.9	92	22.5	90	82-115	2	20	ug/L	04.23.15 08:42	
Methyl tert-butyl ether (MTBE)	<0.169	50.0	46.3	93	49.0	98	53-149	6	20	ug/L	04.23.15 08:42	
Methylene Chloride	<0.190	25.0	25.9	104	27.7	111	75-119	7	20	ug/L	04.23.15 08:42	
Naphthalene	<0.0940	25.0	25.4	102	24.8	99	52-116	2	20	ug/L	04.23.15 08:42	
n-Butylbenzene	<0.0600	25.0	22.6	90	23.2	93	83-130	3	20	ug/L	04.23.15 08:42	
n-Propylbenzene	<0.0650	25.0	22.9	92	22.1	88	84-122	4	20	ug/L	04.23.15 08:42	
sec-Butylbenzene	<0.0920	25.0	21.9	88	21.7	87	86-120	1	20	ug/L	04.23.15 08:42	

QC Summary 506119

Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Seq Number: 966664 Matrix: Water Date Prep: 04.23.15

MB Sample Id: 691659-1-BLK LCS Sample Id: 691659-1-BKS LCSD Sample Id: 691659-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Styrene	<0.0740	25.0	23.6	94	23.5	94	85-123	0	20	ug/L	04.23.15 08:42	
tert-Butylbenzene	<0.0890	25.0	22.0	88	22.5	90	79-126	2	20	ug/L	04.23.15 08:42	
Tetrachloroethene (PCE)	<0.0540	25.0	19.7	79	19.9	80	64-131	1	20	ug/L	04.23.15 08:42	
Toluene	<0.0570	25.0	24.2	97	24.1	96	89-116	0	20	ug/L	04.23.15 08:42	
trans-1,2-Dichloroethene	<0.188	25.0	22.5	90	25.0	100	78-118	11	20	ug/L	04.23.15 08:42	
trans-1,3-Dichloropropene	<0.110	25.0	28.6	114	24.7	99	86-127	15	20	ug/L	04.23.15 08:42	
Trichloroethene	<0.139	25.0	23.4	94	23.6	94	82-119	1	20	ug/L	04.23.15 08:42	
Trichlorofluoromethane	<0.0540	25.0	25.6	102	27.9	112	46-144	9	20	ug/L	04.23.15 08:42	
Vinyl Acetate	<0.720	25.0	30.0	120	28.4	114	58-141	5	20	ug/L	04.23.15 08:42	
Vinyl Chloride	<0.0810	25.0	23.7	95	25.9	104	76-122	9	20	ug/L	04.23.15 08:42	
m,p-Xylenes	<0.176	50.0	47.1	94	47.5	95	90-125	1	20	ug/L	04.23.15 08:42	
o-Xylene	<0.122	25.0	22.6	90	24.0	96	86-119	6	20	ug/L	04.23.15 08:42	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	100		102		102		65-126	%	04.23.15 08:42
4-Bromofluorobenzene	104		104		96		86-111	%	04.23.15 08:42
Toluene-D8	100		102		104		83-116	%	04.23.15 08:42

QC Summary 506119

Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Seq Number: 966507 Matrix: Ground Water Date Prep: 04.19.15

Parent Sample Id: 506119-007 MS Sample Id: 506119-007 S MSD Sample Id: 506119-007 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1,2-Tetrachloroethane	<0.180	25.0	27.8	111	27.2	109	76-126	2	20	ug/L	04.20.15 02:28	
1,1,1-Trichloroethane	<0.0760	25.0	26.6	106	26.5	106	63-128	0	20	ug/L	04.20.15 02:28	
1,1,2,2-Tetrachloroethane	<0.0700	25.0	27.0	108	27.9	112	79-133	3	20	ug/L	04.20.15 02:28	
1,1,2-Trichloroethane	<0.113	25.0	26.5	106	26.4	106	82-126	0	20	ug/L	04.20.15 02:28	
1,1-Dichloroethane	<0.121	25.0	25.5	102	25.9	104	77-120	2	20	ug/L	04.20.15 02:28	
1,1-Dichloroethene	<0.104	25.0	22.9	92	22.4	90	67-123	2	20	ug/L	04.20.15 02:28	
1,1-Dichloropropene	<0.0600	25.0	26.6	106	26.4	106	76-126	1	20	ug/L	04.20.15 02:28	
1,2,3-Trichlorobenzene	<0.118	25.0	27.6	110	28.8	115	41-136	4	20	ug/L	04.20.15 02:28	
1,2,3-Trichloropropane	<0.138	25.0	27.2	109	28.2	113	77-125	4	20	ug/L	04.20.15 02:28	
1,2,4-Trichlorobenzene	<0.0690	25.0	23.1	92	23.6	94	41-132	2	20	ug/L	04.20.15 02:28	
1,2,4-Trimethylbenzene	<0.103	25.0	28.1	112	27.9	112	53-141	1	20	ug/L	04.20.15 02:28	
1,2-Dibromoethane (EDB)	<0.180	25.0	26.2	105	26.9	108	82-130	3	20	ug/L	04.20.15 02:28	
1,2-Dichlorobenzene	<0.0940	25.0	25.9	104	25.5	102	83-128	2	0	ug/L	04.20.15 02:28	
1,2-Dichloroethane	<0.0900	25.0	28.5	114	28.8	115	59-134	1	20	ug/L	04.20.15 02:28	
1,2-Dichloropropane	<0.122	25.0	26.2	105	26.7	107	79-125	2	20	ug/L	04.20.15 02:28	
1,3,5-Trimethylbenzene	<0.0870	25.0	27.9	112	27.7	111	69-125	1	20	ug/L	04.20.15 02:28	
1,3-Dichlorobenzene	<0.0980	25.0	25.6	102	25.8	103	83-126	1	20	ug/L	04.20.15 02:28	
1,3-Dichloropropane	<0.133	25.0	26.8	107	27.7	111	85-124	3	20	ug/L	04.20.15 02:28	
1,4-Dichlorobenzene	<0.0670	25.0	24.4	98	24.7	99	82-121	1	20	ug/L	04.20.15 02:28	
2,2-Dichloropropane	<0.0970	25.0	20.2	81	19.6	78	56-122	3	20	ug/L	04.20.15 02:28	
2-Butanone (MEK)	<0.378	50.0	58.2	116	58.8	118	66-136	1	20	ug/L	04.20.15 02:28	
2-Chlorotoluene	<0.0880	25.0	27.2	109	27.3	109	73-129	0	20	ug/L	04.20.15 02:28	
2-Hexanone	<0.352	50.0	53.7	107	55.4	111	63-140	3	20	ug/L	04.20.15 02:28	
4-Chlorotoluene	<0.0900	25.0	27.6	110	28.0	112	76-129	1	20	ug/L	04.20.15 02:28	
4-Isopropyltoluene	<0.0890	25.0	24.3	97	23.9	96	73-126	2	0	ug/L	04.20.15 02:28	
4-Methyl-2-pentanone (MIBK)	<0.253	50.0	60.6	121	61.9	124	71-140	2	20	ug/L	04.20.15 02:28	
Acetone	<0.352	50.0	64.4	129	66.5	133	47-138	3	20	ug/L	04.20.15 02:28	
Benzene	<0.119	25.0	23.9	96	24.0	96	70-135	0	20	ug/L	04.20.15 02:28	
Bromobenzene	<0.132	25.0	26.6	106	26.7	107	76-120	0	20	ug/L	04.20.15 02:28	
Bromochloromethane	<0.112	25.0	23.5	94	24.1	96	83-132	3	20	ug/L	04.20.15 02:28	
Bromodichloromethane	<0.124	25.0	27.8	111	28.0	112	66-132	1	20	ug/L	04.20.15 02:28	
Bromoform	<0.159	25.0	26.7	107	27.7	111	63-143	4	20	ug/L	04.20.15 02:28	
Bromomethane	<0.0970	25.0	19.1	76	20.2	81	60-134	6	20	ug/L	04.20.15 02:28	
Carbon tetrachloride	<0.0990	25.0	26.8	107	26.2	105	59-139	2	20	ug/L	04.20.15 02:28	
Chlorobenzene	<0.105	25.0	25.1	100	24.9	100	83-120	1	20	ug/L	04.20.15 02:28	
Chlorodibromomethane	<0.177	25.0	28.1	112	28.1	112	68-140	0	0	ug/L	04.20.15 02:28	
Chloroethane	<0.0420	25.0	22.9	92	23.0	92	67-125	0	20	ug/L	04.20.15 02:28	
Chloroform	<0.172	25.0	26.0	104	26.4	106	72-120	2	20	ug/L	04.20.15 02:28	
Chloromethane	<0.0850	25.0	17.9	72	18.3	73	59-128	2	20	ug/L	04.20.15 02:28	
cis-1,2-Dichloroethene	<0.114	25.0	24.3	97	24.1	96	80-125	1	20	ug/L	04.20.15 02:28	
cis-1,3-Dichloropropene	<0.100	25.0	26.7	107	27.4	110	74-122	3	20	ug/L	04.20.15 02:28	
Dichlorodifluoromethane	<0.0670	25.0	12.9	52	13.5	54	48-138	5	20	ug/L	04.20.15 02:28	
Ethanol	<3.00	1000	1090	109	1240	124	55-140	13	20	ug/L	04.20.15 02:28	
Ethylbenzene	<0.0920	25.0	26.7	107	26.4	106	70-140	1	20	ug/L	04.20.15 02:28	
Isopropyl ether	<0.0920	25.0	25.3	101	25.5	102	77-125	1	20	ug/L	04.20.15 02:28	
Isopropylbenzene	<0.0980	25.0	28.2	113	28.1	112	75-117	0	20	ug/L	04.20.15 02:28	
Methyl tert-butyl ether (MTBE)	17.8	50.0	67.9	100	69.9	104	51-155	3	20	ug/L	04.20.15 02:28	
Methylene Chloride	<0.190	25.0	22.5	90	23.0	92	75-119	2	20	ug/L	04.20.15 02:28	
Naphthalene	<0.0940	25.0	22.2	89	24.0	96	34-135	8	20	ug/L	04.20.15 02:28	
n-Butylbenzene	<0.0600	25.0	24.9	100	24.3	97	73-128	2	20	ug/L	04.20.15 02:28	
n-Propylbenzene	<0.0650	25.0	26.9	108	27.0	108	75-125	0	20	ug/L	04.20.15 02:28	
sec-Butylbenzene	<0.0920	25.0	27.6	110	27.8	111	77-122	1	20	ug/L	04.20.15 02:28	

QC Summary 506119

Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Seq Number: 966507 Matrix: Ground Water Date Prep: 04.19.15

Parent Sample Id: 506119-007 MS Sample Id: 506119-007 S MSD Sample Id: 506119-007 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Styrene	<0.0740	25.0	28.6	114	28.1	112	54-137	2	20	ug/L	04.20.15 02:28	
tert-Butylbenzene	<0.0890	25.0	28.8	115	29.3	117	74-124	2	20	ug/L	04.20.15 02:28	
Tetrachloroethene (PCE)	<0.0540	25.0	19.9	80	19.5	78	57-130	2	20	ug/L	04.20.15 02:28	
Toluene	<0.0570	25.0	22.0	88	21.9	88	81-125	0	20	ug/L	04.20.15 02:28	
trans-1,2-Dichloroethene	<0.188	25.0	23.2	93	22.5	90	69-122	3	20	ug/L	04.20.15 02:28	
trans-1,3-Dichloropropene	<0.110	25.0	28.4	114	29.2	117	73-129	3	20	ug/L	04.20.15 02:28	
Trichloroethene	<0.139	25.0	25.5	102	24.5	98	73-124	4	20	ug/L	04.20.15 02:28	
Trichlorofluoromethane	<0.0540	25.0	23.6	94	23.3	93	49-139	1	20	ug/L	04.20.15 02:28	
Vinyl Acetate	<0.720	25.0	24.8	99	24.7	99	57-134	0	20	ug/L	04.20.15 02:28	
Vinyl Chloride	<0.0810	25.0	19.9	80	20.5	82	70-121	3	20	ug/L	04.20.15 02:28	
m,p-Xylenes	<0.176	50.0	52.5	105	50.9	102	65-151	3	20	ug/L	04.20.15 02:28	
o-Xylene	<0.122	25.0	27.2	109	26.6	106	58-148	2	20	ug/L	04.20.15 02:28	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	122		120		65-126	%	04.20.15 02:28
4-Bromofluorobenzene	102		102		86-111	%	04.20.15 02:28
Toluene-D8	102		104		83-116	%	04.20.15 02:28

QC Summary 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP
Seq Number: 966444 Matrix: Ground Water Date Prep: 04.20.15
Parent Sample Id: 506119-021 MS Sample Id: 506119-021 S MSD Sample Id: 506119-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1,2-Tetrachloroethane	<0.180	25.0	24.2	97	23.4	94	76-126	3	20	ug/L	04.20.15 15:52	
1,1,1-Trichloroethane	<0.0760	25.0	24.2	97	23.3	93	63-128	4	20	ug/L	04.20.15 15:52	
1,1,2,2-Tetrachloroethane	<0.0700	25.0	23.5	94	24.0	96	79-133	2	20	ug/L	04.20.15 15:52	
1,1,2-Trichloroethane	<0.113	25.0	23.7	95	24.0	96	82-126	1	20	ug/L	04.20.15 15:52	
1,1-Dichloroethane	<0.121	25.0	23.3	93	22.1	88	77-120	5	20	ug/L	04.20.15 15:52	
1,1-Dichloroethene	<0.104	25.0	22.8	91	21.5	86	67-123	6	20	ug/L	04.20.15 15:52	
1,1-Dichloropropene	<0.0600	25.0	23.3	93	22.5	90	76-126	3	20	ug/L	04.20.15 15:52	
1,2,3-Trichlorobenzene	<0.118	25.0	24.8	99	26.0	104	41-136	5	20	ug/L	04.20.15 15:52	
1,2,3-Trichloropropane	<0.138	25.0	22.3	89	23.1	92	77-125	4	20	ug/L	04.20.15 15:52	
1,2,4-Trichlorobenzene	<0.0690	25.0	25.0	100	25.7	103	41-132	3	20	ug/L	04.20.15 15:52	
1,2,4-Trimethylbenzene	<0.103	25.0	24.4	98	23.3	93	53-141	5	20	ug/L	04.20.15 15:52	
1,2-Dibromoethane (EDB)	<0.180	25.0	24.0	96	24.0	96	82-130	0	20	ug/L	04.20.15 15:52	
1,2-Dichlorobenzene	<0.0940	25.0	23.8	95	23.3	93	83-128	2	0	ug/L	04.20.15 15:52	
1,2-Dichloroethane	<0.0900	25.0	23.9	96	23.9	96	59-134	0	20	ug/L	04.20.15 15:52	
1,2-Dichloropropane	<0.122	25.0	23.6	94	23.0	92	79-125	3	20	ug/L	04.20.15 15:52	
1,3,5-Trimethylbenzene	<0.0870	25.0	24.5	98	23.4	94	69-125	5	20	ug/L	04.20.15 15:52	
1,3-Dichlorobenzene	<0.0980	25.0	24.1	96	23.0	92	83-126	5	20	ug/L	04.20.15 15:52	
1,3-Dichloropropane	<0.133	25.0	23.5	94	23.9	96	85-124	2	20	ug/L	04.20.15 15:52	
1,4-Dichlorobenzene	<0.0670	25.0	23.6	94	22.8	91	82-121	3	20	ug/L	04.20.15 15:52	
2,2-Dichloropropane	<0.0970	25.0	23.2	93	22.3	89	56-122	4	20	ug/L	04.20.15 15:52	
2-Butanone (MEK)	<0.378	50.0	41.6	83	47.1	94	66-136	12	20	ug/L	04.20.15 15:52	
2-Chlorotoluene	<0.0880	25.0	24.3	97	23.1	92	73-129	5	20	ug/L	04.20.15 15:52	
2-Hexanone	<0.352	50.0	38.5	77	41.7	83	63-140	8	20	ug/L	04.20.15 15:52	
4-Chlorotoluene	<0.0900	25.0	24.4	98	23.1	92	76-129	5	20	ug/L	04.20.15 15:52	
4-Isopropyltoluene	<0.0890	25.0	24.1	96	23.9	96	73-126	1	0	ug/L	04.20.15 15:52	
4-Methyl-2-pentanone (MIBK)	<0.253	50.0	44.4	89	46.8	94	71-140	5	20	ug/L	04.20.15 15:52	
Acetone	<0.352	50.0	41.7	83	45.4	91	47-138	8	20	ug/L	04.20.15 15:52	
Benzene	<0.119	25.0	23.5	94	22.3	89	70-135	5	20	ug/L	04.20.15 15:52	
Bromobenzene	<0.132	25.0	23.9	96	23.0	92	76-120	4	20	ug/L	04.20.15 15:52	
Bromochloromethane	<0.112	25.0	24.6	98	24.8	99	83-132	1	20	ug/L	04.20.15 15:52	
Bromodichloromethane	<0.124	25.0	24.5	98	24.7	99	66-132	1	20	ug/L	04.20.15 15:52	
Bromoform	<0.159	25.0	22.3	89	22.5	90	63-143	1	20	ug/L	04.20.15 15:52	
Bromomethane	<0.0970	25.0	28.6	114	27.9	112	60-134	2	20	ug/L	04.20.15 15:52	
Carbon tetrachloride	<0.0990	25.0	26.2	105	25.2	101	59-139	4	20	ug/L	04.20.15 15:52	
Chlorobenzene	<0.105	25.0	23.6	94	22.9	92	83-120	3	20	ug/L	04.20.15 15:52	
Chlorodibromomethane	<0.177	25.0	25.2	101	25.4	102	68-140	1	0	ug/L	04.20.15 15:52	
Chloroethane	<0.0420	25.0	22.8	91	22.0	88	67-125	4	20	ug/L	04.20.15 15:52	
Chloroform	<0.172	25.0	26.2	105	25.3	101	72-120	3	20	ug/L	04.20.15 15:52	
Chloromethane	<0.0850	25.0	24.4	98	22.8	91	59-128	7	20	ug/L	04.20.15 15:52	
cis-1,2-Dichloroethene	<0.114	25.0	22.4	90	22.0	88	80-125	2	20	ug/L	04.20.15 15:52	
cis-1,3-Dichloropropene	<0.100	25.0	24.2	97	24.4	98	74-122	1	20	ug/L	04.20.15 15:52	
Dichlorodifluoromethane	<0.0670	25.0	28.8	115	27.7	111	48-138	4	20	ug/L	04.20.15 15:52	
Ethanol	<3.00	1000	898	90	990	99	55-140	10	20	ug/L	04.20.15 15:52	
Ethylbenzene	<0.0920	25.0	23.5	94	22.5	90	70-140	4	20	ug/L	04.20.15 15:52	
Isopropyl ether	<0.0920	25.0	22.7	91	22.1	88	77-125	3	20	ug/L	04.20.15 15:52	
Isopropylbenzene	<0.0980	25.0	24.5	98	23.6	94	75-117	4	20	ug/L	04.20.15 15:52	
Methyl tert-butyl ether (MTBE)	24.2	50.0	68.8	89	69.3	90	51-155	1	20	ug/L	04.20.15 15:52	
Methylene Chloride	<0.190	25.0	25.5	102	24.8	99	75-119	3	20	ug/L	04.20.15 15:52	
Naphthalene	<0.0940	25.0	25.2	101	26.6	106	34-135	5	20	ug/L	04.20.15 15:52	
n-Butylbenzene	<0.0600	25.0	24.1	96	24.4	98	73-128	1	20	ug/L	04.20.15 15:52	
n-Propylbenzene	<0.0650	25.0	24.2	97	23.1	92	75-125	5	20	ug/L	04.20.15 15:52	
sec-Butylbenzene	<0.0920	25.0	23.9	96	23.5	94	77-122	2	20	ug/L	04.20.15 15:52	

QC Summary 506119

Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Seq Number: 966444 Matrix: Ground Water Date Prep: 04.20.15

Parent Sample Id: 506119-021 MS Sample Id: 506119-021 S MSD Sample Id: 506119-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Styrene	<0.0740	25.0	23.2	93	22.5	90	54-137	3	20	ug/L	04.20.15 15:52	
tert-Butylbenzene	<0.0890	25.0	23.9	96	23.2	93	74-124	3	20	ug/L	04.20.15 15:52	
Tetrachloroethene (PCE)	0.320	25.0	20.7	82	19.4	76	57-130	6	20	ug/L	04.20.15 15:52	
Toluene	<0.0570	25.0	23.8	95	22.9	92	81-125	4	20	ug/L	04.20.15 15:52	
trans-1,2-Dichloroethene	<0.188	25.0	23.2	93	21.7	87	69-122	7	20	ug/L	04.20.15 15:52	
trans-1,3-Dichloropropene	<0.110	25.0	25.4	102	25.2	101	73-129	1	20	ug/L	04.20.15 15:52	
Trichloroethene	<0.139	25.0	22.5	90	22.4	90	73-124	0	20	ug/L	04.20.15 15:52	
Trichlorofluoromethane	<0.0540	25.0	25.5	102	24.7	99	49-139	3	20	ug/L	04.20.15 15:52	
Vinyl Acetate	<0.720	25.0	27.3	109	27.4	110	57-134	0	20	ug/L	04.20.15 15:52	
Vinyl Chloride	<0.0810	25.0	23.9	96	23.1	92	70-121	3	20	ug/L	04.20.15 15:52	
m,p-Xylenes	<0.176	50.0	47.6	95	45.1	90	65-151	5	20	ug/L	04.20.15 15:52	
o-Xylene	<0.122	25.0	23.6	94	22.3	89	58-148	6	20	ug/L	04.20.15 15:52	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	101		102		65-126	%	04.20.15 15:52
4-Bromofluorobenzene	102		100		86-111	%	04.20.15 15:52
Toluene-D8	103		102		83-116	%	04.20.15 15:52

QC Summary 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP
Seq Number: 966590 Matrix: Ground Water Date Prep: 04.22.15
Parent Sample Id: 506047-028 MS Sample Id: 506047-028 S MSD Sample Id: 506047-028 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1,2-Tetrachloroethane	<0.180	25.0	28.9	116	25.5	102	76-126	13	20	ug/L	04.22.15 15:22	
1,1,1-Trichloroethane	<0.0760	25.0	28.5	114	24.5	98	63-128	15	20	ug/L	04.22.15 15:22	
1,1,2,2-Tetrachloroethane	<0.0700	25.0	27.4	110	28.2	113	79-133	3	20	ug/L	04.22.15 15:22	
1,1,2-Trichloroethane	<0.113	25.0	27.3	109	27.5	110	82-126	1	20	ug/L	04.22.15 15:22	
1,1-Dichloroethane	<0.121	25.0	27.0	108	23.5	94	77-120	14	20	ug/L	04.22.15 15:22	
1,1-Dichloroethene	<0.104	25.0	25.7	103	22.5	90	67-123	13	20	ug/L	04.22.15 15:22	
1,1-Dichloropropene	<0.0600	25.0	26.4	106	23.6	94	76-126	11	20	ug/L	04.22.15 15:22	
1,2,3-Trichlorobenzene	<0.118	25.0	24.7	99	22.9	92	41-136	8	20	ug/L	04.22.15 15:22	
1,2,3-Trichloropropane	<0.138	25.0	24.9	100	27.8	111	77-125	11	20	ug/L	04.22.15 15:22	
1,2,4-Trichlorobenzene	<0.0690	25.0	23.2	93	20.8	83	41-132	11	20	ug/L	04.22.15 15:22	
1,2,4-Trimethylbenzene	<0.103	25.0	23.4	94	22.5	90	53-141	4	20	ug/L	04.22.15 15:22	
1,2-Dibromoethane (EDB)	<0.180	25.0	27.0	108	28.1	112	82-130	4	20	ug/L	04.22.15 15:22	
1,2-Dichlorobenzene	<0.0940	25.0	25.8	103	24.0	96	83-128	7	0	ug/L	04.22.15 15:22	
1,2-Dichloroethane	<0.0900	25.0	27.1	108	27.0	108	59-134	0	20	ug/L	04.22.15 15:22	
1,2-Dichloropropane	<0.122	25.0	26.3	105	25.8	103	79-125	2	20	ug/L	04.22.15 15:22	
1,3,5-Trimethylbenzene	<0.0870	25.0	23.2	93	22.3	89	69-125	4	20	ug/L	04.22.15 15:22	
1,3-Dichlorobenzene	<0.0980	25.0	24.5	98	23.4	94	83-126	5	20	ug/L	04.22.15 15:22	
1,3-Dichloropropane	<0.133	25.0	26.4	106	28.0	112	85-124	6	20	ug/L	04.22.15 15:22	
1,4-Dichlorobenzene	<0.0670	25.0	24.7	99	23.7	95	82-121	4	20	ug/L	04.22.15 15:22	
2,2-Dichloropropane	<0.0970	25.0	16.9	68	14.3	57	56-122	17	20	ug/L	04.22.15 15:22	
2-Butanone (MEK)	<0.378	50.0	51.9	104	54.8	110	66-136	5	20	ug/L	04.22.15 15:22	
2-Chlorotoluene	<0.0880	25.0	24.5	98	23.8	95	73-129	3	20	ug/L	04.22.15 15:22	
2-Hexanone	<0.352	50.0	47.4	95	53.4	107	63-140	12	20	ug/L	04.22.15 15:22	
4-Chlorotoluene	<0.0900	25.0	24.4	98	24.4	98	76-129	0	20	ug/L	04.22.15 15:22	
4-Isopropyltoluene	<0.0890	25.0	20.3	81	19.4	78	73-126	5	0	ug/L	04.22.15 15:22	
4-Methyl-2-pentanone (MIBK)	<0.253	50.0	68.6	137	71.1	142	71-140	4	20	ug/L	04.22.15 15:22	X
Acetone	<0.352	50.0	84.5	169	87.8	176	47-138	4	20	ug/L	04.22.15 15:22	X
Benzene	<0.119	25.0	26.3	105	24.3	97	70-135	8	20	ug/L	04.22.15 15:22	
Bromobenzene	<0.132	25.0	25.2	101	25.7	103	76-120	2	20	ug/L	04.22.15 15:22	
Bromochloromethane	<0.112	25.0	30.9	124	25.5	102	83-132	19	20	ug/L	04.22.15 15:22	
Bromodichloromethane	<0.124	25.0	27.7	111	27.8	111	66-132	0	20	ug/L	04.22.15 15:22	
Bromoform	<0.159	25.0	25.3	101	27.0	108	63-143	7	20	ug/L	04.22.15 15:22	
Bromomethane	<0.0970	25.0	31.9	128	28.0	112	60-134	13	20	ug/L	04.22.15 15:22	
Carbon tetrachloride	<0.0990	25.0	29.3	117	26.3	105	59-139	11	20	ug/L	04.22.15 15:22	
Chlorobenzene	<0.105	25.0	26.3	105	25.0	100	83-120	5	20	ug/L	04.22.15 15:22	
Chlorodibromomethane	<0.177	25.0	29.7	119	29.2	117	68-140	2	0	ug/L	04.22.15 15:22	
Chloroethane	<0.0420	25.0	25.8	103	22.7	91	67-125	13	20	ug/L	04.22.15 15:22	
Chloroform	<0.172	25.0	30.5	122	27.1	108	72-120	12	20	ug/L	04.22.15 15:22	X
Chloromethane	<0.0850	25.0	25.0	100	22.5	90	59-128	11	20	ug/L	04.22.15 15:22	
cis-1,2-Dichloroethene	<0.114	25.0	26.3	105	23.5	94	80-125	11	20	ug/L	04.22.15 15:22	
cis-1,3-Dichloropropene	<0.100	25.0	24.0	96	26.2	105	74-122	9	20	ug/L	04.22.15 15:22	
Dichlorodifluoromethane	<0.0670	25.0	25.3	101	20.7	83	48-138	20	20	ug/L	04.22.15 15:22	
Ethanol	<3.00	1000	1040	104	1020	102	55-140	2	20	ug/L	04.22.15 15:22	
Ethylbenzene	<0.0920	25.0	25.9	104	24.0	96	70-140	8	20	ug/L	04.22.15 15:22	
Isopropyl ether	<0.0920	25.0	26.7	107	24.7	99	77-125	8	20	ug/L	04.22.15 15:22	
Isopropylbenzene	<0.0980	25.0	24.1	96	22.9	92	75-117	5	20	ug/L	04.22.15 15:22	
Methyl tert-butyl ether (MTBE)	<0.169	50.0	54.3	109	50.5	101	51-155	7	20	ug/L	04.22.15 15:22	
Methylene Chloride	<0.190	25.0	30.4	122	26.8	107	75-119	13	20	ug/L	04.22.15 15:22	X
Naphthalene	<0.0940	25.0	31.3	125	29.4	118	34-135	6	20	ug/L	04.22.15 15:22	
n-Butylbenzene	<0.0600	25.0	18.7	75	17.5	70	73-128	7	20	ug/L	04.22.15 15:22	X
n-Propylbenzene	<0.0650	25.0	22.7	91	22.5	90	75-125	1	20	ug/L	04.22.15 15:22	
sec-Butylbenzene	<0.0920	25.0	19.8	79	18.7	75	77-122	6	20	ug/L	04.22.15 15:22	X

QC Summary 506119

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Seq Number: 966590 Matrix: Ground Water Date Prep: 04.22.15

Parent Sample Id: 506047-028 MS Sample Id: 506047-028 S MSD Sample Id: 506047-028 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Styrene	<0.0740	25.0	25.5	102	24.5	98	54-137	4	20	ug/L	04.22.15 15:22	
tert-Butylbenzene	<0.0890	25.0	22.0	88	21.1	84	74-124	4	20	ug/L	04.22.15 15:22	
Tetrachloroethene (PCE)	<0.0540	25.0	21.4	86	19.7	79	57-130	8	20	ug/L	04.22.15 15:22	
Toluene	<0.0570	25.0	26.9	108	24.7	99	81-125	9	20	ug/L	04.22.15 15:22	
trans-1,2-Dichloroethene	<0.188	25.0	26.3	105	23.1	92	69-122	13	20	ug/L	04.22.15 15:22	
trans-1,3-Dichloropropene	<0.110	25.0	25.7	103	27.6	110	73-129	7	20	ug/L	04.22.15 15:22	
Trichloroethene	<0.139	25.0	26.0	104	23.8	95	73-124	9	20	ug/L	04.22.15 15:22	
Trichlorofluoromethane	<0.0540	25.0	28.0	112	24.3	97	49-139	14	20	ug/L	04.22.15 15:22	
Vinyl Acetate	<0.720	25.0	18.5	74	18.9	76	57-134	2	20	ug/L	04.22.15 15:22	
Vinyl Chloride	<0.0810	25.0	26.2	105	22.3	89	70-121	16	20	ug/L	04.22.15 15:22	
m,p-Xylenes	<0.176	50.0	51.1	102	47.1	94	65-151	8	20	ug/L	04.22.15 15:22	
o-Xylene	<0.122	25.0	26.3	105	23.8	95	58-148	10	20	ug/L	04.22.15 15:22	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	100		99		65-126	%	04.22.15 15:22
4-Bromofluorobenzene	97		105		86-111	%	04.22.15 15:22
Toluene-D8	104		102		83-116	%	04.22.15 15:22

QC Summary 506119

XENCO Laboratories
Florida Testing Services, LLC

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP
Seq Number: 966664 Matrix: Ground Water Date Prep: 04.23.15
Parent Sample Id: 506127-002 MS Sample Id: 506127-002 S MSD Sample Id: 506127-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1,2-Tetrachloroethane	<0.180	25.0	20.9	84	20.1	80	76-126	4	20	ug/L	04.23.15 13:28	
1,1,1-Trichloroethane	<0.0760	25.0	19.3	77	18.7	75	63-128	3	20	ug/L	04.23.15 13:28	
1,1,2,2-Tetrachloroethane	<0.0700	25.0	21.9	88	21.8	87	79-133	0	20	ug/L	04.23.15 13:28	
1,1,2-Trichloroethane	<0.113	25.0	22.6	90	22.4	90	82-126	1	20	ug/L	04.23.15 13:28	
1,1-Dichloroethane	<0.121	25.0	18.6	74	17.8	71	77-120	4	20	ug/L	04.23.15 13:28	X
1,1-Dichloroethene	<0.104	25.0	17.5	70	16.2	65	67-123	8	20	ug/L	04.23.15 13:28	X
1,1-Dichloropropene	<0.0600	25.0	18.8	75	18.2	73	76-126	3	20	ug/L	04.23.15 13:28	X
1,2,3-Trichlorobenzene	<0.118	25.0	21.3	85	21.2	85	41-136	0	20	ug/L	04.23.15 13:28	
1,2,3-Trichloropropane	<0.138	25.0	21.1	84	21.6	86	77-125	2	20	ug/L	04.23.15 13:28	
1,2,4-Trichlorobenzene	<0.0690	25.0	21.4	86	20.8	83	41-132	3	20	ug/L	04.23.15 13:28	
1,2,4-Trimethylbenzene	2.30	25.0	23.2	84	22.6	81	53-141	3	20	ug/L	04.23.15 13:28	
1,2-Dibromoethane (EDB)	<0.180	25.0	23.3	93	22.8	91	82-130	2	20	ug/L	04.23.15 13:28	
1,2-Dichlorobenzene	<0.0940	25.0	20.6	82	20.1	80	83-128	2	0	ug/L	04.23.15 13:28	X
1,2-Dichloroethane	4.26	25.0	26.1	87	25.6	85	59-134	2	20	ug/L	04.23.15 13:28	
1,2-Dichloropropane	<0.122	25.0	21.7	87	20.9	84	79-125	4	20	ug/L	04.23.15 13:28	
1,3,5-Trimethylbenzene	<0.0870	25.0	21.7	87	21.0	84	69-125	3	20	ug/L	04.23.15 13:28	
1,3-Dichlorobenzene	<0.0980	25.0	21.3	85	20.7	83	83-126	3	20	ug/L	04.23.15 13:28	
1,3-Dichloropropane	<0.133	25.0	23.0	92	23.1	92	85-124	0	20	ug/L	04.23.15 13:28	
1,4-Dichlorobenzene	<0.0670	25.0	21.1	84	20.8	83	82-121	1	20	ug/L	04.23.15 13:28	
2,2-Dichloropropane	<0.0970	25.0	17.2	69	16.4	66	56-122	5	20	ug/L	04.23.15 13:28	
2-Butanone (MEK)	<0.378	50.0	42.8	86	43.3	87	66-136	1	20	ug/L	04.23.15 13:28	
2-Chlorotoluene	<0.0880	25.0	21.4	86	20.7	83	73-129	3	20	ug/L	04.23.15 13:28	
2-Hexanone	<0.352	50.0	41.3	83	40.9	82	63-140	1	20	ug/L	04.23.15 13:28	
4-Chlorotoluene	<0.0900	25.0	21.8	87	21.3	85	76-129	2	20	ug/L	04.23.15 13:28	
4-Isopropyltoluene	<0.0890	25.0	21.2	85	20.5	82	73-126	3	0	ug/L	04.23.15 13:28	
4-Methyl-2-pentanone (MIBK)	<0.253	50.0	43.1	86	43.1	86	71-140	0	20	ug/L	04.23.15 13:28	
Acetone	<0.352	50.0	48.7	97	50.0	100	47-138	3	20	ug/L	04.23.15 13:28	
Benzene	10.6	25.0	30.1	78	28.9	73	70-135	4	20	ug/L	04.23.15 13:28	
Bromobenzene	<0.132	25.0	22.0	88	21.4	86	76-120	3	20	ug/L	04.23.15 13:28	
Bromochloromethane	<0.112	25.0	20.4	82	21.4	86	83-132	5	20	ug/L	04.23.15 13:28	X
Bromodichloromethane	<0.124	25.0	22.5	90	21.9	88	66-132	3	20	ug/L	04.23.15 13:28	
Bromoform	<0.159	25.0	22.5	90	22.5	90	63-143	0	20	ug/L	04.23.15 13:28	
Bromomethane	<0.0970	25.0	18.4	74	18.9	76	60-134	3	20	ug/L	04.23.15 13:28	
Carbon tetrachloride	<0.0990	25.0	21.0	84	20.4	82	59-139	3	20	ug/L	04.23.15 13:28	
Chlorobenzene	<0.105	25.0	21.4	86	20.6	82	83-120	4	20	ug/L	04.23.15 13:28	X
Chlorodibromomethane	<0.177	25.0	24.3	97	23.5	94	68-140	3	0	ug/L	04.23.15 13:28	
Chloroethane	<0.0420	25.0	16.0	64	15.9	64	67-125	1	20	ug/L	04.23.15 13:28	X
Chloroform	<0.172	25.0	21.2	85	20.9	84	72-120	1	20	ug/L	04.23.15 13:28	
Chloromethane	<0.0850	25.0	14.2	57	13.3	53	59-128	7	20	ug/L	04.23.15 13:28	X
cis-1,2-Dichloroethene	<0.114	25.0	18.0	72	18.0	72	80-125	0	20	ug/L	04.23.15 13:28	X
cis-1,3-Dichloropropene	<0.100	25.0	23.6	94	22.9	92	74-122	3	20	ug/L	04.23.15 13:28	
Dichlorodifluoromethane	<0.0670	25.0	10.2	41	9.53	38	48-138	7	20	ug/L	04.23.15 13:28	X
Ethanol	<3.00	1000	816	82	784	78	55-140	4	20	ug/L	04.23.15 13:28	
Ethylbenzene	<0.0920	25.0	21.1	84	20.2	81	70-140	4	20	ug/L	04.23.15 13:28	
Isopropyl ether	<0.0920	25.0	19.5	78	18.9	76	77-125	3	20	ug/L	04.23.15 13:28	X
Isopropylbenzene	<0.0980	25.0	21.9	88	21.0	84	75-117	4	20	ug/L	04.23.15 13:28	
Methyl tert-butyl ether (MTBE)	16.5	50.0	53.9	75	53.2	73	51-155	1	20	ug/L	04.23.15 13:28	
Methylene Chloride	<0.190	25.0	20.4	82	19.9	80	75-119	2	20	ug/L	04.23.15 13:28	
Naphthalene	2.53	25.0	23.1	82	23.2	83	34-135	0	20	ug/L	04.23.15 13:28	
n-Butylbenzene	<0.0600	25.0	21.3	85	20.6	82	73-128	3	20	ug/L	04.23.15 13:28	
n-Propylbenzene	<0.0650	25.0	22.3	89	21.4	86	75-125	4	20	ug/L	04.23.15 13:28	
sec-Butylbenzene	<0.0920	25.0	20.8	83	20.1	80	77-122	3	20	ug/L	04.23.15 13:28	

QC Summary 506119

Terraquest Environmental Consultants, P.C.

Paul's Cash Grocery and Service

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Seq Number: 966664 Matrix: Ground Water Date Prep: 04.23.15

Parent Sample Id: 506127-002 MS Sample Id: 506127-002 S MSD Sample Id: 506127-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Styrene	<0.0740	25.0	21.5	86	20.6	82	54-137	4	20	ug/L	04.23.15 13:28	
tert-Butylbenzene	<0.0890	25.0	21.2	85	20.3	81	74-124	4	20	ug/L	04.23.15 13:28	
Tetrachloroethene (PCE)	<0.0540	25.0	16.9	68	16.5	66	57-130	2	20	ug/L	04.23.15 13:28	
Toluene	<0.0570	25.0	20.8	83	19.9	80	81-125	4	20	ug/L	04.23.15 13:28	X
trans-1,2-Dichloroethene	<0.188	25.0	17.9	72	17.0	68	69-122	5	20	ug/L	04.23.15 13:28	X
trans-1,3-Dichloropropene	<0.110	25.0	24.7	99	24.3	97	73-129	2	20	ug/L	04.23.15 13:28	
Trichloroethene	<0.139	25.0	19.4	78	18.7	75	73-124	4	20	ug/L	04.23.15 13:28	
Trichlorofluoromethane	<0.0540	25.0	18.3	73	18.0	72	49-139	2	20	ug/L	04.23.15 13:28	
Vinyl Acetate	<0.720	25.0	25.0	100	25.1	100	57-134	0	20	ug/L	04.23.15 13:28	
Vinyl Chloride	<0.0810	25.0	15.1	60	14.8	59	70-121	2	20	ug/L	04.23.15 13:28	X
m,p-Xylenes	<0.176	50.0	41.7	83	40.2	80	65-151	4	20	ug/L	04.23.15 13:28	
o-Xylene	<0.122	25.0	20.2	81	19.5	78	58-148	4	20	ug/L	04.23.15 13:28	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	98		98		65-126	%	04.23.15 13:28
4-Bromofluorobenzene	108		109		86-111	%	04.23.15 13:28
Toluene-D8	102		98		83-116	%	04.23.15 13:28

Blank Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **691449-1-BLK** Matrix: WATER

Lab Sample Id: **691449-1-BLK**

Analytical Method: **Nitrogen, Nitrate-Nitrite by EPA 353.2** Prep Method: E353.2P

Tech: BFO

Analyst: BFO Date Prep: 04.20.15 11:40

Seq Number: 966385 **SUB: E871002**

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Nitrate-Nitrite	7727-37-9	U	0.100	0.0218	mg/L	04.20.15 15:20	U	1

Blank Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **691501-1-BLK** Matrix: WATER

Lab Sample Id: **691501-1-BLK**

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Tech: ZHO

Analyst: ZHO Date Prep: 04.20.15 07:00

Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.20.15 09:45	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.20.15 09:45	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.20.15 09:45	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.20.15 09:45	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.20.15 09:45	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.20.15 09:45	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.20.15 09:45	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.20.15 09:45	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.20.15 09:45	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.20.15 09:45	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.20.15 09:45	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.20.15 09:45	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.20.15 09:45	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.20.15 09:45	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.20.15 09:45	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.20.15 09:45	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.20.15 09:45	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.20.15 09:45	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.20.15 09:45	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.20.15 09:45	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.20.15 09:45	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.20.15 09:45	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.20.15 09:45	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.20.15 09:45	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.20.15 09:45	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.20.15 09:45	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.20.15 09:45	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.20.15 09:45	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.20.15 09:45	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.20.15 09:45	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.20.15 09:45	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.20.15 09:45	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.20.15 09:45	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.20.15 09:45	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.20.15 09:45	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.20.15 09:45	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.20.15 09:45	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.20.15 09:45	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.20.15 09:45	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.20.15 09:45	U	1

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Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **691501-1-BLK** Matrix: WATER

Lab Sample Id: **691501-1-BLK**

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Tech: ZHO

Analyst: ZHO Date Prep: 04.20.15 07:00

Seq Number: 966444

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.20.15 09:45	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.20.15 09:45	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.20.15 09:45	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.20.15 09:45	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.20.15 09:45	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.20.15 09:45	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.20.15 09:45	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.20.15 09:45	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.20.15 09:45	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.20.15 09:45	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.20.15 09:45	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.20.15 09:45	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.20.15 09:45	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.20.15 09:45	U	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.20.15 09:45	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.20.15 09:45	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.20.15 09:45	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.20.15 09:45	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.20.15 09:45	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.20.15 09:45	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.20.15 09:45	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.20.15 09:45	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.20.15 09:45	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.20.15 09:45	U	1

XENCO Laboratories
Florida Testing Services, LLC

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Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **691538-1-BLK** Matrix: WATER

Lab Sample Id: **691538-1-BLK**

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Tech: ZHO

Analyst: ZHO Date Prep: 04.19.15 15:36

Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.19.15 19:07	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.19.15 19:07	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.19.15 19:07	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.19.15 19:07	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.19.15 19:07	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.19.15 19:07	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.19.15 19:07	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.19.15 19:07	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.19.15 19:07	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.19.15 19:07	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.19.15 19:07	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.19.15 19:07	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.19.15 19:07	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.19.15 19:07	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.19.15 19:07	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.19.15 19:07	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.19.15 19:07	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.19.15 19:07	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.19.15 19:07	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.19.15 19:07	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.19.15 19:07	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.19.15 19:07	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.19.15 19:07	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.19.15 19:07	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.19.15 19:07	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.19.15 19:07	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.19.15 19:07	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.19.15 19:07	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.19.15 19:07	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.19.15 19:07	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.19.15 19:07	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.19.15 19:07	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.19.15 19:07	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.19.15 19:07	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.19.15 19:07	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.19.15 19:07	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.19.15 19:07	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.19.15 19:07	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.19.15 19:07	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.19.15 19:07	U	1

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Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **691538-1-BLK** Matrix: WATER

Lab Sample Id: **691538-1-BLK**

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Tech: ZHO

Analyst: ZHO Date Prep: 04.19.15 15:36

Seq Number: 966507

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.19.15 19:07	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.19.15 19:07	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.19.15 19:07	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.19.15 19:07	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.19.15 19:07	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.19.15 19:07	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.19.15 19:07	U	1
Methylene Chloride	75-09-2	0.870	0.500	0.190	ug/L	04.19.15 19:07		1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.19.15 19:07	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.19.15 19:07	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.19.15 19:07	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.19.15 19:07	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.19.15 19:07	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.19.15 19:07	U	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.19.15 19:07	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.19.15 19:07	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.19.15 19:07	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.19.15 19:07	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.19.15 19:07	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.19.15 19:07	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.19.15 19:07	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.19.15 19:07	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.19.15 19:07	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.19.15 19:07	U	1

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Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **691576-1-BLK** Matrix: WATER

Lab Sample Id: **691576-1-BLK**

Analytical Method: **Inorganic Anions by SW-846 9056A** Prep Method: SW9056P

Tech: MWE

Analyst: 4099 Date Prep: 04.16.15 12:40

Seq Number: 966552

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Sulfate	14808-79-8	U	5.00	0.168	mg/L	04.16.15 13:32	U	1

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Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **691604-1-BLK** Matrix: WATER

Lab Sample Id: **691604-1-BLK**

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Tech: ZHO

Analyst: ZHO Date Prep: 04.22.15 07:18

Seq Number: 966590

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.22.15 10:13	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.22.15 10:13	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.22.15 10:13	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.22.15 10:13	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.22.15 10:13	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.22.15 10:13	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.22.15 10:13	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.22.15 10:13	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.22.15 10:13	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.22.15 10:13	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.22.15 10:13	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.22.15 10:13	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.22.15 10:13	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.22.15 10:13	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.22.15 10:13	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.22.15 10:13	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.22.15 10:13	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.22.15 10:13	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.22.15 10:13	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.22.15 10:13	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.22.15 10:13	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.22.15 10:13	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.22.15 10:13	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.22.15 10:13	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.22.15 10:13	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.22.15 10:13	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.22.15 10:13	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.22.15 10:13	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.22.15 10:13	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.22.15 10:13	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.22.15 10:13	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.22.15 10:13	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.22.15 10:13	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.22.15 10:13	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.22.15 10:13	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.22.15 10:13	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.22.15 10:13	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.22.15 10:13	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.22.15 10:13	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.22.15 10:13	U	1

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Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **691604-1-BLK** Matrix: WATER

Lab Sample Id: **691604-1-BLK**

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Tech: ZHO

Analyst: ZHO Date Prep: 04.22.15 07:18

Seq Number: 966590

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.22.15 10:13	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.22.15 10:13	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.22.15 10:13	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.22.15 10:13	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.22.15 10:13	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.22.15 10:13	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.22.15 10:13	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.22.15 10:13	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.22.15 10:13	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.22.15 10:13	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.22.15 10:13	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.22.15 10:13	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.22.15 10:13	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.22.15 10:13	U	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.22.15 10:13	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.22.15 10:13	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.22.15 10:13	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.22.15 10:13	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.22.15 10:13	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.22.15 10:13	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.22.15 10:13	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.22.15 10:13	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.22.15 10:13	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.22.15 10:13	U	1

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Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **691609-1-BLK** Matrix: WATER

Lab Sample Id: **691609-1-BLK**

Analytical Method: **Nitrogen, Kjeldahl, Total (Colorime by EPA 351.2** Prep Method: E351.2P

Tech: BFO

Analyst: BFO Date Prep: 04.22.15 11:43 **SUB: E871002**

Seq Number: 966709

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Total Kjeldahl	7727-37-9	U	0.300	0.0501	mg/L	04.24.15 07:51	U	1

Blank Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **691659-1-BLK** Matrix: WATER

Lab Sample Id: **691659-1-BLK**

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Tech: MWE

Analyst: ZHO Date Prep: 04.23.15 07:16

Seq Number: 966664

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,1,1,2-Tetrachloroethane	630-20-6	U	1.00	0.180	ug/L	04.23.15 10:13	U	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.0760	ug/L	04.23.15 10:13	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.0700	ug/L	04.23.15 10:13	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	04.23.15 10:13	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	04.23.15 10:13	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	04.23.15 10:13	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.0600	ug/L	04.23.15 10:13	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	04.23.15 10:13	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	04.23.15 10:13	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.0690	ug/L	04.23.15 10:13	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	04.23.15 10:13	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.180	ug/L	04.23.15 10:13	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.0940	ug/L	04.23.15 10:13	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.0900	ug/L	04.23.15 10:13	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	04.23.15 10:13	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.0870	ug/L	04.23.15 10:13	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.0980	ug/L	04.23.15 10:13	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	04.23.15 10:13	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.0670	ug/L	04.23.15 10:13	U	1
2,2-Dichloropropane	594-20-7	U	0.200	0.0970	ug/L	04.23.15 10:13	U	1
2-Butanone (MEK)	78-93-3	U	20.0	0.378	ug/L	04.23.15 10:13	U	1
2-Chlorotoluene	95-49-8	U	0.200	0.0880	ug/L	04.23.15 10:13	U	1
2-Hexanone	591-78-6	U	0.400	0.352	ug/L	04.23.15 10:13	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.0900	ug/L	04.23.15 10:13	U	1
4-Isopropyltoluene	99-87-6	U	0.500	0.0890	ug/L	04.23.15 10:13	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.400	0.253	ug/L	04.23.15 10:13	U	1
Acetone	67-64-1	U	2.00	0.352	ug/L	04.23.15 10:13	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	04.23.15 10:13	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	04.23.15 10:13	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	04.23.15 10:13	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	04.23.15 10:13	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	04.23.15 10:13	U	1
Bromomethane	74-83-9	U	1.00	0.0970	ug/L	04.23.15 10:13	U	1
Carbon tetrachloride	56-23-5	U	0.500	0.0990	ug/L	04.23.15 10:13	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	04.23.15 10:13	U	1
Chlorodibromomethane	124-48-1	U	0.500	0.177	ug/L	04.23.15 10:13	U	1
Chloroethane	75-00-3	U	0.500	0.0420	ug/L	04.23.15 10:13	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	04.23.15 10:13	U	1
Chloromethane	74-87-3	U	0.500	0.0850	ug/L	04.23.15 10:13	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	04.23.15 10:13	U	1

Blank Summary 506119

Terraquest Environmental Consultants, P.C., Mebane, NC

Paul's Cash Grocery and Service

Sample Id: **691659-1-BLK** Matrix: WATER

Lab Sample Id: **691659-1-BLK**

Analytical Method: **VOCs by GC/MS by SM6200B** Prep Method: SM6200B_PREP

Tech: MWE

Analyst: ZHO Date Prep: 04.23.15 07:16

Seq Number: 966664

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.100	ug/L	04.23.15 10:13	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.0670	ug/L	04.23.15 10:13	U	1
Ethanol	64-17-5	U	50.0	3.00	ug/L	04.23.15 10:13	U	1
Ethylbenzene	100-41-4	U	0.500	0.0920	ug/L	04.23.15 10:13	U	1
Isopropyl ether	108-20-3	U	0.500	0.0920	ug/L	04.23.15 10:13	U	1
Isopropylbenzene	98-82-8	U	0.500	0.0980	ug/L	04.23.15 10:13	U	1
Methyl tert-butyl ether (MTBE)	1634-04-4	U	0.500	0.169	ug/L	04.23.15 10:13	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	04.23.15 10:13	U	1
Naphthalene	91-20-3	U	2.00	0.0940	ug/L	04.23.15 10:13	U	1
n-Butylbenzene	104-51-8	U	2.00	0.0600	ug/L	04.23.15 10:13	U	1
n-Propylbenzene	103-65-1	U	1.00	0.0650	ug/L	04.23.15 10:13	U	1
sec-Butylbenzene	135-98-8	U	0.500	0.0920	ug/L	04.23.15 10:13	U	1
Styrene	100-42-5	U	0.500	0.0740	ug/L	04.23.15 10:13	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.0890	ug/L	04.23.15 10:13	U	1
Tetrachloroethene (PCE)	127-18-4	U	0.500	0.0540	ug/L	04.23.15 10:13	U	1
Toluene	108-88-3	U	0.500	0.0570	ug/L	04.23.15 10:13	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.500	0.188	ug/L	04.23.15 10:13	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.110	ug/L	04.23.15 10:13	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	04.23.15 10:13	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.0540	ug/L	04.23.15 10:13	U	1
Vinyl Acetate	108-05-4	U	1.00	0.720	ug/L	04.23.15 10:13	U	1
Vinyl Chloride	75-01-4	U	0.500	0.0810	ug/L	04.23.15 10:13	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	04.23.15 10:13	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	04.23.15 10:13	U	1

XENCO LABORATORIES
CHAIN OF CUSTODY

COC# ATL300405
Page 1 of 3

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: **Terraquest Environmental Counsultants, P.C.**
100 E. Ruffin Street Mebane, NC 27302
Results Sent to: Megan Webster
Email address: mwebster@terraquestpc.com
Contact Phone #: 919-563-9091 FAX#: 919-563-9095
Project Name (Site): Paul's Cash Grocery and Service
Project Number (ID): 03403
Regulatory Program:

Receiver's Initials/Temp: 0 / 2.2°C
Custody Seal(s): ___ Y N Lab Work Order # 506119
P.O.# (if required):
Field Comments / Lab Precautions:

Sampler(s): (signature): Andy Wrenn
Sampler(s): (printed): Andy Wrenn

Analysis Requested

Line No.	Sample ID #	Sample Depth (Ft)	Collection Date / Time	Matrix (See below)	Composite	Grab	No. of Containers	6200B	Total Nitrogen	Sulfate
Container Type:								VC	P	P
Chemical Preservation Code:								1	3	
1	MW1	—	4/14/15/1356	GW		X	5	3	1	1
2	MW2	↓	↓ 1406	↓		↓	5	3	1	1
3	MW2D		1448				3	3		
4	MW3		1422				5	3	1	1
5	MW4		1455				3	3		
6	MW5		1416				5	3	1	1
7	MW6		1434				3	3		
8	MW6D		1432				3	3		
9	MW7		1350				3	3		
10	MW8	↓	↓ 1443	↓		↓	3	3		

1) Relinquished By: Andy Wrenn — Date / Time	2) Received By: [signature] — Date / Time 04/16/15 9:40	Delivered by: (Circle One) Fed Ex / UPS / Courier / Lab Pickup / Hand / Other
3) Relinquished By: — Date / Time	4) Received By: — Date / Time	Turnaround Time (business days) TAT Starts when samples are rec'd by 2PM
5) Relinquished By: — Date / Time	6) Received By: — Date / Time	___10 Days ; ___5-7 Days; ___3 Days ___2 Days ; ___1 Day; ___Same Day

Matrix Guide: (W=Water) (DW = Drinking Water) (GW = Groundwater) (SW = Surface Water) (L = Liquid) (O = Oil) (S = Soil) (SD = Solid) (SL = Sludge) (A = Air) (C = Air Cartridge)
Chemical Preservation Codes: 1 = HCL / 2 = HNO_3 / 3 = H_2SO_4 / 4 = NaOH + $NaAsO_2$ / 5 = NaOH + ZnAc / 6 = $Na_2S_2O_3$ / 7 = $NaHSO_4$ & MeOH / 8 = DI Water & MeOH
Container Type: VC=Vial (Clear); VA =Vial (Amber); GC=Glass (Clear); GA=Glass (Amber); P=Plastic (HDPE); TB=Tedlar Bag; ES=EnCore Sampler; ZB=Ziploc Bag; O=Other

XENCO LABORATORIES
CHAIN OF CUSTODY

COC# ATL300404
Page 2 of 3

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Company Name: **Terraquest Environmental Counsultants, P.C.**
100 E. Ruffin Street Mebane, NC 27302
Results Sent to: Megan Webster
Email address: mwebster@terraquestpc.com
Contact Phone #: 919-563-9091 FAX#: 919-563-9095
Project Name (Site): Paul's Cash Grocery and Service
Project Number (ID): 03403
Regulatory Program:

Receiver's Initials/Temp: A / 2.0° C
Custody Seal(s): ___ Y N Lab Work Order # 506119
P.O.# (if required):
Field Comments / Lab Precautions:

Sampler(s): (signature) Andy Wrenn
Sampler(s): (printed) Andy Wrenn

Analysis Requested

Line No.	Sample ID #	Sample Depth (Ft)	Collection Date / Time	Matrix (See below)	Composite	Grab	No. of Containers	6200B	Total Nitrogen	Sulfate
							Container Type:	VC	P	P
							Chemical Preservation Code:	1	3	
1	mw9	—	4/14/15/1450	GW		X	3	3		
2	MW10		1411				5	3	1	1
3	MW11		1429				5	3	1	1
4	MW13		1337				3	3		
5	MW13D		1335				3	3		
6	MW14		1339				3	3		
7	MW15D		1439				3	3		
8	MW16		1446				3	3		
9	MW17		1441				3	3		
10	MW18		1436				3	3		

1) Relinquished By: Andy Wrenn Date / Time
2) Received By: [signature] Date / Time 04/16/15 9:40
3) Relinquished By: Date / Time
4) Received By: Date / Time
5) Relinquished By: Date / Time
6) Received By: Date / Time

Delivered by: (Circle One)
Fed Ex / UPS / Courier / Lab Pickup / Hand / Other

Turnaround Time (business days)
TAT Starts when samples are rec'd by 2PM
___10 Days ; ___5-7 Days; ___3 Days
___2 Days ; ___1 Day; ___Same Day

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Chemical Preservation Codes: 1 = HCL / 2 = HNO_3 / 3 = H_2SO_4 / 4 = NaOH + $NaAsO_2$ / 5 = NaOH + ZnAc / 6 = $Na_2S_2O_3$ / 7 = $NaHSO_4$ & MeOH / 8 = DI Water & MeOH
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XENCO LABORATORIES
CHAIN OF CUSTODY

COC# ATL300406
Page 3 of 3

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100 E. Ruffin Street Mebane, NC 27302
Results Sent to: Megan Webster
Email address: mwebster@terraquestpc.com
Contact Phone #: 919-563-9091 FAX#: 919-563-9095
Project Name (Site): Paul's Cash Grocery and Service
Project Number (ID): 03403
Regulatory Program:

Receiver's Initials/Temp: 1.2°C
Custody Seal(s): ___ Y N Lab Work Order # 506119.
P.O.# (if required):
Field Comments / Lab Precautions:

Analysis Requested

Sampler(s): (signature): Andy Wrenn
Sampler(s): (printed): Andy Wrenn

Line No.	Sample ID #	Sample Depth (Ft)	Collection Date / Time	Matrix (See below)	Composite	Grab	No. of Containers	Container Type: VC	Chemical Preservation Code: 1	6200B
1	RW1	—	4/14/15/1451	GW		X	3			3
2	PW1	↓	1510	↓		↓	3			3
3	PW2		1505				3			3
4	PW9		1325				3			3
5	PW10		1315				3			3
6	PW17	↓	1327	↓		↓	3			3
7										
8										
9										
10										

1) Relinquished By: Andy Wrenn Date / Time
2) Received By: [signature] 04/16/15 9:40 Date / Time
3) Relinquished By: Date / Time
4) Received By: Date / Time
5) Relinquished By: Date / Time
6) Received By: Date / Time

Delivered by: (Circle One)
Fed Ex / UPS / Courier / Lab Pickup / Hand / Other

Turnaround Time (business days)
TAT Starts when samples are rec'd by 2PM
___10 Days ; ___5-7 Days; ___3 Days
___2 Days ; ___1 Day; ___Same Day

Matrix Guide: (W=Water) (DW = Drinking Water) (GW = Groundwater) (SW = Surface Water) (L = Liquid) (O = Oil) (S = Soil) (SD = Solid) (SL = Sludge) (A = Air) (C = Air Cartridge)
Chemical Preservation Codes: 1 = HCL / 2 = HNO_3 / 3 = H_2SO_4 / 4 = NaOH + $NaAsO_2$ / 5 = NaOH + ZnAc / 6 = $Na_2S_2O_3$ / 7 = $NaHSO_4$ & MeOH / 8 = DI Water & MeOH
Container Type: VC=Vial (Clear); VA =Vial (Amber); GC=Glass (Clear); GA=Glass (Amber); P=Plastic (HDPE); TB=Tedlar Bag; ES=EnCore Sampler; ZB=Ziploc Bag; O=Other

FedEx Express Package US Airbill

FedEx Tracking Number 8047 7449 2136

Form ID No. 0215

Recipient's Copy

1 From

Date 11/15/15

Sender's Name

Phone

Company

Address

Dept./Floor/Suite/Room

City

State NC ZIP 27302

2 Your Internal Billing Reference

3 To

Recipient's Name

Phone

Company

Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City

State

ZIP

☐ HOLD Weekday — FedEx location address REQUIRED. NOT available for FedEx First Overnight.

☐ HOLD Saturday — FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

8047 7449 2136

4 Express Package Service • To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs.
For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day

☐ FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

☐ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

☒ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

☐ FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.

☐ FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging • Declared value limit $500.

☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options

☐ SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required — Package may be left without obtaining a signature for delivery.

☐ Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*

☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

Does this shipment contain dangerous goods?

One box must be checked.

☒ No

☐ Yes — As per attached Shipper's Declaration.

☐ Yes — Shipper's Declaration not required.

☐ Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

☐ Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip. Acct. No. ☐

☐ Sender — Acct. No. in Section 1 will be billed.

☒ Recipient

☐ Third Party

☐ Credit Card

☐ Cash/Check

Total Packages

Total Weight ____ lbs.

Credit Card Auth.

611

†Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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fedex.com 1.800.GoFedEx 1.800.463.3339

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Florida Testing Services, LLC

Client: Terraquest Environmental Consultants, F

Date/ Time Received: 04/16/2015 09:40:00 AM

Work Order #: 506119

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	2.2	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6 *Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Sample instructions complete on Chain of Custody?	**Yes**	
#9 Any missing/extra samples?	**No**	
#10 Chain of Custody signed when relinquished/ received?	**Yes**	
#11 Chain of Custody agrees with sample label(s)?	**Yes**	
#12 Container label(s) legible and intact?	**Yes**	
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**	
#14 Samples in proper container/ bottle?	**Yes**	
#15 Samples properly preserved?	**Yes**	
#16 Sample container(s) intact?	**Yes**	
#17 Sufficient sample amount for indicated test(s)?	**Yes**	
#18 All samples received within hold time?	**Yes**	
#19 Subcontract of sample(s)?	**Yes**	Total Nitrogen (TKN + NOX) to Xenco Houston
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**	
#21 <2 for all samples preserved with HNO3,HCL, H2SO4? Except for samples for the analysis of HEM or HEM-SGT which are verified by the analysts.	**Yes**	
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: DL

PH Device/Lot#: I016662-7

Checklist completed by: Dario Lagunas — Date: 04/16/2015

Checklist reviewed by: Debbie Simmons — Date: 04/17/2015