ACTIVE REMEDIATION MONITORING REPORT
JOHNNY'S SAV-A-SUM
HIGHWAY 601 AND FLOWES STORE ROAD
CABARRUS COUNTY, NORTH CAROLINA
GROUNDWATER INCIDENT NO. 15622
SHIELD PROJECT NO. 1002040
Period: April through September 2015

Responsible Party:	**Consultant:**	**Property Owner:**
Techno, LLC for Holding Brothers, Inc P.O. Drawer 647 Concord, NC 28026	Shield Engineering, Inc. 4301 Taggart Creek Road Charlotte, North Carolina 28208	Estate of JL Smith; c/o Jeff Harris 13422 Scanlan Way Davidson, NC 28036
Contact: Mr. David Holding (704) 786-4127	**Contact:** Flora D'Souza (704) 394-6913	**Contact:** Mr. John L. Smith, Jr. (919) 772-2654

Site Risk Classification: High Risk

Site Latitude: 35° 21' 43" North

Land Use Category: Residential

Site Longitude: 80° 32' 33" West

Release Discovered: 7/1/92

Quantity Released: Unknown

Potential Release Source(s): Tank #3: 2,000 gallon gasoline UST, Tank #4: 550 gallon fuel oil/gasoline UST, Tank #5: 1,000 gallon gasoline UST, Tank #6: 550 gallon fuel oil/gasoline UST.

Release Cause: USTs and /or lines and /or dispensers. A release was not detected from Tank #1, the only UST Holding Brothers, Inc. owned or operated at the site. Tank #3 is the only UST, out of the above, that the NCDENR believes is Holding Brothers, Inc. responsibility. Contamination was detected in the UST basin, which contained Tank #3 and #4.

Flora J. D'Souza
Senior Project Manager

10-30-15

David A. Stoner, P.G., P.E.
Senior Principal
Registered, NC #1427

October 30, 2015

SHIELD ENGINEERING, INC.

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1.0 DISCUSSION OF SAMPLING RESULTS

1.1 Site Monitoring Requirements:

Site Location Map: See Figure 1

Site Map: See Figure 2

Site Monitoring Requirements Based on CAP and/or NORR		
Sample Point Type	**Total Quantity of Existing Sample Points and Their Identification**	**Required by NCDENR to be Monitored and Sampled per NORR and/or TA 15622-54**
Monitoring Wells	17 (MW-1R, MW-2 through MW-10, MW-11R, MW-12 through MW-17)	15[2] in September (MW-1R,MW-2, MW-4 through MW-10, MW-11R, MW-12 through MW-15, and MW-17)
Water Supply Wells	8[1] (2144[2, 3], 3878, 3910[2], 3965[2, 3], 4036[2, 3], 4085[2, 3], 4206, and 4135)	6[2] (2144, 3878, 3910, 3925/3965[3], 4036, and 4085[3])
Recovery Wells	5 (RW-1 through RW-5)	5[2] (RW-1 through RW-5)

NOTES:

(1) Number of in-use water supply wells located within 1,500 feet of site, based on 2007 receptor survey.

(2) Individual wells identified by NCDENR for specific sampling as approved on Pre-Approval Task Authorization TA 15622-54.

(3) Historically Shield has not been granted access to collect groundwater samples from the residence at water supply well 3965. That well also supplies the residence at 3925. The residents in house 4085 have not been home to grant access to sample. For these reasons these wells were not sampled.

1.2 Summary of Analytical Results and Free Product Thickness(s):

1.2.1 Date(s) of Sampling Event(s): September 24, 2015

1.2.2 Existing Area Receptors:

Refer to the following table(s) and figure(s) for information and locations of area receptors.

Refer to Table(s): Table 1
Refer to Figure(s): Figure 3

A supply well survey update was conducted in July 2007 by walking and/or driving publicly accessible roads within a 1,500 foot radius of the site. During the survey, Shield personnel looked from the streets for supply wells and/or water meters and interviewed available residents when considered safe. Locations of addresses are approximate, based on perceived locations, using a topographic and tax map, and observations in the field. There may be other supply wells or water meters that were not readily visible at the time of our survey. In April 2013, Shield obtained new receptor information for some of the surrounding properties from the City of Concord and the Cabarrus County Geographic Information System (GIS). Figure 2 depicts the subject site and all properties within 1,500 feet of the site, as well as the

approximate distances to the nearest in use supply wells. Table 1 lists property owners/occupants adjacent to and surrounding the subject site. Regarding the interviews and survey letter responses, we can only report what the interviewed parties told us, and many were not available for interviews in person or by telephone. We are not validating whether the information is correct. If any additional information is obtained regarding the water usage within 1,500 feet of the site, Shield reserves the right to amend this portion of the report. Table 1 and Figure 3 should not be used separately from this report.

Shield has periodically, including in 2012, 2013, and 2014, tried to get the owners of supply well 3965 to connect to municipal water. All attempts have been unsuccessful, the owners of supply well 3965 are not willing to connect to municipal water, nor are they willing to allow us to sample their well.

1.2.3 Groundwater Flow Directions:

- The current localized groundwater flow direction at the site is divided by Highway 601; it is primarily towards the northeast and to the west with a high near the intersection of Highway 601 and Flowes Store Road. The groundwater treatment system has operated approximately four months since January 5, 2013 as explained later. The water table is likely stabilized to its natural condition. The current groundwater elevation data are included in the following table(s) and figure(s):

  Refer to Table(s): Table 2
  Refer to Figure(s): Figure 4

1.2.4 Free Product:

- Free Product Detected during this Reporting Period?: No

1.2.5 Groundwater Analytical Results:

- Sampled Points and Analytical Methods:
  The following monitoring wells and other points were sampled during this reporting period.

Sampled Points and Analytical Methods for this Reporting Period Based on CAP and Pre-Approval Task Authorization Sampling Requirements		
Type	**Points Sampled during this Reporting Period**	**Analytical Methods**
Monitoring Wells	15 in September (MW-1R,MW-2, MW-4 through MW-10, MW-11R, MW-12 through MW-15, and MW-17)	• EPA Method 6200B (+EDB, MTBE, IPE, total Xylenes) • EPA 3030c for Lead
Water Supply Wells	4* (2144, 3878, 3910, and 4036)	• EPA Method 6200B (+EDB, MTBE, IPE, total Xylenes) • EPA 3030c for Lead
Recovery Wells	5 (RW-1, RW-2, RW-3, RW-4, and RW-5)	• EPA Method 6200B (+EDB, MTBE, IPE, total Xylenes) • EPA 3030c for Lead

**Historically Shield has not been granted access to collect groundwater samples from the residence at water supply well 3965. That well also supplies the residence at 3925. The residents at house 4085 have not been home to allow access to sample. For these reasons these wells were not sampled.*

- During the September 2004 sampling event it was believed that MW-3 was destroyed during the removal of the buildings on-site. This well was located during the July 19, 2007 sampling event and has been gauged and/or sampled in subsequent sampling events except for September 2010, 2011, 2012, 2013, and 2014 when it was removed from the sampling event by NCDENR on Pre-Approval Task Authorization TA 15622-36, 38, 42, 46, and 50 respectively.

- Laboratory Used: Prism Laboratories, Inc.

- Current Groundwater Analytical Data:

  Refer to the following table(s) and Appendix for current groundwater analytical data.

  Refer to Table(s): Table 3
  Refer to Appendix: Appendix A

- Historical Groundwater Analytical Data:

  Refer to the following table for historical groundwater analytical data.

  Refer to Table: Table 4

- Dissolved Phase Plume Size and Location:

  The dissolved phase constituents benzene and MTBE have the largest plumes for the constituents of concern that are greater than the 15A NCAC 2L .0202 Groundwater Standards (2L Standards). These plumes above the 2L Standards are elliptical and have

approximate lengths of 210 and 170 feet and approximate widths of 95 and 100 feet, respectively.

Refer to Figure(s): Figures 5 through Figure 9

- Proximity of Plume to Nearest Receptor(s):

  The dissolved phase plumes above the 2L Standards are approximately 400 feet from the nearest receptor, WSW-3925/3965, which was last sampled in 1999. There were no petroleum constituents detected in WSW-3925/3965 in 1999 or in the other supply wells within 500 feet sampled during this monitoring period. The owners of WSW-3925/3965 no longer allow us to sample the well.

  During this sampling event, water supply wells 2144 and WSW-3910 showed lead above the 2L Standard of 0.015 milligrams per liter (mg/L) at 0.064 mg/L and 0.032 mg/L, respectively. Water supply wells WSW-3878 previously (during the September 2014 sampling event) showed lead above the 2L Standard of 0.015 milligrams per liter (mg/L) at 0.018 mg/L. For this sampling event and the March 2015 sampling event, WSW-3878 was sampled from the kitchen sink and lead was non-detect. The resident at WSW-3878 was provided bottled water although the resident thought the problem was sampling from a stagnant pipe that had lead solder. Bottled water has also been provided to the resident at WSW-3910. Lead levels in the monitoring wells on site were all non-detect except MW-12 and RW-2 which was 0.0072 mg/L and 0.22 mg/L, respectively. MW-12 showed no petroleum hydrocarbons. Since only two monitoring/recovery wells show lead during this sampling event and only one monitoring well showed lead during the March 2015 sampling event, on site does not appear to be the source of lead in the WSWs. This is further substantiated by the presence of an MTBE plume on site indicating the source of the problem is un-leaded gasoline. Perhaps the bottled water should be moved from WSW-3878 to WSW-2144; we will defer to the NCDEQ regarding such requirements.

- Predictive Rate of Contaminant Transport:

  The contaminants above the 2L Standards seem to be within the general vicinity of the site boundaries and were decreasing, prior to the system going down. MTBE has often been, and in September 2015 was detected off site in MW-13 below the 2L Standard. Refer to the following table(s) and figure(s):

  Refer to Table(s): Table 2 through Table 4
  Refer to Figure(s): Figures 5 through Figure 9

2.0 DISCUSSION OF REMEDIATION ACTIVITIES

2.1 Summary of Remediation Activities to Date:

- The remediation system consists of groundwater recovery system (GRS) technology that discharges treated groundwater by way of a National Pollutant Discharge Elimination System (NPDES) permit. The remediation system consists of five groundwater recovery wells (RW-1, RW-2, RW-3, RW-4, and RW-5). The remedial action system was placed into operation on September 20, 2001. Due to the changes in the NCDENR Trust Fund policy effective October 1, 2004, the remediation system was shut down on November 11, 2004.
- A Notice of Regulatory Requirements (NORR) letter dated May 1, 2007 was submitted by NCDENR that required sampling of selected monitoring wells, two soil borings and re-activation of the remediation system.
- The remediation system was restarted on July 31, 2007 in accordance with the Corrective Action Plan (CAP).
- For better recovery of the source area contamination, a new recovery well (RW-5) was installed on January 28, 2010 near MW-9 to a depth of 60 feet below ground surface, and recovery well RW-3 was taken out of service because it was now outside of the contaminant plume. RW-5 was connected to the remediation system at that time.

2.2 Remediation System Status and Sampling/Operational Data:

2.2.1 Groundwater Recovery System

- Scheduled Operational Time: 202 days (March 31, 2015 through October 19, 2015)
- Actual Operational Time: 19 days
- Actual Operational Efficiency: 1%
- Summary of Down Time:
    1) The system is believed to have been hit by a tractor trailer on January 5, 2013, and knocked out of service.
    2) Shield restarted the groundwater recovery system on May 13, 2014. On May 28, 2014, the air stripper was found clogged and the system was turned off. Following the receipt of air stripper gaskets, the air stripper was cleaned and gaskets were replaced between the air stripper trays on June 25, 2014. During the September 17, 2014 monitoring sampling event, the air stripper was found leaking, blowing water out of the air exhaust stack, and generally not operating properly, therefore the system was turned off. On October 2, 2014, technicians took the air stripper apart and found that the trays were cracked and the metal rings around the bottom were rusted and broken and the trays could not be tightened to prevent the air stripper from leaking. The NCDENR approved a used air stripper under the Pre-Approval Task Authorization TA 15622-53. The used air stripper purchased from Enviro-Equipment was installed on April 17, 2015. The float switch wiring for the newly installed air stripper was different than the previous float switch wiring and Shield personnel contacted Enviro-Equipment for instructions on how to connect the new float switch to the control panel. The float switch was properly connected on May 8, 2015. When the

system was restarted, the air compressor solenoid valve was not working. Shield personnel ordered a new solenoid valve and installed it on July 23, 2015. The air compressor did not work after the new solenoid valve was installed, therefore, the relays in the control panel were removed and checked and they were not bad. The solenoid valve that had been installed on July 23, 2015 was returned to Grainger and another solenoid valve was ordered. On August 12, 2015, the solenoid valve was replaced again and the system was restarted. On August 31, 2015, the system was found down due to the air stripper pump not working. A pump was ordered and was installed on October 19, 2015, and the system was restarted. The system is currently running.

- System Sampling Frequency: Quarterly
- System Sampling Date(s): Not applicable
- Laboratory Used: Not applicable
- System Analytical Data:
  Historical analytical data is included in the following tables(s) and Appendix.

  Refer to Table(s): Table 5
  Refer to Appendix: Appendix A

- Remarks: The influent and effluent samples were not collected in June and September 2015 due to the system being down.

2.3 Total Gallons of Water Treated during the Period: 362 gallons

2.4 Monthly Operation and Maintenance Costs:

- The average operation and maintenance cost between April 2015 and September 2015, including parts, utilities, and labor was approximately $1,550 per month.

2.5 Mass of Contaminant Removed:

- The amount of petroleum VOCs removed during this period are not known due to the system being down at the time of sampling events.

  Refer to Table(s): Table 5

2.6 Future Remediation Activities:

- Recommend operation of the GRS system pursuant to the CAP.

2.7 Gallons of Recovered Free Product:

- No documented amount of free product was detected in order to be recovered by the GRS during this reporting period.

2.8 Discharge/Non-Discharge/POTW Permit:

- The GRS will operate under discharge permit #NCG510000 (Certificate of Coverage #NCG510462). This Certificate of Coverage is valid through September 30, 2016.

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 Progress of Clean-up/Plume Status:

- Free product was not detected in the site wells during this reporting period.
- The plume is considerably smaller than it was prior to the initiation of remediation and constituents of concern greater than 2L Standards appear to be within the general vicinity of the site boundaries.
- In general the levels of contamination have decreased dramatically since the initiation of remediation.
- Dissolved phase petroleum constituents of concern were detected in concentrations above the 15A NCAC 2L Groundwater Standards (2L Standards) in wells MW-1R, MW-2, MW-4, MW-5, MW-7, MW-8, MW-9, MW-11R, and RW-1, RW-2, RW-3, RW-4, and RW-5 during this period.
- Overall constituent concentrations have decreased in well MW-1R, MW-4, MW-5, MW-9, MW-11R, MW-13, RW-1, RW-2, RW-3, RW-4, and RW-5 during this period. Wells MW-2 and MW-8 have increased in constituent concentrations this period.
- Lead was recently detected primarily off site in water supply wells WSW-3878 (above 2L Standards in September 2014), WSW-3910 (above 2L Standards in March and September 2015), and WSW-2144 (above 2L Standards in September 2015). Since only two monitoring/recovery wells (MW-12 and RW-2) show lead during this sampling event and only one monitoring well (MW-12) showed lead during the March 2015 sampling event, on site does not appear to be the source of lead in the WSWs. This is further substantiated by the presence of an MTBE plume on site indicating the source of the problem is un-leaded gasoline.
- Laboratory analytical data indicated monitoring wells MW-6, MW-10, MW-12, MW-14, MW-15, MW-17, and water supply wells 2144, 3878, 3910, 3925, 4036, 4080, and 4085 were non-detect for dissolved phase petroleum constituents of concern as shown in Table 3 during this event or when last sampled. Monitoring well MW-13 was below the 2L Standards.

3.2 Performance and Efficiency of the Remediation System:

- The GRS only operated approximately 19 days during this reporting period, however, the system is currently operating.

3.3 Recommendations:

- No additional modifications are recommended for the groundwater recovery system at this time.
- For this sampling event and the March 2015 sampling event, WSW-3878 was sampled from the kitchen sink and lead was non-detect. The resident at WSW-3878 was provided bottled water although the resident thought the problem was sampling from a stagnant pipe that had lead solder. Bottled water has also been provided to the resident at WSW-3910. Lead levels in the monitoring wells on site were all non-detect except MW-12 and

RW-2 which was 0.0072 mg/L and 0.22 mg/L, respectively. MW-12 showed no petroleum hydrocarbons. Since only two monitoring/recovery wells show lead during this sampling event and only one monitoring well showed lead during the March 2015 sampling event, on site does not appear to be the source of lead in the WSWs. This is further substantiated by the presence of an MTBE plume on site indicating the source of the problem is un-leaded gasoline. Perhaps the bottled water should be moved from WSW-3878 to WSW-2144; we will defer to the NCDEQ regarding such requirements.

3.4 Interpretations of Submitted Data:

- The dissolved phase petroleum constituents of concern detected are below the 15A NCAC 2L.0115 Gross Contaminant Levels (GCLs) during this period. No free product was detected.
- During this period, dissolved phase petroleum constituents of concern concentrations have decreased in six of the monitoring wells and five of the recovery wells sampled, but have slightly increased in two of the monitoring wells. The changes in concentrations are likely due to seasonal fluctuations in groundwater elevations and the system being down, with the exception of 118 days since January 5, 2013.
- Six monitoring wells (MW-6, MW-10, MW-12, MW-14, MW-15, and MW-17) and four water supply wells (2144, 3878, 3910, and 4036) were non-detect for contamination during this sampling event.
- One other monitoring well (MW-13) was below the 2L Standards during this sampling event.
- Lead was recently detected primarily off site in water supply wells WSW-3878 (above 2L Standards in September 2014), WSW-3910 (above 2L Standards in March and September 2015), and WSW-2144 (above 2L Standards in September 2015). Since only two monitoring/recovery wells (MW-12 and RW-2) show lead during this sampling event and only one monitoring well (MW-12) showed lead during the March 2015 sampling event, on site does not appear to be the source of lead in the WSWs. This is further substantiated by the presence of an MTBE plume on site indicating the source of the problem is un-leaded gasoline.
- The plume with constituents of concern above the 2L Standards was generally contained within the site boundaries by the recovery wells, and overall continued to reduce since the system start up.

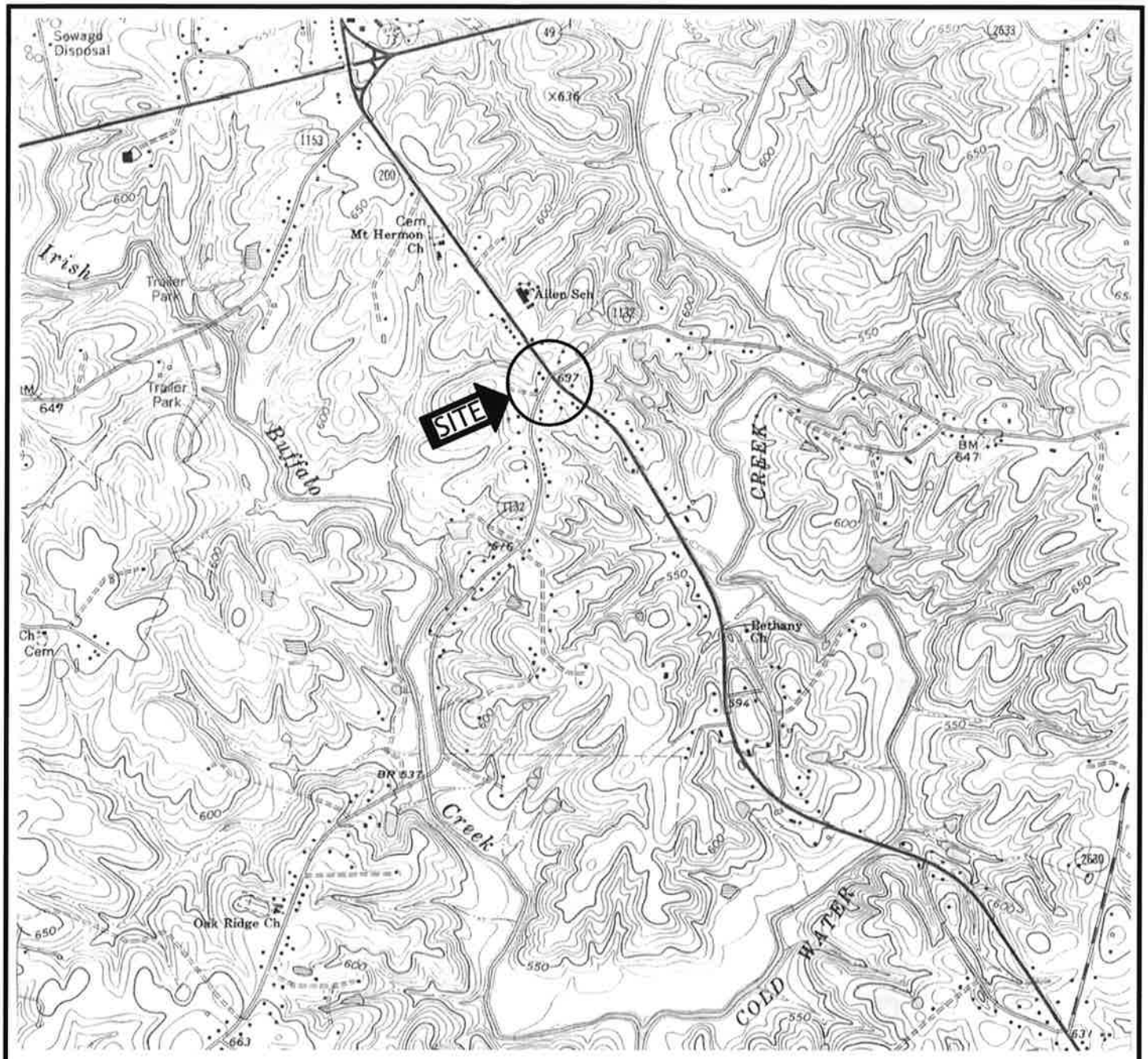
4.0 LIMITATIONS

Shield has performed environmental services at the subject site on behalf of Techno, LLC for Holding Brothers, Inc. Shield has performed this scope of work as an independent contractor/consultant using reasonable care and skill in accordance and consistent with customary industry standards of engineering, geology, and hydrogeology practices. This standard of care is the sole and exclusive standard of care that can be applied to measure Shield's performance of the work. No other warranty, expressed or implied is made or intended by Shield.

The report has been prepared for the exclusive use by Techno, LLC for Holding Brothers, Inc. All recommendations, findings, and conclusions, made by Shield have been made to the best of Shield's knowledge, opinion and belief, based upon information obtained during this scope of work, and is limited by the scope nature and type of services as agreed upon between Techno, LLC for Holding Brothers, Inc. and Shield. Conclusions are provided with the understanding that Shield is presenting information and not rendering legal advice. If such advice is needed, legal counsel should be consulted. It is the responsibility of Techno, LLC for Holding Brothers, Inc. under advice of its counsel to notify the appropriate federal, state, or local public agencies as required by law; or otherwise to disclose in a timely manner, any information that may be necessary to prevent damage to human health, safety, or the environment.

Compliance with recommendations provided as part of this report in no way assures compliance with federal, state and/or local laws, regulations, and/or requirements. Analytical data has been obtained from Prism Laboratories, Inc. This information, to the extent that it was relied on to generate this report, is assumed to be correct and complete. The work performed in conjunction with this report and the data developed are intended as a description of available information at the dates and specific locations given. Shield is not responsible for inspecting, examining, or reporting findings or recommendations with respect to any conditions that were knowingly or unknowingly withheld, concealed, hidden, or in any way not disclosed or observable at the time of this scope of work.

FIGURES



SCALE 1:24,000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

4° 71 MILS 0°20' 6 MILS

UTM GRID AND 1987 MAGNETIC NORTH
DECLARATION AT CENTER OF SHEET

QUADRANGLE LOCATION

CONCORD SE, NC

SHIELD ENGINEERING, INC.
4301 TAGGART CREEK ROAD
CHARLOTTE, NC 28208
704-394-6913
704-394-6968 fax
www.shieldengineering.com

SITE LOCATION MAP

JOHNNY'S SAV-A-SUM

HIGHWAY 601 AND FLOWES STORE ROAD
CABARRUS COUNTY, NORTH CAROLINA
SHIELD # 1002040

DATE :	10/12/04	DRAWN BY :	DE
SCALE :	AS SHOWN	FIGURE :	1

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HIGHWAY 601

~400 FEET WSW-3965

MIAMI CHURCH ROAD

MW-16

MW-10

HEAVILY WOODED AREA

~475 FEET WSW-3910

MW-6

MW-7 MW-2

GRASS

HEAVILY WOODED AREA

RW-1

GP-1 SB-3 SB-7

SB-2

FORMER SHOP

MW-11R

MW-1R

SB-4 SB-6

SB-1

GP-2

FORMER STORE

SB-5

~450 FEET WSW-4036

HIGHWAY 601

GRASS

MW-3

MW-4 RW-2

RW-4

HEAVILY WOODED AREA

MW-5

RAS

MW-8

RW-5

MW-9

GRASS

MW-13

RW-3

ALLEN FIRE DEPARTMENT

MW-14

HEAVILY WOODED AREA

~375 FEET WSW-4085

MW-12

FLOWES STORE ROAD

MW-15

MW-17

LEGEND:

- GROUNDWATER MONITORING WELL
- DEEP BEDROCK GROUNDWATER MONITORING WELL (DATA NOT USED IN CONTOURING)
- GROUNDWATER RECOVERY WELL
- SOIL BORING

GRAPHIC SCALE
0 25 50
SCALE: 1" = 50'

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SITE MAP

JOHNNY'S SAV-A-SUM
HIGHWAY 601 AND FLOWES STORE ROAD
CABARRUS COUNTY, NORTH CAROLINA

DATE :	10/09/15	DRAWN BY :	RBS
SCALE :	AS SHOWN	FIGURE :	2

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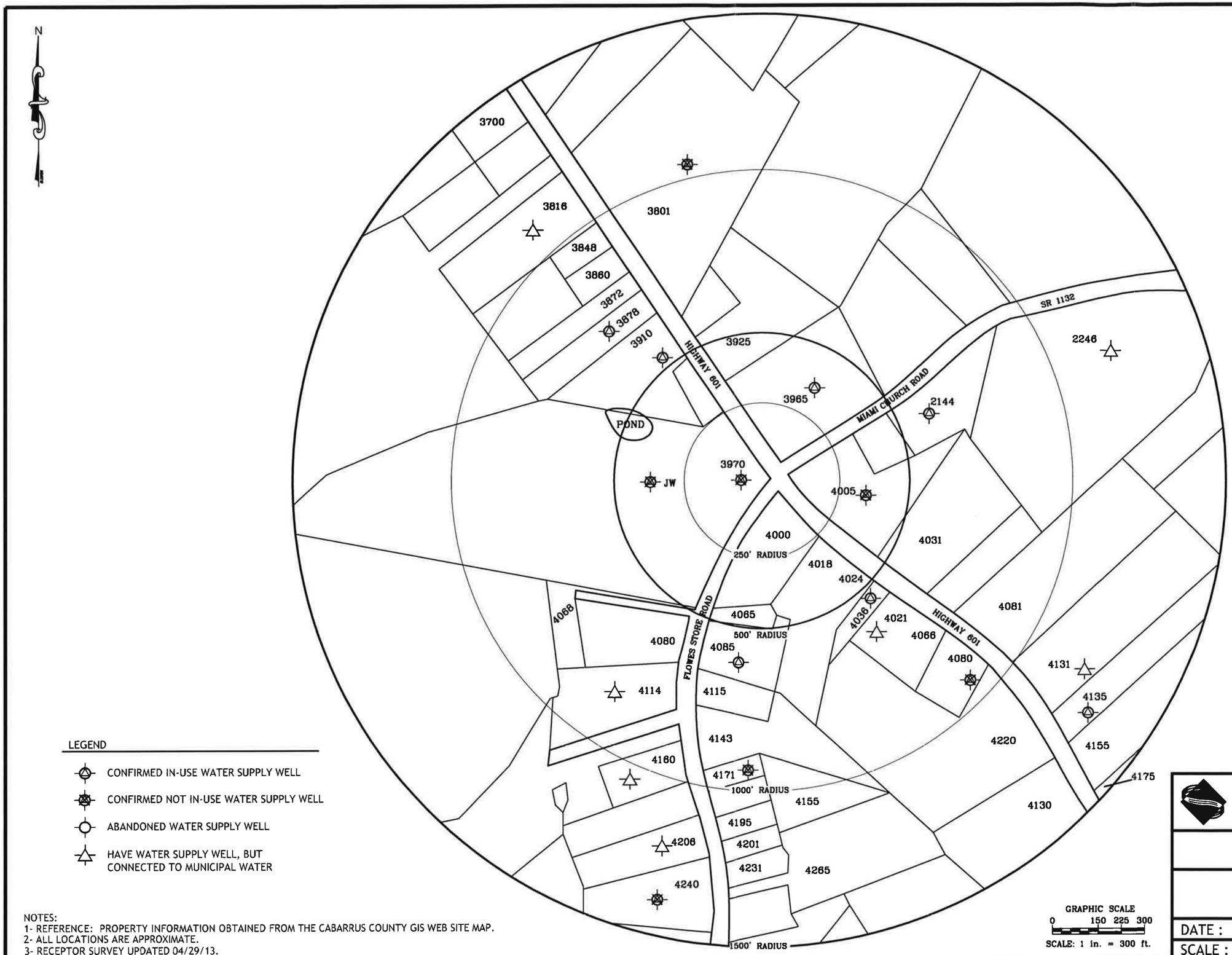

LEGEND

- CONFIRMED IN-USE WATER SUPPLY WELL
- CONFIRMED NOT IN-USE WATER SUPPLY WELL
- ABANDONED WATER SUPPLY WELL
- HAVE WATER SUPPLY WELL, BUT CONNECTED TO MUNICIPAL WATER

NOTES:
1- REFERENCE: PROPERTY INFORMATION OBTAINED FROM THE CABARRUS COUNTY GIS WEB SITE MAP.
2- ALL LOCATIONS ARE APPROXIMATE.
3- RECEPTOR SURVEY UPDATED 04/29/13.

GRAPHIC SCALE
0 150 225 300
SCALE: 1 in. = 300 ft.

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1500 FOOT RADIUS MAP

JOHNNY'S SAV-A-SUM

HIGHWAY 601 AND FLOWES STORE ROAD
CABARRUS COUNTY, NORTH CAROLINA
SHIELD # 1002040

DATE :	04/29/13	DRAWN BY :	RBS
SCALE :	AS SHOWN	FIGURE :	3

H:\PROJECTS\2000\1002040 JOHNNY'S SAV A SUM\FIGURES\1002040 UPDATED SV 4-29-13.DWG

HIGHWAY 601

MIAMI CHURCH ROAD

HIGHWAY 601

FLOWES STORE ROAD

HEAVILY WOODED AREA

HEAVILY WOODED AREA

HEAVILY WOODED AREA

HEAVILY WOODED AREA

~400 FEET WSW-3965

~475 FEET WSW-3910

~450 FEET WSW-4036

~375 FEET WSW-4083

62'

63'

62'

63'

62'

63'

GRASS

GRASS

GRASS

FORMER SHOP

FORMER STORE

RAS

ALLEN FIRE DEPARTMENT

MW-16 (NM)

MW-10 (61.73)

MW-6 (62.59)

MW-2 (62.72)

MW-7 (62.42)

RW-1 (63.27)

MW-1R (63.15)

MW-11R [63.19]

MW-4 (62.75)

RW-2 (63.53)

RW-4 (62.72)

MW-3 (NM)

MW-8 (62.52)

MW-5 [62.48]

RW-5 (NM)

MW-9 (62.59)

RW-3 (62.86)

MW-12 (62.83)

MW-13 (63.79)

MW-14 (61.87)

MW-15 (62.22)

MW-17 (62.52)

N

LEGEND:

▲	GROUNDWATER MONITORING WELL
△	DEEP BEDROCK GROUNDWATER MONITORING WELL (DATA NOT USED IN CONTOURING)
⊗	GROUNDWATER RECOVERY WELL
(ft)	FEET
(63.15)	GROUNDWATER ELEVATION (ft)
[62.48]	GROUNDWATER ELEVATION (ft) NOT USED IN CONTOURING
– – –	APPROXIMATE GROUNDWATER ELEVATION CONTOUR LINE (ft)
←	GENERALIZED GROUNDWATER FLOW DIRECTION
(NM)	NOT MEASURED

NOTES:
1- GROUNDWATER ELEVATIONS MEASURED ON 09/24/15.
2- ALL LOCATIONS ARE APPROXIMATE.
3- CONTOUR INTERVAL = AS SHOWN.

GRAPHIC SCALE
0 25 50
SCALE: 1" = 50'

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GROUNDWATER ELEVATION CONTOUR MAP

JOHNNY'S SAV-A-SUM

HIGHWAY 601 AND FLOWES STORE ROAD
CABARRUS COUNTY, NORTH CAROLINA
SHIELD # 1002040

DATE :	10/09/15	DRAWN BY :	RBS
SCALE :	AS SHOWN	FIGURE :	4

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HIGHWAY 601

MIAMI CHURCH ROAD

HIGHWAY 601

FLOWES STORE ROAD

~400 FEET
WSW-3965
(NS)

~475 FEET
WSW-3910
(ND)

~450 FEET
WSW-4036
(ND)

~375 FEET
WSW-4085
(NS)

HEAVILY WOODED AREA

HEAVILY WOODED AREA

HEAVILY WOODED AREA

HEAVILY WOODED AREA

GRASS

GRASS

GRASS

MW-6 (ND)

MW-7 (0.51)

MW-2 (29)

RW-1 (93)

MW-11R [2]

MW-1R (96)

MW-4 (890)

RW-2 (31)

RW-4 (ND)

MW-3 (NS)

MW-8 (ND)

MW-5 [ND]

RW-5 (ND)

MW-9 (420)

RW-3 (4.6)

MW-14 (ND)

MW-12 (ND)

MW-17 (ND)

MW-16 (NS)

MW-10 (ND)

MW-13 (ND)

MW-15 (ND)

FORMER SHOP

FORMER STORE

RAS

100

10

ALLEN FIRE DEPARTMENT

N

LEGEND:

▲	GROUNDWATER MONITORING WELL
△	DEEP BEDROCK GROUNDWATER MONITORING WELL (DATA NOT USED IN CONTOURING)
⊗	GROUNDWATER RECOVERY WELL
(ug/L)	MICROGRAMS PER LITER
(890)	BENZENE CONCENTRATION (ug/L)
[2]	BENZENE CONCENTRATIONS NOT USED IN CONTOURING (ug/L)
(ND)	LESS THAN THE REPORTING LIMITS SPECIFIED IN THE LABORATORY REPORT
— — —	APPROXIMATE BENZENE ISOCONCENTRATION CONTOUR LINE (ug/L)
(NS)	NOT SAMPLED
(ND)	LESS THAN THE REPORTING LIMITS SPECIFIED IN THE LABORATORY REPORT

NOTES: 1- GROUNDWATER SAMPLES COLLECTED ON 09/24/15.
2- ALL LOCATIONS ARE APPROXIMATE.
3- CONTOUR INTERVALS AS SHOWN.

GRAPHIC SCALE
0 25 50
SCALE: 1" = 50'

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704-394-5913
704-394-5968 fax
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BENZENE ISOCONCENTRATION MAP

JOHNNY'S SAV-A-SUM

HIGHWAY 601 AND FLOWES STORE ROAD
CABARRUS COUNTY, NORTH CAROLINA
SHIELD # 1002040

DATE :	10/20/15	DRAWN BY :	RBS
SCALE :	AS SHOWN	FIGURE :	5

H:\PROJECTS\2000\1002040 JOHNNY'S SAV A SUM\FIGURES\ARMR SEPT 2015.DWG

HIGHWAY 601

MIAMI CHURCH ROAD

HIGHWAY 601

FLOWES STORE ROAD

HEAVILY WOODED AREA

HEAVILY WOODED AREA

HEAVILY WOODED AREA

HEAVILY WOODED AREA

GRASS

GRASS

GRASS

~400 FEET
WSW-3965
(NS)

~475 FEET
WSW-3910
(ND)

~450 FEET
WSW-4036
(ND)

~375 FEET
WSW-4085
(NS)

MW-6 (ND)
MW-2 (8.1)
MW-7 (ND)
RW-1 (65)
MW-11R [12]
MW-1R (130)
MW-4 (270)
MW-3 (NS)
RW-2 (48)
RW-4 (780)
MW-5 [ND]
MW-8 (ND)
MW-9 (210)
RW-5 (120)
RW-3 (4.4)
MW-12 (ND)
MW-14 (ND)
MW-17 (ND)
MW-16 (NS)
MW-10 (ND)
MW-13 (ND)
MW-15 (ND)

FORMER SHOP

FORMER STORE

RAS

500

ALLEN FIRE DEPARTMENT

N

LEGEND:

▲	GROUNDWATER MONITORING WELL
△	DEEP BEDROCK GROUNDWATER MONITORING WELL (DATA NOT USED IN CONTOURING)
⊗	GROUNDWATER RECOVERY WELL
(ug/L)	MICROGRAMS PER LITER
(780)	TOTAL XYLENES CONCENTRATION (ug/L)
[12]	TOTAL XYLENES CONCENTRATION NOT USED IN CONTOURING (ug/L)
(ND)	LESS THAN THE REPORTING LIMITS SPECIFIED IN THE LABORATORY REPORT
— — —	APPROXIMATE XYLENES ISOCONCENTRATION CONTOUR LINE (ug/L)
(NS)	NOT SAMPLED

NOTES:
1- GROUNDWATER SAMPLES COLLECTED ON 09/24/15.
2- ALL LOCATIONS ARE APPROXIMATE.
3- CONTOUR INTERVALS AS SHOWN.

GRAPHIC SCALE
0 25 50
SCALE: 1" = 50'

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TOTAL XYLENES ISOCONCENTRATION MAP

JOHNNY'S SAV-A-SUM
HIGHWAY 601 AND FLOWES STORE ROAD
CABARRUS COUNTY, NORTH CAROLINA
SHIELD # 1002040

DATE :	10/20/15	DRAWN BY :	RBS
SCALE :	AS SHOWN	FIGURE :	6

H:\PROJECTS\2000\1002040 JOHNNY'S SAV A SUM\FIGURES\ARMR SEPT 2015.DWG

HIGHWAY 601

MIAMI CHURCH ROAD

HIGHWAY 601

FLOWES STORE ROAD

~400 FEET
WSW-3965
(NS)

~475 FEET
WSW-3910
(ND)

~450 FEET
WSW-4036
(ND)

~375 FEET
WSW-4085
(NS)

HEAVILY WOODED AREA

HEAVILY WOODED AREA

HEAVILY WOODED AREA

HEAVILY WOODED AREA

GRASS

GRASS

GRASS

FORMER SHOP

FORMER STORE

RAS

ALLEN FIRE DEPARTMENT

MW-6 (ND)

MW-7 (120)

MW-2 (85)

RW-1 (20)

MW-11R [12]

MW-1R (58)

MW-4 (1,600)

RW-4 (2,900)

RW-2 (170)

MW-3 (NS)

MW-5 [0.72J]

MW-8 (160)

MW-9 (850)

RW-5 (97)

RW-3 (9.5)

MW-12 (ND)

MW-14 (ND)

MW-17 (ND)

MW-16 (NS)

MW-10 (ND)

MW-13 (1.1)

MW-15 (ND)

1,000

100

20

N

LEGEND:

▲	GROUNDWATER MONITORING WELL
◬	DEEP BEDROCK GROUNDWATER MONITORING WELL (DATA NOT USED IN CONTOURING)
⊗	GROUNDWATER RECOVERY WELL
(ug/L)	MICROGRAMS PER LITER
MTBE	METHYL-TERTIARY-BUTYL-ETHER
(2,900)	MTBE CONCENTRATION (ug/L)
[12]	MTBE CONCENTRATIONS NOT USED IN CONTOURING (ug/L)
(ND)	LESS THAN THE REPORTING LIMITS SPECIFIED IN THE LABORATORY REPORT
— — —	APPROXIMATE MTBE ISOCONCENTRATION CONTOUR LINE (ug/L)
(NS)	NOT SAMPLED
(J)	ESTIMATED VALUE BETWEEN THE REPORTING LIMIT AND THE MDL

NOTES:
1- GROUNDWATER SAMPLES COLLECTED ON 09/24/15.
2- ALL LOCATIONS ARE APPROXIMATE.
3- CONTOUR INTERVALS AS SHOWN.

GRAPHIC SCALE
0 25 50
SCALE: 1" = 50'

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MTBE ISOCONCENTRATION MAP

JOHNNY'S SAV-A-SUM

HIGHWAY 601 AND FLOWES STORE ROAD
CABARRUS COUNTY, NORTH CAROLINA
SHIELD # 1002040

DATE :	10/20/15	DRAWN BY :	RBS
SCALE :	AS SHOWN	FIGURE :	7

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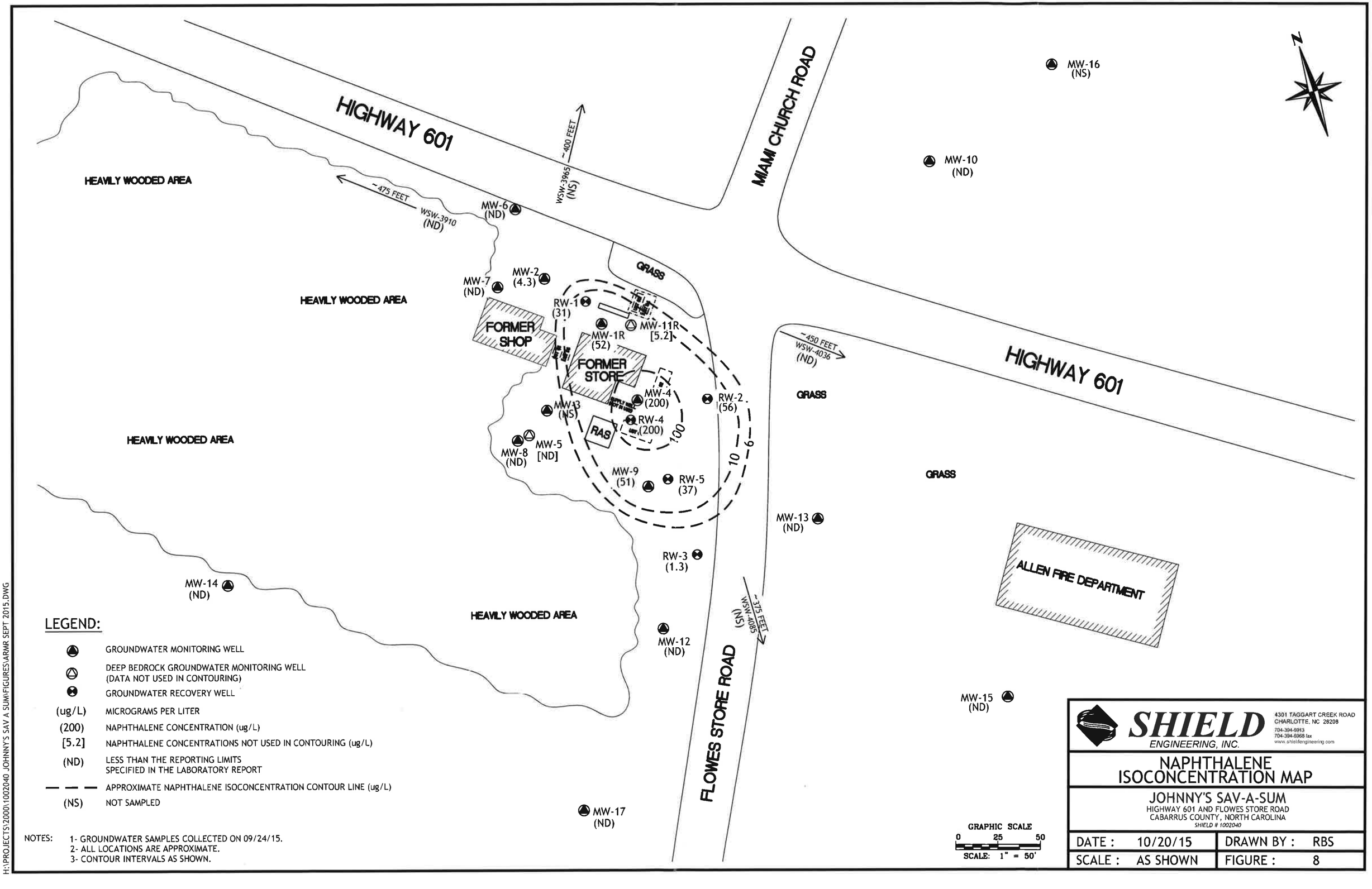

LEGEND:

▲	GROUNDWATER MONITORING WELL
△	DEEP BEDROCK GROUNDWATER MONITORING WELL (DATA NOT USED IN CONTOURING)
⊗	GROUNDWATER RECOVERY WELL
(ug/L)	MICROGRAMS PER LITER
(200)	NAPHTHALENE CONCENTRATION (ug/L)
[5.2]	NAPHTHALENE CONCENTRATIONS NOT USED IN CONTOURING (ug/L)
(ND)	LESS THAN THE REPORTING LIMITS SPECIFIED IN THE LABORATORY REPORT
— — —	APPROXIMATE NAPHTHALENE ISOCONCENTRATION CONTOUR LINE (ug/L)
(NS)	NOT SAMPLED

NOTES:
1- GROUNDWATER SAMPLES COLLECTED ON 09/24/15.
2- ALL LOCATIONS ARE APPROXIMATE.
3- CONTOUR INTERVALS AS SHOWN.

GRAPHIC SCALE
0 25 50
SCALE: 1" = 50'

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NAPHTHALENE ISOCONCENTRATION MAP

JOHNNY'S SAV-A-SUM
HIGHWAY 601 AND FLOWES STORE ROAD
CABARRUS COUNTY, NORTH CAROLINA
SHIELD # 1002040

DATE :	10/20/15	DRAWN BY :	RBS
SCALE :	AS SHOWN	FIGURE :	8

H:\PROJECTS\2000\1002040 JOHNNY'S SAV A SUM\FIGURES\ARMR SEPT 2015.DWG

HIGHWAY 601

MIAMI CHURCH ROAD

HIGHWAY 601

FLOWES STORE ROAD

HEAVILY WOODED AREA

HEAVILY WOODED AREA

HEAVILY WOODED AREA

HEAVILY WOODED AREA

GRASS

GRASS

GRASS

~400 FEET
WSW-3965
(NS)

~475 FEET
WSW-3910
(ND)

~450 FEET
WSW-4036
(ND)

~375 FEET
WSW-4085
(NS)

MW-16
(NS)

MW-10
(ND)

MW-6
(ND)

MW-7
(ND)

0.4

MW-2
(0.68)

RW-1
(ND)

MW-1R
(ND)

MW-11R
[ND]

FORMER
SHOP

FORMER
STORE

MW-4
(ND)

RW-2
(ND)

MW-3
(NS)

RW-4
(ND)

RAS

MW-8
(ND)

MW-5
[8.1]

MW-9
(ND)

RW-5
(ND)

MW-13
(ND)

RW-3
(ND)

ALLEN FIRE DEPARTMENT

MW-14
(ND)

MW-12
(ND)

MW-15
(ND)

MW-17
(ND)

LEGEND:

▲	GROUNDWATER MONITORING WELL
△	DEEP BEDROCK GROUNDWATER MONITORING WELL (DATA NOT USED IN CONTOURING)
⊗	GROUNDWATER RECOVERY WELL
(ug/L)	MICROGRAMS PER LITER
(0.68)	1,2-DICHLOROETHANE CONCENTRATION (ug/L)
[8.1]	1,2-DICHLOROETHANE CONCENTRATIONS NOT USED IN CONTOURING (ug/L)
(ND)	LESS THAN THE REPORTING LIMITS SPECIFIED IN THE LABORATORY REPORT
— — —	APPROXIMATE 1,2-DICHLOROETHANE ISOCONCENTRATION CONTOUR LINE (ug/L)
(NS)	NOT SAMPLED

NOTES:
1- GROUNDWATER SAMPLES COLLECTED ON 09/24/15.
2- ALL LOCATIONS ARE APPROXIMATE.
3- CONTOUR INTERVALS AS SHOWN.

GRAPHIC SCALE
0 25 50
SCALE: 1" = 50'

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1,2-DICHLOROETHANE ISOCONCENTRATION MAP

JOHNNY'S SAV-A-SUM

HIGHWAY 601 AND FLOWES STORE ROAD
CABARRUS COUNTY, NORTH CAROLINA
SHIELD # 1002040

DATE :	10/20/15	DRAWN BY :	RBS
SCALE :	AS SHOWN	FIGURE :	9

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TABLE(S)

TABLE 1: Water Supply Well and Receptor Information

Johnny's Sav-A-Sum

Highway 601 and Flowes Store Road, Cabarrus County, North Carolina

NCDENR GWI#: 15622

Date Information/Survey Updated: July 2007 and April 2013*

Map No.	Name	Address	Phone Number	Already connected to City or County water?	Supply Well on property?	Depth of Well	Depth of Casing	Diameter of Well	Type: drilled, bored or dug?	Screened Interval	Willing to connect to city water?
3700	Steven Sanders	3700 Highway 601	NA	Yes	Well house not observed	NA	NA	NA	NA	NA	NA
3801	AT Allen School	3801 Highway 601	NA	Yes	Yes, not in-use	Unknown	Unknown	Unknown	Unknown	Unknown	NA
3816	John Joyner	3816 Highway 601	NA	Yes	Two well houses observed	NA	NA	NA	NA	NA	NA
3848	Naly My	3848 Highway 601	NA	Yes	No	NA	NA	NA	NA	NA	NA
3860	Mitchell Helms	3860 Highway 601	NA	Yes	No	NA	NA	NA	NA	NA	NA
3872	James King	3872 Highway 601	NA	Yes	No	NA	NA	NA	NA	NA	NA
3878	WK Ballard	3878 Highway 601	704-786-1474	No	Well house not observed, but no municipal water connection	NA	NA	NA	NA	NA	NA
3910	Annie Smith	3910 Highway 601	704-782-4837	No	Yes, in-use	Unknown	Unknown	Unknown	Unknown	Unknown	No
3965	Nancy and David Spurrier	3965 Highway 601	704-782-6670	No	Yes, in-use	Unknown	Unknown	Unknown	Unknown	Unknown	Possibly in 2013
3925	Nancy Spurrier Trustee	3925 Highway 601	NA	No	Uses supply well at 3965	NA	NA	NA	NA	NA	Possibly in 2013
4130	Tim Bolton	4130 Highway 601	NA	Yes	No	NA	NA	NA	NA	NA	NA
4155	Larry Helms	4155/4135 Highway 601	NA	Yes	Well house not observed	NA	NA	NA	NA	NA	NA
4131	Robert Barnhardt	4131 Highway 601	NA	Yes	Well house observed	NA	NA	NA	NA	NA	NA
4135	Robert Barnhardt	4131 Highway 601	NA	No	Well in use	Unknown	Unknown	Unknown	Unknown	Unknown	NA Outside of 1,000'
4081	Lucy Kennedy	4081 Highway 601	NA	Yes	Well house not observed	NA	NA	NA	NA	NA	NA
4066	Larry Hinson	4066 Highway 601	NA	Yes	Well house not observed	NA	NA	NA	NA	NA	NA
4021	Love	4021 Highway 601	NA	Yes	Well house observed	NA	NA	NA	NA	NA	NA
4031	Donald Eagle	4031 Highway 601	NA	Yes	Well house not observed	NA	NA	NA	NA	NA	NA
4036	Larry Helms	4036 Highway 601	704-782-8303 (no service)	No	Yes	Unknown	Unknown	Unknown	Unknown	Unknown	NA
4024	William Cult	4024 Highway 601	NA	Yes	No	NA	NA	NA	NA	NA	NA
4000	Fire Station	4000 Highway 601	NA	Yes	No	NA	NA	NA	NA	NA	NA
4018	Trading Post (William Cult)	4018 Highway 601	NA	Yes	No	NA	NA	NA	NA	NA	NA
2144	Estate of Ruth Plummer	2144 Miami Church Road	NA	No	Yes	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
2246	Jackie and Paul Isenhour	2246 Miami Church Road	NA	Yes	Well house observed	NA	NA	NA	NA	NA	NA
4065	Leonard Newsome	4065 Flowes Store Road	NA	Yes	Well house not observed	NA	NA	NA	NA	NA	NA

TABLE 1: Water Supply Well and Receptor Information
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GWI#: 15622
Date Information/Survey Updated: July 2007 and April 2013*

Map No.	Name	Address	Phone Number	Already connected to City or County water?	Supply Well on property?	Depth of Well	Depth of Casing	Diameter of Well	Type: drilled, bored or dug?	Screened Interval	Willing to connect to city water?
4068	Edna Freeze	4068 Flowes Store Road	NA	Yes	No	NA	NA	NA	NA	NA	NA
4114	Brian Joyner	4114 Flowes Store Road (underconstruction)	NA	Yes	Well house observed	NA	NA	NA	NA	NA	NA
4160	Eugene Jackson	4160 Flowes Store Road	NA	Yes	Well house observed	NA	NA	NA	NA	NA	NA
4155	Edwin Phillips	4155 Flowes Store Road	704-786-6591	Yes	No	NA	NA	NA	NA	NA	NA
4171	Elizabeth Kennedy	4171 Flowes Store Road	NA	Yes	Well not in-use	Unknown	Unknown	Unknown	Unknown	Unknown	NA
4085	Claus or Charles Tyson	4085 Flowes Store Road	NA	No	Yes, in-use	400'	Unknown	Unknown	Unknown	Unknown	Yes
4143	Cecil Marlin	4143 Flowes Store Road	NA	Yes	Well house not observed	NA	NA	NA	NA	NA	NA
4195	Neal Black	4195 Flowes Store Road	NA	Yes	Well house not observed	NA	NA	NA	NA	NA	NA
4231	Brenda Blake	4231 Flowes Store Road	NA	Yes	Well house not observed	NA	NA	NA	NA	NA	NA
4206	Doris Mullis	4206 Flowes Store Road	704-782-8555	No	Well, but connected to municipal water	140'	Unknown	6"	Drilled	Unknown	Outside of 1,000'
4080	Ronnie Hinson	4080 Flowes Store Road (abandoned house)	NA	Yes	Well house not observed	NA	NA	NA	NA	NA	NA
JW	John Smith or Jeff Harris	Flowes Store Road (abandoned house)	NA	Water meter not observed	Well house not observed	NA	NA	NA	NA	NA	No one available to ask
4201	Allen Barbee	4201 Flowes Store Road	NA	Yes	Well house not observed	NA	NA	NA	NA	NA	NA
4240	Daniel Starnes	4240 Flowes Store Road	NA	Yes	Yes	Unknown	Unknown	Unknown	Unknown	Unknown	NA
4115	Cecil Marlin	4115 Flowes Store Road	NA	No	Well house not observed	NA	NA	NA	NA	NA	No one available to ask
4005	Roger Smith	4005 Flowes Store Road	NA	Yes	Well not in-use	Unknown	Unknown	Unknown	Unknown	Unknown	NA
4265	Hubert Edwards	4265 Flowes Store Road	NA	Yes	Well house not observed	NA	NA	NA	NA	NA	NA
3970	John Smith or Jeff Harris	3970 Highway 601 (Former Johnny's Sav-A-Sum)	NA	No	Well not in-use	Unknown	Unknown	Unknown	Unknown	Unknown	NA

NA = Not available or not applicable

* = Updates made in 2013 are from information from the City of Concord and the Cabarrus County Geographic Information System (GIS)

Table 2: Summary of Well Construction and Historical Groundwater Elevation Data
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GW#:15622

Well ID	Date Installed	Top of Casing Elevation (feet)	Well Diameter (inches)	As-built Depth (feet)	Screened Interval (feet)	Field Measurements				Field Calculations	
						Gauging Date	Total Depth (feet)	Depth to Static Water (feet)	Depth to Free Product (feet)	Diff. Between As-Built and Measured Total Depth (feet)	Ground-water Elevation (feet)
MW-1R	07/27/01	NM	2	55	35-55	12/28/98	UN	UN	UN	UN	NM
						09/24/99	UN	UN	UN	UN	NM
						02/01/00	UN	UN	UN	UN	NM
						04/24/00	UN	UN	UN	UN	NM
						10/06/00	UN	UN	UN	UN	NM
						03/15/01	UN	UN	UN	UN	NM
						09/10/01	UN	UN	UN	UN	NM
						03/12/02	UN	UN	UN	UN	NM
						09/03/02	UN	38.92	NA	UN	NM
						03/18/03	55.28	36.11	NA	-0.28	NM
						09/17/03	55.21	33.13	NA	-0.21	NM
						03/18/04	55.21	35.80	NA	-0.21	NM
						09/15/04	55.21	39.75	NA	-0.21	NM
						07/19/07	55.21	34.03	NA	-0.21	NM
						03/11/08	55.21	49.11	NA	-0.21	NM
						09/17/08	55.21	42.17	NA	-0.21	NM
						03/09/09	55.21	39.42	NA	-0.21	NM
						08/31/09	55.21	36.35	NA	-0.21	NM
						03/15/10	55.30	35.84	NA	-0.30	NM
						09/01/10	55.30	36.81	NA	-0.30	NM
						03/02/11	55.30	38.09	NA	-0.30	NM
						09/20/11	55.30	38.00	NA	-0.30	NM
		100.12				03/01/12	55.30	40.85	NA	-0.30	59.27
						09/20/12	55.30	38.99	NA	-0.30	61.13
						03/11/13	55.30	36.80	NA	-0.30	63.32
						09/19/13	55.30	33.11	NA	-0.30	67.01
						03/06/14	55.30	32.90	NA	-0.30	67.22
						09/17/14	55.30	33.19	NA	-0.30	66.93
						03/02/15	55.30	34.30	NA	-0.30	65.82
						09/24/15	55.30	36.97	NA	-0.30	63.15
MW-2	12/22/98	98.58	2	44.5	34.5-44.5	12/28/98	UN	UN	UN	UN	65.95
						09/24/99	UN	UN	UN	UN	63.74
						02/01/00	UN	UN	UN	UN	64.58
						04/24/00	UN	UN	UN	UN	66.08
						10/06/00	UN	UN	UN	UN	63.51
						03/15/01	UN	UN	UN	UN	62.94
						09/10/01	UN	UN	UN	UN	64.29
						03/12/02	UN	UN	UN	UN	62.92
						09/03/02	UN	37.42	NA	UN	61.16
						03/18/03	44.5	34.68	NA	0.00	63.90
						09/17/03	44.56	31.38	NA	-0.06	67.20
						03/18/04	44.56	34.27	NA	-0.06	64.31
						09/15/04	44.56	37.42	NA	-0.06	61.16
						07/19/07	44.56	32.66	NA	-0.06	65.92
						03/11/08	44.56	43.81	NA	-0.06	54.77
						09/17/08	44.56	38.97	NA	-0.06	59.61
						03/09/09	44.56	36.92	NA	-0.06	61.66
						08/31/09	44.56	34.94	NA	-0.06	63.64
						03/15/10	44.62	34.82	NA	-0.12	63.76
						09/01/10	44.62	35.91	NA	-0.12	62.67
						03/02/11	44.62	37.04	NA	-0.12	61.54
						09/20/11	44.62	36.74	NA	-0.12	61.84
						03/01/12	44.62	38.61	NA	-0.12	59.97
						09/20/12	44.62	38.15	NA	-0.12	60.43
						03/11/13	44.62	35.57	NA	-0.12	63.01
						09/19/13	44.62	31.83	NA	-0.12	66.75
						03/06/14	44.62	31.78	NA	-0.12	66.80
						09/17/14	44.62	31.86	NA	-0.12	66.72
						03/02/15	44.62	33.19	NA	-0.12	65.39
						09/24/17	44.62	35.86	NA	-0.12	62.72
MW-3	12/22/98	99.12	2	44	34-44	12/28/98	UN	UN	UN	UN	65.59
						09/24/99	UN	UN	UN	UN	63.68
						02/01/00	UN	UN	UN	UN	64.48
						04/24/00	UN	UN	UN	UN	66.27
						10/06/00	UN	UN	UN	UN	63.42
						03/15/01	UN	UN	UN	UN	64.74
						09/10/01	UN	UN	UN	UN	64.31
						03/12/02	UN	UN	UN	UN	62.80
						09/03/02	UN	38.02	NA	UN	61.10
						03/18/03	44.2	35.69	NA	-0.2	63.43
						09/17/03	44.28	32.18	NA	-0.28	66.94
						03/18/04	44.28	34.92	NA	-0.28	64.20
						09/15/04	Destroyed				
						07/19/07	44.28	33.26	NA	-0.28	65.86
						03/11/08	44.28	43.39	NA	-0.28	55.73
						09/17/08	44.28	39.18	NA	-0.28	59.94
						03/09/09	44.28	37.03	NA	-0.28	62.09
						08/31/09	44.28	35.64	NA	-0.28	63.48
						03/15/10	44.32	38.49	NA	-0.32	60.63
						03/02/11	44.32	39.93	NA	-0.32	59.19
						09/20/11	44.77	NM	NA	-0.77	NM
						03/01/12	44.77	41.16	NA	-0.77	57.96
						09/20/12	44.77	NM	NA	-0.77	NM
						03/11/13	44.77	36.98	NA	-0.77	62.14
						09/19/13	NM	NM	NA	NM	NM
						03/06/14	44.77	33.04	NA	-0.77	66.08
						09/17/14	NM	NM	NA	NM	NM
						03/02/15	44.77	34.56	NA	-0.77	64.56
						09/24/15	NM	NM	NA	NM	NM

Table 2: Summary of Well Construction and Historical Groundwater Elevation Data
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GW#:15622

Well ID	Date Installed	Top of Casing Elevation (feet)	Well Diameter (inches)	As-built Depth (feet)	Screened Interval (feet)	Field Measurements				Field Calculations	
						Gauging Date	Total Depth (feet)	Depth to Static Water (feet)	Depth to Free Product (feet)	Diff. Between As-Built and Measured Total Depth (feet)	Ground-water Elevation (feet)
MW-4	12/23/98	100.54	2	44	34-44	12/28/98	UN	UN	UN	UN	65.89
						09/24/99	UN	UN	UN	UN	63.72
						02/01/00	UN	UN	UN	UN	64.37
						04/24/00	UN	UN	UN	UN	66.34
						10/06/00	UN	UN	UN	UN	63.41
						03/15/01	UN	UN	UN	UN	62.82
						09/10/01	UN	UN	UN	UN	64.39
						03/12/02	UN	UN	UN	UN	61.90
						09/03/02	UN	39.41	NA	UN	61.13
						03/18/03	44.4	37.02	NA	-0.4	63.52
						09/17/03	44.31	34.79	NA	-0.31	65.75
						03/18/04	44.31	36.41	NA	-0.31	64.13
						09/15/04	44.31	39.30	NA	-0.31	61.24
						07/19/07	44.31	34.54	NA	-0.31	66.00
						03/11/08	44.31	44.35	NA	-0.31	56.19
						09/17/08	44.31	43.85	NA	-0.31	56.69
						03/09/09	44.31	39.03	NA	-0.31	61.51
						08/31/09	44.31	37.16	NA	-0.31	63.38
						03/15/10	44.45	43.99	NA	-0.45	56.55
						09/01/10	44.45	44.20	NA	-0.45	56.34
						03/02/11	44.45	44.17	NA	-0.45	56.37
						09/20/11	44.45	38.61	NA	-0.45	61.93
						03/01/12	44.45	44.30	NA	-0.45	56.24
						09/20/12	44.45	44.20	NA	-0.45	56.34
						03/11/13	44.45	37.88	NA	-0.45	62.66
						09/19/13	44.45	33.90	NA	-0.45	66.64
						03/06/14	44.45	33.96	NA	-0.45	66.58
						09/17/14	44.45	33.92	NA	-0.45	66.62
						03/02/15	44.45	35.28	NA	-0.45	65.26
						09/24/15	44.45	37.79	NA	-0.45	62.75
MW-5	12/29/98	98.97	2	91.5	86.5-91.5	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	63.73
						02/01/00	UN	UN	UN	UN	63.95
						04/24/00	UN	UN	UN	UN	NA
						10/06/00	UN	UN	UN	UN	NA
						03/15/01	UN	UN	UN	UN	NA
						09/10/01	UN	UN	UN	UN	NA
						03/12/02	UN	UN	UN	UN	63.24
						09/03/02	UN	37.32	NA	UN	61.65
						03/18/03	91.25	44.41	NA	0.25	54.56
						09/17/03	91.18	37.49	NA	0.32	61.48
						03/18/04	91.18	39.59	NA	0.32	59.38
						09/15/04	91.18	46.85	NA	0.32	52.12
						07/19/07	91.18	36.22	NA	0.32	62.75
						03/11/08	91.18	41.73	NA	0.32	57.24
						09/17/08	91.18	45.35	NA	0.32	53.62
						03/09/09	91.18	39.55	NA	0.32	59.42
						08/31/09	91.18	45.11	NA	0.32	53.86
						03/15/10	91.35	37.87	NA	0.15	61.10
						09/01/10	91.35	42.04	NA	0.15	56.93
						03/02/11	91.35	38.33	NA	0.15	60.64
						09/20/11	91.35	37.87	NA	0.15	61.10
						03/01/12	91.35	43.17	NA	0.15	55.80
						09/20/12	91.35	39.26	NA	0.15	59.71
						03/11/13	91.35	41.37	NA	0.15	57.60
						09/19/13	91.35	34.02	NA	0.15	64.95
						03/06/14	91.35	34.37	NA	0.15	64.60
						09/17/14	91.35	34.20	NA	0.15	64.77
						03/02/15	91.35	36.52	NA	0.15	62.45
						09/24/15	91.35	36.49	NA	0.15	62.48
MW-6	06/21/99	98.14	2	45	20-45	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	63.68
						02/01/00	UN	UN	UN	UN	64.72
						04/24/00	UN	UN	UN	UN	66.43
						10/06/00	UN	UN	UN	UN	63.24
						03/15/01	UN	UN	UN	UN	63.11
						09/10/01	UN	UN	UN	UN	64.22
						03/12/02	UN	UN	UN	UN	63.16
						09/03/02	UN	36.95	NA	UN	61.19
						03/18/03	45.16	33.71	NA	-0.16	64.43
						09/17/03	45.11	30.15	NA	-0.11	67.99
						03/18/04	45.11	33.57	NA	-0.11	64.57
						09/15/04	45.11	35.80	NA	-0.11	62.34
						07/19/07	45.11	32.50	NA	-0.11	65.64
						03/11/08	45.11	38.21	NA	-0.11	59.93
						09/17/08	45.11	35.94	NA	-0.11	62.20
						03/09/09	45.11	34.83	NA	-0.11	63.31
						08/31/09	45.11	34.24	NA	-0.11	63.90
						03/15/10	45.22	32.51	NA	-0.22	65.63
						09/01/10	45.22	34.10	NA	-0.22	64.04
						03/02/11	45.22	35.45	NA	-0.22	62.69
						09/20/11	45.22	36.37	NA	-0.22	61.77
						03/01/12	45.22	36.06	NA	-0.22	62.08
						09/20/12	45.22	36.73	NA	-0.22	61.41
						03/11/13	45.22	35.05	NA	-0.22	63.09
						09/19/13	45.22	31.45	NA	-0.22	66.69
						03/06/14	45.22	31.25	NA	-0.22	66.89
						09/17/14	45.27	31.33	NA	-0.27	66.81
						03/02/15	45.22	32.62	NA	-0.22	65.52
						09/24/15	45.22	35.55	NA	-0.22	62.59

Table 2: Summary of Well Construction and Historical Groundwater Elevation Data
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GW#:15622

Well ID	Date Installed	Top of Casing Elevation (feet)	Well Diameter (inches)	As-built Depth (feet)	Screened Interval (feet)	Field Measurements				Field Calculations	
						Gauging Date	Total Depth (feet)	Depth to Static Water (feet)	Depth to Free Product (feet)	Diff. Between As-Built and Measured Total Depth (feet)	Ground-water Elevation (feet)
MW-7	06/21/99	98.44	2	45	20-45	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	63.62
						02/01/00	UN	UN	UN	UN	64.57
						04/24/00	UN	UN	UN	UN	66.34
						10/06/00	UN	UN	UN	UN	63.34
						03/15/01	UN	UN	UN	UN	62.92
						09/10/01	UN	UN	UN	UN	64.17
						03/12/02	UN	UN	UN	UN	63.03
						09/03/02	UN	37.36	NA	UN	61.08
						03/18/03	45.1234.51		NA	-0.12	63.93
						09/17/03	45.17	30.79	NA	-0.17	67.65
						03/18/04	45.17	34.01	NA	-0.17	64.43
						09/15/04	45.17	36.35	NA	-0.17	62.09
						07/19/07	45.17	32.79	NA	-0.17	65.65
						03/11/08	45.17	38.87	NA	-0.17	59.57
						09/17/08	45.17	36.58	NA	-0.17	61.86
						03/09/09	45.17	35.54	NA	-0.17	62.90
						08/31/09	45.17	34.83	NA	-0.17	63.61
						03/15/10	45.17	33.81	NA	-0.17	64.63
						09/01/10	45.17	35.08	NA	-0.17	63.36
						03/02/11	45.17	36.23	NA	-0.17	62.21
						09/20/11	45.17	36.90	NA	-0.17	61.54
						03/01/12	45.17	36.90	NA	-0.17	61.54
						09/20/12	45.17	37.55	NA	-0.17	60.89
						03/11/13	45.17	35.68	NA	-0.17	62.76
						09/19/13	45.17	32.00	NA	-0.17	66.44
						03/06/14	45.17	31.83	NA	-0.17	66.61
						09/17/14	45.17	31.94	NA	-0.17	66.50
						03/02/15	45.17	33.25	NA	-0.17	65.19
						09/24/15	45.17	36.02	NA	-0.17	62.42
MW-8	06/22/99	98.68	2	45	35-45	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	63.66
						02/01/00	UN	UN	UN	UN	64.40
						04/24/00	UN	UN	UN	UN	65.80
						10/06/00	UN	UN	UN	UN	62.09
						03/15/01	UN	UN	UN	UN	62.86
						09/24/01	UN	UN	UN	UN	58.43
						03/12/02	UN	UN	UN	UN	62.79
						09/03/02	UN	37.62	NA	UN	61.06
						03/18/03	45.28	35.27	NA	-0.28	63.41
						09/17/03	45.20	31.69	NA	-0.2	66.99
						03/18/04	45.20	34.55	NA	-0.2	64.13
						09/15/04	45.20	36.95	NA	-0.20	61.73
						07/19/07	45.20	32.90	NA	-0.20	65.78
						03/11/08	45.20	41.64	NA	-0.20	57.04
						09/17/08	45.20	38.28	NA	-0.20	60.40
						03/09/09	45.20	36.49	NA	-0.20	62.19
						08/31/09	45.20	35.27	NA	-0.20	63.41
						03/15/10	45.32	37.14	NA	-0.32	61.54
						09/01/10	45.32	37.56	NA	-0.32	61.12
						03/02/11	45.32	38.52	NA	-0.32	60.16
						09/20/11	45.32	36.98	NA	-0.32	61.70
						03/01/12	45.32	39.19	NA	-0.32	59.49
						09/20/12	45.32	39.66	NA	-0.32	59.02
						03/11/13	45.32	36.05	NA	-0.32	62.63
						09/19/13	45.32	32.11	NA	-0.32	66.57
						03/06/14	45.32	32.13	NA	-0.32	66.55
						09/17/14	45.32	32.16	NA	-0.32	66.52
						03/02/15	45.32	33.56	NA	-0.32	65.12
						09/24/15	45.32	36.16	NA	-0.32	62.52
MW-9	06/22/99	99.48	2	45	30-45	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	63.54
						02/01/00	UN	UN	UN	UN	64.08
						04/24/00	UN	UN	UN	UN	65.93
						10/06/00	UN	UN	UN	UN	63.40**
						03/15/01	UN	UN	UN	UN	62.57
						09/10/01	UN	UN	UN	UN	64.17
						03/12/02	UN	UN	UN	UN	62.48
						09/03/02	UN	38.57	NA	UN	60.91
						03/18/03	45.20	37.00	NA	-0.20	62.48
						09/17/03	45.12	33.22	NA	-0.12	66.26
						03/18/04	45.12	35.56	NA	-0.12	63.92
						09/15/04	45.12	38.70	NA	-0.12	60.78
						07/19/07	45.12	34.59	NA	-0.12	64.89
						03/11/08	45.12	42.06	NA	-0.12	57.42
						09/17/08	45.12	38.40	NA	-0.12	61.08
						03/09/09	45.12	37.53	NA	-0.12	61.95
						08/31/09	45.12	36.38	NA	-0.12	63.10
						03/15/10	45.24	40.44	NA	-0.24	59.04
						09/01/10	45.24	36.63	NA	-0.24	62.85
						03/02/11	45.24	37.72	NA	-0.24	61.76
						09/20/11	45.24	37.62	NA	-0.24	61.86
						03/01/12	45.24	38.98	NA	-0.24	60.50
						09/20/12	45.24	39.53	NA	-0.24	59.95
						03/11/13	45.24	36.96	NA	-0.24	62.52
						09/19/13	45.24	32.77	NA	-0.24	66.71
						03/06/14	45.24	32.90	NA	-0.24	66.58
						09/17/14	45.24	32.87	NA	-0.24	66.61
						03/02/15	45.24	34.12	NA	-0.24	65.06
						09/24/15	45.24	36.89	NA	-0.24	62.59

Table 2: Summary of Well Construction and Historical Groundwater Elevation Data
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GW#: 15622

						Field Measurements				Field Calculations	
Well ID	Date Installed	Top of Casing Elevation (feet)	Well Diameter (inches)	As-built Depth (feet)	Screened Interval (feet)	Gauging Date	Total Depth (feet)	Depth to Static Water (feet)	Depth to Free Product (feet)	Diff. Between As-Built and Measured Total Depth (feet)	Ground-water Elevation (feet)
MW-10	06/22/99	108.06	2	50	30-50	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	62.33
						02/01/00	UN	UN	UN	UN	62.86
						04/24/00	UN	UN	UN	UN	64.43
						10/06/00	UN	UN	UN	UN	62.04
						03/15/01	UN	UN	UN	UN	61.88
						09/10/01	UN	UN	UN	UN	62.43
						03/12/02	UN	UN	UN	UN	61.45
						09/03/02	UN	40.01	NA	UN	68.05
						03/18/03	49.59	44.59	NA	0.41	63.47
						09/17/03	49.52	40.18	NA	0.48	67.88
						03/18/04	UN	UN	NA	UN	NM
						09/15/04	49.75	46.40	NA	0.25	61.66
						07/19/07	49.52	43.52	NA	0.48	64.54
						09/17/08	49.60	46.49	NA	0.40	61.57
						03/09/09	49.52	45.70	NA	0.48	62.36
						08/31/09	49.52	44.78	NA	0.48	63.28
						03/15/10	NM	NM	NA	NM	NM
						09/01/10	49.52	43.80	NA	0.48	64.26
						03/02/11	NM	NM	NM	NM	NM
						09/20/11	49.52	46.93	NA	0.48	61.13
						03/01/12	NM	NM	NM	NM	NM
						09/20/12	49.52	46.85	NA	0.48	61.21
						03/11/13	NM	NM	NM	NM	NM
						09/19/13	49.52	42.70	NA	0.48	65.36
						03/06/14	NM	NM	NM	NM	NM
						09/17/14	49.52	46.76	NA	0.48	61.30
						03/02/15	NM	NM	NA	NM	NM
						09/24/15	49.52	46.33	NA	0.48	61.73
MW-11R	07/27/01	NM	2	75	60-75	12/28/98	UN	UN	UN	UN	NM
						09/24/99	UN	UN	UN	UN	NM
						02/01/00	UN	UN	UN	UN	NM
						04/24/00	UN	UN	UN	UN	NM
						10/06/00	UN	UN	UN	UN	NM
						03/15/01	UN	UN	UN	UN	NM
						09/10/01	UN	UN	UN	UN	NM
						03/12/02	UN	UN	UN	UN	NM
						09/03/02	UN	39.03	NA	UN	NM
						03/18/03	75.20	36.34	NA	-0.20	NM
						09/17/03	75.10	33.45	NA	-0.10	NM
						03/18/04	73.15	36.02	NA	1.85	NM
						09/15/04	73.15	39.50	NA	1.85	NM
						07/19/07	76.22	34.28	NA	-1.22	NM
						03/11/08	76.22	45.43	NA	-1.22	NM
						09/17/08	76.22	42.03	NA	-1.22	NM
						03/09/09	76.22	39.40	NA	-1.22	NM
						08/31/09	76.22	36.55	NA	-1.22	NM
						03/15/10	75.22	36.11	NA	-0.22	NM
						09/01/10	75.22	37.05	NA	-0.22	NM
						03/02/11	75.22	38.24	NA	-0.22	NM
						09/20/11	75.22	38.63	NA	-0.22	NM
		100.32				03/01/12	75.22	40.82	NA	-0.22	59.50
						09/20/12	75.22	39.16	NA	-0.22	61.16
						03/11/13	75.22	36.97	NA	-0.22	63.35
						09/19/13	75.22	33.28	NA	-0.22	67.04
						03/06/14	75.22	33.10	NA	-0.22	67.22
						09/17/14	75.22	33.21	NA	-0.22	67.11
						03/02/15	75.22	34.49	NA	-0.22	65.83
						09/24/15	75.22	37.13	NA	-0.22	63.19
MW-12	09/09/99	98.57	2	43	28-43	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	63.53
						02/01/00	UN	UN	UN	UN	64.12
						04/24/00	UN	UN	UN	UN	65.97
						10/06/00	UN	UN	UN	UN	62.28
						03/15/01	UN	UN	UN	UN	62.59
						09/10/01	UN	UN	UN	UN	64.47
						03/12/02	UN	UN	UN	UN	62.67
						09/03/02	UN	37.51	NA	UN	61.06
						03/18/03	42.76	34.69	NA	0.24	63.88
						09/17/03	42.69	31.04	NA	0.31	67.53
						03/18/04	42.69	34.45	NA	0.31	64.12
						09/15/04	42.69	36.94	NA	0.31	61.63
						07/19/07	42.69	32.55	NA	0.31	66.02
						03/11/08	42.69	39.81	NA	0.31	58.76
						09/17/08	42.69	36.69	NA	0.31	61.88
						03/09/09	42.69	36.11	NA	0.31	62.46
						08/31/09	42.69	34.96	NA	0.31	63.61
						03/15/10	42.80	35.20	NA	0.20	63.37
						09/01/10	42.69	36.15	NA	0.31	62.42
						03/02/11	42.69	36.41	NA	0.31	62.16
						09/20/11	42.69	36.43	NA	0.31	62.14
						03/01/12	42.69	36.92	NA	0.31	61.65
						09/20/12	42.69	37.69	NA	0.31	60.88
						03/11/13	42.69	35.86	NA	0.31	62.71
						09/19/13	42.69	31.46	NA	0.31	67.11
						03/06/14	42.69	31.71	NA	0.31	66.86
						09/17/14	42.69	31.68	NA	0.31	66.89
						03/02/15	42.69	32.98	NA	0.31	65.59
						09/24/15	42.69	35.74	NA	0.31	62.83

Table 2: Summary of Well Construction and Historical Groundwater Elevation Data
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GW1#:15622

Well ID	Date Installed	Top of Casing Elevation (feet)	Well Diameter (inches)	As-built Depth (feet)	Screened Interval (feet)	Field Measurements				Field Calculations	
						Gauging Date	Total Depth (feet)	Depth to Static Water (feet)	Depth to Free Product (feet)	Diff. Between As-Built and Measured Total Depth (feet)	Ground-water Elevation (feet)
MW-13	09/09/99	102.74	2	50	35-50	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	63.33
						02/01/00	UN	UN	UN	UN	63.72
						04/24/00	UN	UN	UN	UN	65.44
						10/06/00	UN	UN	UN	UN	63.08
						03/15/01	UN	UN	UN	UN	62.23
						09/10/01	UN	UN	UN	UN	64.13
						03/12/02	UN	UN	UN	UN	62.29
						09/03/02	UN	41.72	NA	UN	61.02
						03/18/03	50.13	38.99	NA	-0.13	63.75
						09/17/03	50.07	34.69	NA	-0.07	68.05
						03/18/04	50.07	38.81	NA	-0.07	63.93
						09/15/04	50.07	40.08	NA	-0.07	62.66
						07/19/07	50.07	35.67	NA	-0.07	67.07
						03/11/08	50.07	43.51	NA	-0.07	59.23
						09/17/08	50.07	39.80	NA	-0.07	62.94
						03/09/09	50.07	39.54	NA	-0.07	63.20
						08/31/09	50.07	38.07	NA	-0.07	64.67
						03/15/10	50.00	36.19	NA	0.00	66.55
						09/01/10	50.07	37.17	NA	-0.07	65.57
						03/02/11	50.07	38.82	NA	-0.07	63.92
						09/20/11	50.07	39.45	NA	-0.07	63.29
						03/01/12	50.07	39.32	NA	-0.07	63.42
						09/20/12	50.07	40.01	NA	-0.07	62.73
						03/11/13	50.07	38.92	NA	-0.07	63.82
						09/19/13	50.07	34.37	NA	-0.07	68.37
						03/06/14	50.07	34.84	NA	-0.07	67.90
						09/17/14	50.07	34.73	NA	-0.07	68.01
						03/02/15	50.07	36.42	NA	-0.07	66.32
						09/24/15	50.07	38.95	NA	-0.07	63.79
MW-14	01/13/00	97.85	2	53	38-53	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	NA
						02/01/00	UN	UN	UN	UN	64.18
						04/24/00	UN	UN	UN	UN	65.83
						10/06/00	UN	UN	UN	UN	63.06
						03/15/01	UN	UN	UN	UN	62.69
						09/10/01	UN	UN	UN	UN	63.76
						03/12/02	UN	UN	UN	UN	62.61
						09/03/02	UN	37.09	NA	UN	60.76
						03/18/03	52.74	35.15	NA	0.26	62.70
						09/17/03	52.42	30.22	NA	0.58	67.63
						03/18/04	UN	UN	NA	UN	NM
						09/15/04	52.95	35.98	NA	0.05	61.87
						09/17/08	52.85	36.13	NA	0.15	61.72
						03/09/09	52.81	35.43	NA	0.19	62.42
						08/31/09	NM	NM	NM	NM	NM
						03/15/10	NM	NM	NM	NM	NM
						09/01/10	52.81	34.52	NA	0.19	63.33
						03/02/11	NM	NM	NM	NM	NM
						09/20/11	52.81	36.96	NA	0.19	60.89
						03/01/12	NM	NM	NM	NM	NM
						09/20/12	52.81	37.2	NA	0.19	60.65
						03/11/13	NM	NM	NM	NM	NM
						09/19/13	52.81	34.40	NA	0.19	63.45
						03/06/14	NM	NM	NM	NM	NM
						09/17/14	52.81	37.16	NA	0.19	60.69
						03/02/15	NM	NM	NA	NM	NM
						09/24/15	52.81	35.98	NA	0.19	61.87
MW-15	01/14/00	104.42	2	50	35-50	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	NA
						02/01/00	UN	UN	UN	UN	61.68
						04/24/00	UN	UN	UN	UN	55.02
						10/06/00	UN	UN	UN	UN	61.11
						03/15/01	UN	UN	UN	UN	60.11
						09/10/01	UN	UN	UN	UN	62.61
						03/12/02	UN	UN	UN	UN	60.57
						09/03/02	UN	45.19	NA	UN	59.23
						03/18/03	50.35	40	NA	-0.35	64.42
						09/17/03	50.28	36.11	NA	-0.28	68.31
						03/18/04	UN	UN	NA	UN	NA
						09/15/04	UN	UN	NA	UN	NA
						09/17/08	50.35	42.46	NA	-0.35	61.96
						03/09/09	50.38	41.41	NA	-0.38	63.01
						08/31/09	NM	NM	NM	NM	NM
						03/15/10	NM	NM	NM	NM	NM
						03/02/11	NM	NM	NM	NM	NM
						09/20/11	50.38	42.40	NA	-0.38	62.02
						03/01/12	NM	NM	NM	NM	NM
						09/20/12	50.38	42.52	NA	-0.38	61.90
						03/11/13	NM	NM	NM	NM	NM
						09/19/13	50.38	37.27	NA	-0.38	67.15
						03/06/14	NM	NM	NM	NM	NM
						09/17/14	50.38	42.56	NA	-0.38	61.86
						03/02/15	NM	NM	NA	NM	NM
						09/24/15	50.38	42.20	NA	-0.38	62.22

Table 2: Summary of Well Construction and Historical Groundwater Elevation Data
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GW1#:15622

Well ID	Date Installed	Top of Casing Elevation (feet)	Well Diameter (inches)	As-built Depth (feet)	Screened Interval (feet)	Field Measurements				Field Calculations	
						Gauging Date	Total Depth (feet)	Depth to Static Water (feet)	Depth to Free Product (feet)	Diff. Between As-Built and Measured Total Depth (feet)	Ground-water Elevation (feet)
MW-16	01/17/00	108.72	2	55	40-55	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	NA
						02/01/00	UN	UN	UN	UN	62.84
						04/24/00	UN	UN	UN	UN	64.39
						10/06/00	UN	UN	UN	UN	61.01
						03/15/01	UN	UN	UN	UN	61.21
						09/10/01	UN	UN	UN	UN	62.33
						03/12/02	UN	UN	UN	UN	61.41
						09/03/02	UN	48.68	NA	UN	60.04
						03/18/03	55.04	45.20	NA	-0.04	63.52
						09/17/03	55.00	40.82	NA	0.00	67.90
						03/18/04	55.00	45.07	NA	0.00	63.65
						09/15/04	55.00	47.02	NA	0.00	61.70
						03/11/08	55.00	45.88	NA	0.00	62.84
						09/17/08	55.00	47.14	NA	0.00	61.58
						03/09/09	55.10	46.24	NA	-0.10	62.48
						08/31/09	NM	NM	NM	NM	NM
						03/15/10	>50.00	42.97	NA	NM	65.75
						03/02/11	55.08	46.75	NA	NM	61.97
						09/20/11	NM	NM	NM	NM	NM
						03/01/12	55.08	46.66	NA	-0.08	62.06
						09/20/12	NM	NM	NM	NM	NM
						03/11/13	55.08	47.13	NA	-0.08	61.59
						09/19/13	NM	NM	NM	NM	NM
						03/06/14	55.08	43.60	NA	-0.08	65.12
						09/17/14	NM	NM	NM	NM	NM
						03/02/15	55.08	44.94	NA	-0.08	63.78
						09/24/15	NM	NM	NA	NM	NM
MW-17	01/17/00	94.96	2	50	35-50	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	NA
						02/01/00	UN	UN	UN	UN	63.52
						04/24/00	UN	UN	UN	UN	65.33
						10/06/00	UN	UN	UN	UN	62.65
						03/15/01	UN	UN	UN	UN	61.69
						09/10/01	UN	UN	UN	UN	64.53
						03/12/02	UN	UN	UN	UN	62.46
						09/03/02	UN	34.40	NA	UN	60.56
						03/18/03	NM	NM	NM	NM	NM
						09/17/03	54.18	26.15	NM	-4.18	68.81
						03/18/04	UN	UN	NA	UN	NM
						09/15/04	54.35	32.70	NA	-4.35	62.26
						09/17/08	54.25	32.68	NA	-4.25	62.28
						03/09/09	54.27	31.94	NA	-4.27	63.02
						08/31/09	NM	NM	NM	NM	NM
						03/15/10	NM	NM	NM	NM	NM
						03/02/11	NM	NM	NM	NM	NM
						09/20/11	54.27	32.84	NA	-4.27	62.12
						03/01/12	NM	NM	NA	NM	NM
						09/20/12	54.27	33.38	NA	-4.27	61.58
						03/11/13	NM	NM	NA	NM	NM
						09/19/13	54.27	27.92	NA	-4.27	67.04
						03/06/14	NM	NM	NA	NM	NM
						09/17/14	54.27	34.00	NA	-4.27	60.96
						03/02/15	NM	NM	NA	NM	NM
						09/24/15	54.27	32.44	NA	-4.27	62.52
RW-1	11/29/00	99.13	6	60	20-60	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	NA
						02/01/00	UN	UN	UN	UN	NA
						04/24/00	UN	UN	UN	UN	NA
						10/06/00	UN	UN	UN	UN	NA
						03/15/01	UN	UN	UN	UN	NA
						09/10/01	UN	UN	UN	UN	NA
						03/12/02	UN	UN	UN	UN	NA
						09/03/02	UN	37.83	NA	UN	61.30
						03/18/03	NM	34.93	NA	NM	64.20
						09/17/03	NM	NM	NM	NM	NM
						03/18/04	58.26	34.65	NA	1.74	64.48
						09/15/04	58.26	38.80	NA	1.74	60.33
						07/19/07	58.26	32.69	NA	1.74	66.44
						03/11/08	58.26	48.83	NA	1.74	50.30
						09/17/08	58.26	41.83	NA	1.74	57.30
						03/09/09	NM	NM	NM	NM	NM
						08/31/09	58.26	35.34	NA	0.00	63.79
						03/15/10	NM	34.34	NA	NM	64.79
						09/01/10	NM	35.56	NA	NM	63.57
						03/02/11	NM	36.90	NA	NM	NM
						09/20/11	60.00	36.91	NA	0.00	62.22
						03/01/12	60.00	40.01	NA	0.00	59.12
						09/20/12	60.00	37.85	NA	0.00	61.28
						03/11/13	60.00	35.67	NA	0.00	63.46
						09/19/13	60.00	31.70	NA	0.00	67.43
						03/06/14	60.00	31.83	NA	0.00	67.30
						09/17/14	60.00	31.79	NA	0.00	67.34
						03/02/15	60.00	33.22	NA	0.00	65.91
						09/24/15	60.00	35.86	NA	0.00	63.27

Table 2: Summary of Well Construction and Historical Groundwater Elevation Data
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GW#:15622

Well ID	Date Installed	Top of Casing Elevation (feet)	Well Diameter (inches)	As-built Depth (feet)	Screened Interval (feet)	Field Measurements				Field Calculations	
						Gauging Date	Total Depth (feet)	Depth to Static Water (feet)	Depth to Free Product (feet)	Diff. Between As-Built and Measured Total Depth (feet)	Ground-water Elevation (feet)
RW-2	11/30/00	99.09	6	60	20-60	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	NA
						02/01/00	UN	UN	UN	UN	NA
						04/24/00	UN	UN	UN	UN	NA
						10/06/00	UN	UN	UN	UN	NA
						03/15/01	UN	UN	UN	UN	NA
						09/10/01	UN	UN	UN	UN	NA
						03/12/02	UN	UN	UN	UN	NA
						09/03/02	UN	37.81	NA	UN	61.28
						03/18/03	NM	35.24	NA	NM	63.85
						09/17/03	NM	NM	NM	NM	NM
						03/18/04	58.45	34.90	NA	1.55	64.19
						09/15/04	58.45	53.00	NA	1.55	46.09
						07/19/07	58.45	32.82	NA	1.55	66.27
						03/11/08	58.45	42.26	NA	1.55	56.83
						09/17/08	58.45	46.25	NA	1.55	52.84
						03/09/09	NM	NM	NM	NM	NM
						08/31/09	58.45	46.12	NA	NM	52.97
						03/15/10	NM	46.03	NA	NM	53.06
						09/01/10	NM	45.95	NA	NM	53.14
						03/02/11	NM	46.15	NA	NM	NM
						09/20/11	60.00	36.65	NA	NM	62.44
						03/01/12	60.00	37.96	NA	NM	61.13
						09/20/12	60.00	45.71	NA	0.00	53.38
						03/11/13	60.00	35.78	NA	0.00	63.31
						09/19/13	60.00	31.38	NA	0.00	67.71
						03/06/14	60.00	31.67	NA	0.00	67.42
						09/17/14	60.00	31.57	NA	0.00	67.52
						03/02/15	60.00	33.14	NA	0.00	65.95
						09/24/15	60.00	35.56	NA	0.00	63.53
RW-3	11/30/00	98.19	6	60	20-60	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	NA
						02/01/00	UN	UN	UN	UN	NA
						04/24/00	UN	UN	UN	UN	NA
						10/06/00	UN	UN	UN	UN	NA
						03/15/01	UN	UN	UN	UN	NA
						09/10/01	UN	UN	UN	UN	NA
						03/12/02	UN	UN	UN	UN	NA
						09/03/02	UN	37.16	NA	UN	61.03
						03/18/03	NM	34.64	NA	NM	63.55
						09/17/03	NM	NM	NM	NM	NM
						03/18/04	59.73	34.14	NA	0.27	64.05
						09/15/04	59.73	52.00	NA	0.27	46.19
						07/19/07	59.73	32.28	NA	0.27	65.91
						03/11/08	59.73	52.48	NA	0.27	45.71
						09/17/08	59.73	52.53	NA	0.27	45.66
						03/09/09	NM	NM	NM	NM	NM
						08/31/09	59.73	52.42	NA	NM	45.77
						03/15/10	59.56	37.00	NA	0.44	61.19
						09/01/10	59.56	35.32	NA	0.44	62.87
						03/02/11	NM	36.48	NA	NM	NM
						09/20/11	60.00	36.00	NA	0.00	62.19
						03/01/12	60.00	37.11	NA	NM	61.08
						09/20/12	60.00	37.76	NA	0.00	60.43
						03/11/13	60.00	35.86	NA	0.00	62.33
						09/19/13	60.00	31.08	NA	0.00	67.11
						03/06/14	60.00	31.30	NA	0.00	66.89
						09/17/14	60.00	31.26	NA	0.00	66.93
						03/02/15	60.00	32.88	NA	0.00	65.31
						09/24/15	60.00	35.33	NA	0.00	62.86

Table 2: Summary of Well Construction and Historical Groundwater Elevation Data
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GW#:15622

Well ID	Date Installed	Top of Casing Elevation (feet)	Well Diameter (inches)	As-built Depth (feet)	Screened Interval (feet)	Field Measurements				Field Calculations	
						Gauging Date	Total Depth (feet)	Depth to Static Water (feet)	Depth to Free Product (feet)	Diff. Between As-Built and Measured Total Depth (feet)	Ground-water Elevation (feet)
RW-4	12/01/00	99.97	6	60	20-60	12/28/98	UN	UN	UN	UN	NA
						09/24/99	UN	UN	UN	UN	NA
						02/01/00	UN	UN	UN	UN	NA
						04/24/00	UN	UN	UN	UN	NA
						10/06/00	UN	UN	UN	UN	NA
						03/15/01	UN	UN	UN	UN	NA
						09/10/01	UN	UN	UN	UN	NA
						03/12/02	UN	UN	UN	UN	NA
						09/03/02	UN	38.90	NA	UN	61.07
						03/18/03	NM	36.36	NA	NM	63.61
						09/17/03	NM	NM	NM	NM	NM
						03/18/04	58.80	35.80	NA	1.2	64.17
						09/15/04	58.80	38.70	NA	1.2	61.27
						07/19/07	58.80	34.05	NA	1.2	65.92
						03/11/08	58.80	52.88	NA	1.2	47.09
						09/17/08	58.80	46.65	NA	1.2	53.32
						03/09/09	NM	NM	NM	NM	NM
						08/31/09	58.80	36.95	NA	NM	63.02
						03/15/10	NM	50.52	NA	NM	49.45
						09/01/10	NM	52.60	NA	NM	47.37
						03/02/11	NM	52.75	NA	NM	NM
						09/20/11	60.00	38.22	NA	0.00	61.75
						03/01/12	60.00	52.08	NA	NM	47.89
						09/20/12	60.00	51.10	NA	0.00	48.87
						03/11/13	60.00	37.30	NA	0.00	62.67
						09/19/13	60.00	33.10	NA	0.00	66.87
						03/06/14	60.00	33.23	NA	0.00	66.74
						09/17/14	60.00	33.17	NA	0.00	66.80
						03/02/15	60.00	34.65	NA	0.00	65.32
						09/24/15	60.00	37.25	NA	0.00	62.72
RW-5	01/28/10	NM	10	60	20-60	03/15/10	NM	40.66	NA	NM	NM
						09/01/10	NM	33.51	NA	NM	NM
						03/02/11	NM	34.30	NA	NM	NM
						09/20/11	60.00	37.35	NA	NM	NM
						03/01/12	60.00	38.69	NA	NM	NM
						09/20/12	60.00	39.23	NA	0.00	NM
						03/11/13	60.00	36.61	NA	0.00	NM
						09/19/13	60.00	32.36	NA	0.00	NM
						03/06/14	60.00	32.58	NA	0.00	NM
						09/17/14	60.00	32.47	NA	0.00	NM
						03/02/15	60.00	34.14	NM	0.00	NM
						09/24/15	60.00	36.58	NA	0.00	NM

Notes:

1. *Reference Point for Elevation Measurements is MW-2 with a Relative Top of Casing Elevation of 98.58 feet.*
2. *** Groundwater elevation corrected for the presence of free product.*
3. *If Free Product is Present in a Well, Groundwater Elevation is Calculated by:*
   |Top of Casing Elevation - Depth to Water| + |Free Product Thickness x 0.8581|
4. *NM = Not Measured.*
5. *NA = Not Applicable.*
6. *DRY = Insufficent Water in Well to Allow for Measurement.*
7. *UN = Information unavailable*

Table 3: Summary of Analytical Results - Groundwater Samples
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GWI #: 15622

Analytical Method --->		EPA Method 601/602									EPA 3030C
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl-Tert-Butyl-Ether	Isopropylether (IPE)	Naphthalene	1,2-Dichloroethane	Lead
15A NCAC 2L.0202 Standard-->		1	600	600	500	N/A	20	70	6	0.40	0.015
15A NCAC 2L.0115 Gross Contamination Level --->		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
MW-1R	9/24/2015	**96**	13	110	130	349	**58**	ND	**52**	ND	ND
MW-2	9/24/2015	**29**	0.52	6.1	8.1	43.72	**85**	2.4	4.3	**0.68**	ND
MW-3	9/24/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4	9/24/2015	**890**	34	160	270	1,354	**1,600**	4.2	**200**	ND	ND
MW-5	9/24/2015	ND	ND	ND	ND	ND	0.72J	ND	ND	**8.1**	ND
MW-6	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-7	9/24/2015	0.51	ND	ND	ND	0.51	**120**	ND	ND	ND	ND
MW-8	9/24/2015	ND	ND	ND	ND	ND	**160**	ND	ND	ND	ND
MW-9	9/24/2015	**420**	17	95	210	742	**850**	2.9	**51**	ND	ND
MW-10	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-11R	9/24/2015	**2**	1	18	12	33	12	ND	5.2	ND	ND
MW-12	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0072
MW-13	9/24/2015	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND
MW-14	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16	9/24/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RW-1	9/24/2015	**93**	8.5	73	65	239.5	**20**	ND	**31**	ND	ND
RW-2	9/24/2015	**31**	3.8	43	48	125.8	**170**	ND	**56**	ND	**0.22**
RW-3	9/24/2015	**4.6**	0.78	3.1	4.4	12.88	9.5	ND	1.3	ND	ND
RW-4	9/24/2015	ND	190	450	**780**	1,420	**2,900**	7.3	**200**	ND	ND
RW-5	9/24/2015	ND	67	81	120	268	**97**	1.3	**37**	ND	ND
WSW-2144	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.064**
WSW-3878	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WSW-3910	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.032**
WSW-3925/3965	9/24/2015	**NS - Not granted permission to sample by owner**									
WSW-4085	9/24/2015	**Not Sampled - Home appears occupied now, however, no one was at home to grant permission to sample**									
WSW-4036	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trip Blank	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR

Notes:
mg/L = Milligrams per liter
ug/L - Micrograms per liter
NR = Analysis not requested
ND = Not detected at or above the method dedection limit specified in the laboratory report
NS = Not sampled
< = Laboratory analytical method detection limit for the particular constituent was elevated due to high concentrations of other constituents in the sample. Therefore, the laboratory reporting limit was elevated to above the NCDENR 2L standard.
All other data can be seen in the attached laboratory report
Bold numbers indicate concentrations exceeding NCAC 2L .0202 Standards (2L Standards)
Italicized numbers indicate concentrations exceeding the Gross Contaminant Levels (GCLs)
J = Estimated value

Table 4: Summary of Historical Analytical Results - Groundwater Samples

Johnny's Sav-A-Sum

Highway 601 and Flowes Store Road, Cabarrus County, North Carolina

NCDENR GW#: 15622

Analytical Method---->		EPA Method 601/602									EPA 3030C
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl tert- butyl Ether	Isopropylether (IPE)	Naphthalene	1,2 Dichloroethane	Lead
15A NCAC 2L.0202 Standard---->		1	600	600	500	N/A	20	70	6	0.4	0.015
15A NCAC 2L.0115 Gross Contamination level---->		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l
MW-1	11/11/98	22,000	9,800	1,400	5,900	39,100	17,000	ND	330	680	34
	04/24/00	24,000	10,000	2,000	10,000	46,000	4,400	ND	NA	980	280
	10/6/2000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1R	9/10/2001	4,500	720	500	1,000	6,720	7,600	ND	280	38	ND
	3/12/2002	3,400	1,600	440	1,500	6,940	2,900	210	280	78	NA
	9/3/2002	6,700	1,500	660	2,200	11,060	5,300	ND	360	ND	ND
	3/18/2003	1,100	150	120	251	1,621	1,000	ND	230	ND	NA
	9/17/2003	1200	230	250	640	2,320	440	ND	320	ND	ND
	3/18/2004	900	ND	160	130	1,190	390	60	190	ND	NA
	9/15/2004	4,600	97	280	270	5,247	660	ND	310	<50	ND
	7/19/2007	1,500	230	430	1,065	3,225	500	ND	230	16	NA
	3/12/2008	3,300	360	540	820	5,020	830	ND	380	ND	NA
	9/17/2008	1,240	543	538	1,520	3,841	565	115	241	ND	ND
	3/10/2009	1,500	360	410	1,110	3,380	660	ND	460	ND	NA
	9/1/2009	1,100	180	420	720	2,420	470	ND	200	ND	ND
	3/15/2010	120	64	130	238	552	42	ND	58	ND	NA
	9/1/2010	30	32	80	130	272	25	ND	33	ND	NA
	3/2/2011	130	17	80	110	337	40	ND	20	ND	NA
	9/20/2011	32	29	130	200	391	37	ND	38	ND	NA
	3/1/2012	70	62	270	330	732	41	ND	64	ND	NA
	9/20/2012	21	11	64	67	163	14	ND	13	ND	NA
	3/11/2013	140	24	150	220	534	680	0.99	75	ND	NA
	9/19/2013	160	31	150	150	491	140	0.58	84	ND	NA
	3/6/2014	130	36	130	150	446	100	ND	76	ND	NA
	9/17/2014	43	13	100	59	215	45	ND	50	ND	NA
	3/2/2015	960	37	150	210	1,357	610	2.6	87	ND	ND
	9/24/2015	96	13	110	130	349	58	ND	52	ND	ND
MW-2	12/29/98	1500	170	53	140	1863	2,900	59	14	25	ND
	04/24/00	210	350	53	240	853	1,800	53	NA	37	NA
	10/06/00	38	5.7	2.9	4.7	51.3	2,100	36	NA	24	ND
	03/15/01	7	2.5	ND	ND	9.8	4,600	90	ND	47	NA
	09/10/01	530	74	14	ND	618	2,500	ND	ND	20	ND
	03/12/02	550	370	27	220	1167	730	300	ND	ND	NA
	09/03/02	630	83	43	11	767	570	140	ND	11	ND
	03/18/03	920	52	ND	79	1051	180	180	ND	ND	NA
	09/17/03	160	ND	ND	9.1	169.1	97	7.6	24	ND	ND
	03/18/04	290	14	ND	25	329	27	66	ND	ND	NA
	09/15/04	290	ND	ND	ND	290	41	36	ND	<10	ND
	07/19/07	1,500	51	73	183	1,807	570	37	78	12	NA
	09/17/08	193	ND	ND	ND	193	115	ND	ND	ND	ND
	3/10/2009	3.3	0.78 J	0.73 J	2.74	7.55	19	ND	ND	ND	NA
	9/1/2009	4.0	ND	ND	ND	4.0	15	ND	ND	ND	ND
	3/15/2010	140	1.2	2.8	11.91	156	22	0.82	8.6	1.7	NA
	9/1/2010	30	0.53	0.72	ND	31.25	32	0.76	ND	2.2	NA
	3/2/2011	38	0.85	5.2	8.4	52.45	46	1.7	5.4	1.6	NA
	9/20/2011	1.5	ND	ND	ND	1.50	45	1.7	ND	1.4	NA
	3/1/2012	ND	ND	ND	ND	ND	3.9	ND	ND	ND	NA
	9/20/2012	14	ND	0.51	ND	14.51	12	0.75	ND	0.85	NA
	3/11/2013	ND	ND	ND	ND	ND	28	0.99	ND	ND	NA
	9/19/2013	280	5.4	20	45	350.4	68	2.1	12	1.9	NA
	3/6/2014	23	ND	1.9	3.1	28	68	2	1.4	0.96	NA
	9/17/2014	6.4	ND	1.8	1.1 J	9.3	41	1.4	2.2	ND	NA
	3/2/2015	2	ND	ND	ND	2	80	2.2	0.69J	ND	ND
	9/24/2015	29	0.52	6.1	8.1	43.72	85	2.4	4.3	0.68	ND

Table 4: Summary of Historical Analytical Results - Groundwater Samples
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GW1#: 15622

Analytical Method---->		EPA Method 601/602									EPA 3030C
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl tert- butyl Ether	Isopropylether (IPE)	Naphthalene	1,2 Dichloroethane	Lead[1]
15A NCAC 2L.0202 Standard---->		1	600	600	500	N/A	20	70	6	0.4	0.015
15A NCAC 2L.0115 Gross Contamination level--->		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l
MW-3	12/29/98	17	21	14	27	79	11	5	ND	ND	ND
	04/24/00	7.5	7.9	7.9	18	41.3	16	ND	NA	ND	NA
	10/06/00	13	ND	ND	ND	13	210	ND	NA	1.6	NA
	03/15/01	ND	ND	ND	ND	ND	78	ND	ND	ND	NA
	09/10/01	140	220	98	270	728	190	ND	51	ND	NA
	03/12/02	130	78	44	79	331	320	ND	ND	ND	NA
	09/03/02	94	11	17	17	139	190	ND	ND	ND	NA
	03/18/03	24	18	12	45	99	77	18	11	ND	NA
	09/17/03	28	30	100	257	415	65	ND	90	ND	NA
	03/18/04	7.9	6	11	26.7	51.6	18	6.3	13	ND	NA
	09/15/04	NS - Destroyed									
	07/19/07	18	3.3	56	83	160.3	150	ND	38	ND	NA
	09/17/08	6.5	ND	2.1	4.1	12.7	9.9	ND	ND	ND	NA
	3/10/2009	2.5	ND	1.9	6.3	10.7	35	ND	3	ND	NA
	9/1/2009	4.3	ND	8.2	25.5	38	23	ND	7.2	ND	NA
	3/15/2010	9.2	ND	2.6	2.08	13.88	5.4	ND	2.7	ND	NA
	9/1/2010	Not Sampled - Not Required by NCDENR									
	3/2/2011	2.4	ND	1.7	1.4 J	5.5	6.2	ND	2.7	ND	NA
	9/20/2011	Not Sampled - Not Required by NCDENR									
	3/1/2012	1.7	ND	2.1	4.9	8.7	4.7	ND	ND	ND	NA
	9/20/2012	Not Sampled - Not Required by NCDENR									
	3/11/2013	150	3.8	17	20	190.8	320	0.90	4.3	ND	NA
	9/19/2013	Not Sampled - Not Required by NCDENR									
	3/6/2014	140	4.6	13	21	179	1,100	2.4	9.8	ND	NA
	9/17/2014	Not Sampled - Not Required by NCDENR									
	3/2/2015	440	18	54	76	588	1,000	3	35	ND	ND
	9/24/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4	12/29/98	4,200	6,500	690	7,400	18,790	ND	ND	360	ND	ND
	04/24/00	4,200	2,900	1,000	3,400	11,500	210	180	NA	16	28
	10/06/00	3,400	3,400	570	4,000	11,370	ND	ND	NA	ND	19
	03/15/01	4,100	3,200	1,500	5,500	14,300	230	270	2,000	ND	NA
	09/10/01	4,400	5,300	1,400	6,200	17,300	280	ND	770	ND	ND
	03/12/02	2,500	3,900	1,400	10,000	17,800	220	390	1,000	ND	NA
	09/03/02	2,400	1,800	1,000	6,700	11,900	ND	280	800	ND	16
	03/18/03	120	130	51	1,920	2,221	ND	ND	300	ND	NA
	09/17/03	920	500	250	2,190	3,860	58	ND	290	ND	0.011
	03/18/04	120	34	17	730	901	32	32	92	ND	NA
	09/15/04	190	26	53	400	669	ND	ND	72	<10	0.033
	07/19/07	1,100	38	250	477	1,865	53	170	120	6.5	NA
	3/10/2009	260	20	93	418	791	100	ND	47	ND	NA
	9/1/2009	180	23	61	239	503	62	ND	35	ND	ND
	3/15/2010	Not Sampled - insufficient water for sample									
	9/1/2010	Not Sampled - insufficient water for sample									
	3/2/2011	Not Sampled - insufficient water for sample									
	9/20/2011	520	27	100	300	947	170	ND	74	ND	NA
	3/1/2012	Not Sampled - Insufficient water for sample									
	9/20/2012	Not Sampled - insufficient water for sample									
	3/11/2013	300	10	110	200	620	180	ND	35	ND	NA
	9/19/2013	530	19	110	250	909	250	ND	43	ND	NA
	3/6/2014	530	16	88	260	894	460	ND	62	ND	NA
	9/17/2014	1,800	95	240	570	2,705	1,600	ND	170	ND	NA
	3/2/2015	2,000	83	190	380	2,653	2,200	8	160	ND	ND
	9/24/2015	890	34	160	270	1,354	1,600	4.2	200	ND	ND

Table 4: Summary of Historical Analytical Results - Groundwater Samples
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GWI#: 15622

Analytical Method---->		EPA Method 601/602									EPA 3030C
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl tert- butyl Ether	Isopropylether (IPE)	Naphthalene	1,2 Dichloroethane	Lead[1]
15A NCAC 2L.0202 Standard---->		1	600	600	500	N/A	20	70	6	0.4	0.015
15A NCAC 2L.0115 Gross Contamination level--->		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l
MW-5	12/30/98	ND	2	ND	ND	2	130	ND	ND	ND	ND
	10/06/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/03/02	1.5	1.2	ND	ND	2.7	380	ND	ND	59	NA
	03/18/03	ND	ND	ND	ND	ND	830	ND	ND	49	NR
	09/17/03	ND	ND	ND	ND	ND	820	ND	ND	57	NA
	03/18/04	ND	ND	ND	ND	ND	600	ND	ND	ND	NA
	09/15/04	<20	ND	ND	ND	<20	730	ND	<40	31	NA
	07/19/07	ND	ND	ND	ND	ND	ND	ND	ND	11	NA
	03/12/08	ND	ND	ND	ND	ND	ND	ND	ND	18	NA
	09/17/08	ND	ND	ND	ND	ND	ND	ND	ND	16.9	NA
	3/10/2009	ND	ND	ND	ND	ND	43	ND	ND	16	NA
	9/1/2009	ND	ND	ND	ND	ND	6.7	ND	ND	7.9	NA
	3/15/2010	ND	ND	ND	ND	ND	3.5	ND	ND	17	NA
	9/1/2010	ND	ND	ND	ND	ND	1.8	ND	ND	13	NA
	3/2/2011	ND	ND	ND	ND	ND	0.88 J	ND	ND	9.0	NA
	9/20/2011	ND	ND	ND	ND	ND	1.4	ND	ND	8.5	NA
	3/1/2012	ND	ND	ND	ND	ND	2.4	ND	ND	6.6	NA
	9/20/2012	ND	ND	ND	ND	ND	ND	ND	ND	7.4	NA
	3/11/2013	ND	ND	ND	ND	ND	ND	ND	ND	6.2	NA
	9/19/2013	ND	ND	ND	ND	ND	ND	ND	ND	12	NA
	3/6/2014	ND	ND	ND	ND	ND	9.2	ND	ND	11	NA
	9/17/2014	ND	ND	ND	ND	ND	ND	0.58	ND	14	NA
	3/2/2015	ND	ND	ND	ND	ND	17	0.58	ND	9.4	ND
	9/24/2015	ND	ND	ND	ND	ND	0.72J	ND	ND	8.1	ND
MW-6	06/30/99	ND	ND	ND	ND	ND	6.6	ND	ND	ND	120
	04/24/00	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
	10/06/00	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
	03/15/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/10/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/12/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/03/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/15/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	07/19/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/12/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/17/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/10/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/1/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/15/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/1/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/2/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/20/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/1/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/20/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/11/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/19/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/6/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/17/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/2/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 4: Summary of Historical Analytical Results - Groundwater Samples
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GWI#: 15622

Analytical Method--->		EPA Method 601/602									EPA 3030C
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl tert- butyl Ether	Isopropylether (IPE)	Naphthalene	1,2 Dichloroethane	Lead[1]
15A NCAC 2L.0202 Standard--->		1	600	600	500	N/A	20	70	6	0.4	0.015
15A NCAC 2L.0115 Gross Contamination level--->		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l
MW-7	06/30/99	ND	ND	ND	ND	ND	370	11	ND	3.8	79
	04/24/00	1.6	3.8	1.2	3.1	9.7	150	ND	NA	ND	ND
	10/06/00	ND	ND	ND	ND	ND	430	6.4	NA	1.3	NA
	03/15/01	ND	ND	ND	ND	ND	260	ND	ND	ND	NA
	09/10/01	11	ND	ND	ND	11	290	5.9	ND	ND	NA
	03/12/02	ND	ND	ND	ND	ND	64	ND	ND	1.2	NA
	09/03/02	ND	ND	ND	ND	ND	61	ND	ND	ND	NA
	03/18/03	ND	ND	ND	ND	ND	11	ND	ND	ND	NA
	09/17/03	ND	ND	ND	ND	ND	5.4	ND	ND	ND	NA
	03/18/04	ND	ND	ND	ND	ND	2.5	ND	ND	ND	NA
	09/15/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	07/19/07	21	1.1	ND	ND	22.1	270	ND	ND	ND	NA
	03/12/08	ND	ND	ND	ND	ND	4.4 J	ND	ND	ND	NA
	09/17/08	ND	ND	ND	ND	ND	7.6	ND	ND	ND	NA
	3/10/2009	ND	ND	ND	ND	ND	1.1 J	ND	ND	ND	NA
	9/1/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/15/2010	ND	ND	ND	ND	ND	1.2	ND	ND	ND	NA
	9/1/2010	ND	ND	ND	ND	ND	1.2	ND	ND	ND	NA
	3/2/2011	0.66	ND	ND	ND	0.66	1.2	ND	ND	ND	NA
	9/20/2011	ND	ND	ND	ND	ND	2.4	ND	ND	ND	NA
	3/1/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/20/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/11/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/19/2013	1.1	ND	ND	ND	1.1	60	ND	ND	ND	NA
	3/6/2014	ND	ND	ND	ND	ND	96	ND	ND	ND	NA
	9/17/2014	ND	ND	ND	ND	ND	80	ND	ND	ND	NA
	3/2/2015	ND	ND	ND	ND	ND	80	0.53	ND	ND	ND
	9/24/2015	0.51	ND	ND	ND	0.51	120	ND	ND	ND	ND
MW-8	06/30/99	6	ND	ND	ND	6	120	ND	ND	ND	170
	04/24/00	ND	ND	ND	ND	ND	54	ND	NA	ND	ND
	10/06/00	ND	ND	ND	ND	ND	49	ND	ND	ND	NA
	03/15/01	ND	ND	ND	ND	ND	110	ND	ND	ND	NA
	09/24/01	23	ND	ND	ND	23	300	ND	ND	ND	NA
	03/12/02	4.3	ND	ND	3.7	8	380	ND	ND	ND	NA
	09/03/02	ND	ND	ND	ND	ND	85	ND	ND	ND	NA
	03/18/03	25	1.6	ND	4.8	31.4	110	4.6	ND	ND	NA
	09/17/03	ND	ND	ND	ND	ND	66	ND	ND	ND	NA
	03/18/04	ND	ND	ND	ND	ND	20	ND	ND	ND	NA
	09/15/04	ND	ND	ND	ND	ND	22	ND	ND	ND	NA
	07/19/07	ND	ND	ND	ND	ND	13	ND	ND	ND	NA
	03/12/08	ND	ND	ND	ND	ND	140	ND	ND	ND	NA
	09/17/08	ND	ND	ND	ND	ND	8.2	ND	ND	ND	NA
	3/10/2009	ND	ND	ND	ND	ND	33	ND	ND	ND	NA
	9/1/2009	ND	ND	ND	ND	ND	13	ND	ND	ND	NA
	3/15/2010	18	1.1	0.64	2.6	22.34	16	ND	2.6	ND	NA
	9/1/2010	ND	ND	ND	ND	ND	2.8	ND	ND	ND	NA
	3/2/2011	1.4	ND	0.51	ND	1.91	3.3	ND	ND	ND	NA
	9/20/2011	ND	ND	ND	ND	ND	5.6	ND	ND	ND	NA
	3/1/2012	ND	ND	ND	ND	ND	2.5	ND	ND	ND	NA
	9/20/2012	ND	ND	ND	ND	ND	1	ND	ND	ND	NA
	3/11/2013	ND	ND	ND	ND	ND	1.3	ND	ND	ND	NA
	9/16/2013	0.9	ND	ND	ND	0.9	120	ND	ND	ND	NA
	3/6/2014	22	ND	ND	0.76J	22.76J	490	0.89	ND	ND	NA
	9/17/2014	0.64	ND	ND	ND	0.64	85	ND	ND	ND	NA
	3/2/2015	5.5	ND	ND	ND	5.5	120	ND	ND	ND	ND
	9/24/2015	ND	ND	ND	ND	ND	160	ND	ND	ND	ND

Table 4: Summary of Historical Analytical Results - Groundwater Samples
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GWI#: 15622

Analytical Method---->		EPA Method 601/602									EPA 3030C
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl tert- butyl Ether	Isopropylether (IPE)	Naphthalene	1,2 Dichloroethane	Lead[1]
15A NCAC 2L.0202 Standard—->		1	600	600	500	N/A	20	70	6	0.4	0.015
15A NCAC 2L.0115 Gross Contamination level—>		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l
MW-9	06/30/99	1,100	2,200	270	1,900	5,470	2,800	ND	42	ND	200
	04/24/00	3,100	3,000	270	1,800	8,170	3,600	80	NA	78	NA
	10/06/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/01	4,200	1,500	630	3,700	10,030	6,000	ND	ND	200	NA
	09/10/01	970	140	130	1,400	2,640	5,000	84	190	290	ND
	03/12/02	480	120	37	350	987	5,000	120	170	240	NA
	09/03/02	470	82	ND	180	732	5,200	ND	ND	130	ND
	03/18/03	2,800	1,200	ND	1,030	5,030	3,900	98	ND	ND	NA
	09/17/03	2,100	470	ND	800	3,730	3,400	ND	ND	ND	0.016
	03/18/04	830	130	ND	320	1,280	990	ND	78	ND	NA
	09/15/04	1,500	73	<50	ND	1,573	1,200	ND	<100	<50	ND
	07/19/07	1,300	420	84	750	2,554	3,700	83	73	3.8	NA
	03/12/08	2,800	93	26	197	3,116	1,700	ND	72	15	NA
	09/17/08	1,390	263	ND	458	2,111	2,990	ND	ND	ND	ND
	3/10/2009	810	140	26	211	1,187	1,300	ND	72	ND	NA
	9/1/2009	1,200	190	38	370	1,798	1,600	ND	26	ND	ND
	3/15/2010	3,800	470	120	1,530	5,920	2,900	ND	140	23	NA
	9/1/2010	2,000	260	160	970	3,390	460	ND	320	22	NA
	3/2/2011	750	95	100	530	1,475	300	ND	210	8.1	NA
	9/20/2011	870	74	77	280	1,301	360	ND	120	ND	NA
	3/1/2012	1,100	100	71	470	1,741	620	2.6	67	ND	NA
	9/20/2012	1,000	36	89	370	1,495	540	2.9	54	ND	NA
	3/11/2013	690	28	73	210	1,001	820	2.8	17	ND	NA
	9/19/2013	510	19	73	200	802	770	2.8	23	0.75	NA
	3/6/2014	400	15	54	140	609	680	2.5	24	0.91	NA
	9/17/2014	930	25	130	330	1,415	1,100	4.6	41	ND	NA
	3/2/2015	490	13	58	67	628	1,000	3.9	33	ND	ND
	9/24/2015	420	17	95	210	742	850	2.9	51	ND	ND
MW-10	06/30/99	6.9	32	3.4	22	64.30	ND	ND	ND	ND	150
	07/26/99	2	5.80	ND	3.90	11.70	ND	ND	NA	NA	NA
	04/24/00	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
	10/06/00	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
	03/15/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/10/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/12/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/03/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/18/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/18/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	09/15/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	07/19/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/17/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/1/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/1/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/2/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/20/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/1/2012	Not Sampled - Not Required by NCDENR									
	9/20/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/11/2013	Not Sampled - Not required by NCDENR									
	9/19/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/6/2014	Not Sampled - Not required by NCDENR									
	9/17/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/2/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 4: Summary of Historical Analytical Results - Groundwater Samples
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GWI#: 15622

Analytical Method---->		EPA Method 601/602									EPA 3030C
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl tert- butyl Ether	Isopropylether (IPE)	Naphthalene	1,2 Dichloroethane	Lead[1]
15A NCAC 2L.0202 Standard---->		1	600	600	500	N/A	20	70	6	0.4	0.015
15A NCAC 2L.0115 Gross Contamination level---->		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	**Date**	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l
MW-11	08/12/99	ND	ND	ND	ND	ND	3,500	ND	ND	42	ND
	04/25/00	1.1	ND	ND	ND	1.1	3,200	5.7	NA	55	NA
	10/06/00	1.2	ND	ND	ND	1.2	4,400	11	NA	43	NA
	3/15/01**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11R	09/10/01	4,900	1,100	720	1,800	8,520	5,300	ND	380	ND	NA
	03/12/02	4,700	4,700	970	3,500	13,870	2,000	71	340	48	NA
	09/03/02	4,500	2,500	710	2,600	10,310	2,900	ND	320	14	NA
	03/18/03	86	59	50	106	301	330	ND	32	ND	NA
	09/17/03	110	43	49	105	307	250	ND	37	ND	NA
	03/18/04	58	15	32	46	151	270	ND	25	ND	NA
	09/15/04	1,200	270	240	550	2,260	310	ND	140	<10	NA
	07/19/07	400	170	240	575	1,385	170	40	93	ND	NA
	03/11/08	140	79	70	133	422	450	ND	23	4.6	NA
	09/17/08	72	61.1	50.8	119	302.9	469	ND	ND	ND	NA
	3/10/2009	320	120	130	349	919	520	ND	68	6.4	NA
	9/1/2009	12	2.0	0.81J	14.5	29.31 J	66	ND	1.2	ND	NA
	3/15/2010	0.58	ND	2.8	0.57 J	3.95 J	19	ND	ND	ND	NA
	9/1/2010	ND	ND	1.4	ND	1.4	18	ND	ND	ND	NA
	3/2/2011	0.95	ND	2	0.59 J	3.5 J	25	ND	ND	ND	NA
	9/20/2011	ND	ND	1.1	ND	1.1	28	ND	ND	ND	NA
	3/1/2012	3.2	4.2	20	19	46.4	96	ND	2.8	0.85	NA
	9/20/2012	ND	ND	1.2	ND	1.2	9.4	ND	ND	ND	NA
	3/11/2013	9.3	2.1	20	13	44.4	60	ND	5.9	ND	NA
	9/19/2013	5.4	3	17	16	41.4	22	ND	5.3	ND	NA
	3/6/2014	20	12	46	66	144.0	21	ND	19	ND	NA
	9/17/2014	ND	ND	2.6	ND	2.6	20	ND	ND	ND	NA
	3/2/2015	20	11	48	60	139	25	ND	23	ND	ND
	9/24/2015	2	1	18	12	33	12	ND	5.2	ND	ND

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Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GWI#: 15622

Analytical Method---->		EPA Method 601/602									EPA 3030C
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl tert- butyl Ether	Isopropylether (IPE)	Naphthalene	1,2 Dichloroethane	Lead[1]
15A NCAC 2L.0202 Standard---->		1	600	600	500	N/A	20	70	6	0.4	0.015
15A NCAC 2L.0115 Gross Contamination level--->		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l
MW-12	09/21/99	ND	ND	ND	ND	ND	**200**	ND	ND	3.1	**28**
	04/24/00	ND	ND	ND	ND	ND	**71**	ND	NA	ND	**34**
	10/06/00	ND	ND	ND	ND	ND	**550**	ND	NA	2.9	NA
	03/15/01	ND	ND	ND	ND	ND	**480**	ND	ND	ND	NA
	09/10/01	ND	ND	ND	ND	ND	9.3	ND	ND	ND	NA
	03/12/02	ND	ND	ND	ND	ND	**190**	ND	ND	2.1	NA
	09/03/02	ND	ND	ND	ND	ND	**120**	ND	ND	1.2	NA
	03/18/03	ND	ND	ND	ND	ND	2.8	ND	ND	ND	NA
	09/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/15/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	07/19/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/12/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/17/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/10/2009	ND	ND	ND	1.2 J	1.2 J	ND	ND	3.1	ND	NA
	9/1/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/15/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/1/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/2/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/20/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/1/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/20/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/11/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/19/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/6/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/17/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/2/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012
	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0072
MW-13	09/09/99	ND	8.80	ND	11	19.8	**490**	ND	ND	1.8	ND
	04/24/00	ND	ND	ND	ND	ND	**800**	ND	NA	ND	NA
	10/06/00	1.4	ND	ND	ND	1.40	**880**	2.6	NA	2	NA
	03/15/01	ND	ND	ND	ND	ND	**1,200**	ND	ND	ND	NA
	09/10/01	ND	ND	ND	ND	ND	**590**	ND	ND	ND	NA
	03/12/02	2.2	1.3	6.1	4.4	14	**270**	11	ND	ND	NA
	09/03/02	ND	ND	ND	ND	ND	**52**	ND	ND	ND	NA
	03/18/03	40	54	13	280	387	33	8.4	150	ND	NA
	09/17/03	17	6.7	ND	88	111.7	59	ND	75	ND	NA
	03/18/04	11	4.5	7.4	8.2	31.1	29	ND	35	ND	NA
	09/15/04	ND	ND	ND	ND	ND	4.7	ND	3.1	<1	NA
	07/19/07	ND	ND	ND	ND	ND	4.4 J	ND	ND	ND	NA
	03/11/08	ND	ND	ND	ND	ND	3.0 J	ND	ND	ND	NA
	09/17/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/10/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/1/2009	ND	ND	ND	ND	ND	3.2J	ND	ND	ND	NA
	3/15/2010	ND	ND	ND	ND	ND	9.3	ND	ND	ND	NA
	9/1/2010	ND	ND	ND	ND	ND	7.3	ND	ND	ND	NA
	3/2/2011	ND	ND	ND	ND	ND	7.7	ND	ND	ND	NA
	9/20/2011	ND	ND	ND	ND	ND	5.6	ND	ND	ND	NA
	3/1/2012	ND	ND	0.73	ND	0.73	4.2	ND	ND	ND	NA
	9/20/2012	ND	ND	ND	ND	ND	2.3	ND	ND	ND	NA
	3/11/2013	ND	ND	ND	ND	ND	4.6	ND	ND	ND	NA
	9/19/2013	ND	ND	ND	ND	ND	3	ND	ND	ND	NA
	3/6/2014	ND	ND	ND	ND	ND	1.2	ND	ND	ND	NA
	9/17/2014	ND	ND	ND	ND	ND	0.51 J	ND	ND	ND	NA
	3/2/2015	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND
	9/24/2015	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND

Table 4: Summary of Historical Analytical Results - Groundwater Samples
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GWI#: 15622

Analytical Method---->		EPA Method 601/602									EPA 3030C
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl tert- butyl Ether	Isopropylether (IPE)	Naphthalene	1,2 Dichloroethane	Lead[1]
15A NCAC 2L.0202 Standard---->		1	600	600	500	N/A	20	70	6	0.4	0.015
15A NCAC 2L.0115 Gross Contamination level---->		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l
MW-14	01/26/00	ND	ND	ND	ND	ND	ND	ND	NA	ND	24
	04/24/00	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
	10/06/00	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
	03/15/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/10/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/12/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/03/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/18/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/18/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	06/16/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	10/29/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/17/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/01/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/02/11	Not Sampled - Not required by NCDENR									
	9/20/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/1/2012	Not Sampled - Not required by NCDENR									
	9/20/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/11/2013	Not Sampled - Not required by NCDENR									
	9/19/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/6/2014	Not Sampled - Not required by NCDENR									
	9/17/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/2/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	01/26/00	ND	ND	ND	ND	ND	29	ND	NA	ND	ND
	04/24/00	ND	ND	ND	ND	ND	8.4	ND	NA	ND	NA
	10/06/00	ND	ND	ND	ND	ND	18	ND	NA	ND	NA
	03/15/01	ND	ND	ND	ND	ND	11	ND	ND	ND	NA
	09/10/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/12/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/03/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/18/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	09/15/04	NS - Unable to Locate									
	10/29/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/17/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/01/10	Not Sampled - Not required by NCDENR									
	03/02/11	Not Sampled - Not required by NCDENR									
	9/20/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/1/2012	Not Sampled - Not required by NCDENR									
	9/20/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/11/2013	Not Sampled - Not required by NCDENR									
	9/19/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/6/2014	Not Sampled - Not required by NCDENR									
	9/17/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/2/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 4: Summary of Historical Analytical Results - Groundwater Samples
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GW1#: 15622

Analytical Method---->		EPA Method 601/602									EPA 3030C
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl tert- butyl Ether	Isopropylether (IPE)	Naphthalene	1,2 Dichloroethane	Lead[1]
15A NCAC 2L.0202 Standard---->		1	600	600	500	N/A	20	70	6	0.4	0.015
15A NCAC 2L.0115 Gross Contamination level--->		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l
MW-16	01/26/00	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
	04/24/00	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
	10/06/00	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
	03/15/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/10/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/12/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/03/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/15/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	10/29/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/11/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/17/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/10/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/15/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/1/2010	Not Sampled - Not required by NCDENR									
	3/2/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/20/2011	Not Sampled - Not required by NCDENR									
	3/1/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/20/2012	Not Sampled - Not required by NCDENR									
	3/11/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/19/2013	Not Sampled - Not required by NCDENR									
	3/6/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/17/2014	Not Sampled - Not required by NCDENR									
	3/2/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/24/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17	01/26/00	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
	04/24/00	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
	10/06/00	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
	03/15/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/10/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/12/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/03/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/18/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	03/18/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	09/16/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	10/29/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/17/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/01/10	Not Sampled - Not required by NCDENR									
	03/02/11	Not Sampled - Not required by NCDENR									
	9/20/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/1/2012	Not Sampled - Not required by NCDENR									
	9/20/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/11/2013	Not Sampled - Not required by NCDENR									
	9/19/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/6/2014	Not Sampled - Not required by NCDENR									
	9/17/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/2/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 4: Summary of Historical Analytical Results - Groundwater Samples
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GW1#: 15622

Analytical Method---->		EPA Method 601/602									EPA 3030C
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl tert- butyl Ether	Isopropylether (IPE)	Naphthalene	1,2 Dichloroethane	Lead[1]
15A NCAC 2L.0202 Standard---->		1	600	600	500	N/A	20	70	6	0.4	0.015
15A NCAC 2L.0115 Gross Contamination level---->		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l
RW-1	03/12/02	3,300	3,400	890	3,800	11,390	690	190	380	32	NA
	10/11/02	240	140	ND	420	800	730	ND	ND	ND	NA
	03/18/03	70	46	29	132	277	160	15	29	ND	NA
	09/23/03	190	56	42	179	467	160	ND	59	8.5	NA
	03/18/04	36	18	20	77	151	60	1.5	23	2.0	NA
	09/16/04	790	230	99	340	1,459	120	ND	77	6.9	NA
	07/19/07	2,200	180	390	1,390	4,160	160	43	180	5.7	NA
	03/11/08	89	35	21	83	228	120	ND	26	ND	NA
	09/17/08	307	56.4	35.5	244	642.9	119	ND	48.7	ND	NA
	3/10/2009	180	38	4.9	168	390.9	120	ND	20	1	NA
	9/1/2009	2.6	ND	0.88J	5.3J	9.18J	25	ND	ND	ND	NA
	3/15/2010	100	2.3	65	11.9	179.2	140	ND	13	ND	NA
	9/1/2010	400	72	74	140	686	130	ND	39	2.6	NA
	3/2/2011	71	8	26	55	160	25	ND	12	ND	NA
	9/20/2011	440	30	110	210	790	35	ND	56	ND	NA
	3/1/2012	57	8.3	18	36	119.3	19	ND	6.7	ND	NA
	10/2/2012	30	3.6	10	25	68.6	40	ND	6.7	ND	NA
	3/11/2013	73	11	42	59	185	45	ND	10	ND	NA
	9/19/2013	660	32	190	300	1,182	35	0.89	91	0.7	NA
	3/6/2014	1,400	47	370	600	2,417	46	1.4	240	ND	NA
	9/17/2014	95	3.8	40	13	151.8	13	ND	5.4	ND	NA
	3/2/2015	970	37	240	210	1,457	79	1.3	120	ND	ND
	9/24/2015	93	8.5	73	65	239.5	20	ND	31	ND	ND
RW-2	03/12/02	5,200	6,800	1,200	6,100	19,300	1,800	290	440	48	NA
	10/11/02	990	1,800	410	3,100	6,300	540	87	330	ND	NA
	03/18/03	210	260	71	500	1041	150	33	67	ND	NA
	09/23/03	1,000	650	110	1,250	3,010	490	27	170	18	NA
	03/18/04	700	410	140	850	2,100	530	46	120	ND	NA
	09/16/04	270	23	ND	275	568	510	ND	66	<20	NA
	07/19/07	170	76	140	450	836	48	32	130	ND	NA
	09/17/08	ND	ND	ND	ND	ND	63.5	ND	ND	ND	NA
	3/10/2009	250	81	66	192	589	130	ND	33	0.73 J	NA
	9/1/2009	15	2.3	2.0	21	40.3	230	ND	1.1	0.98J	NA
	3/15/2010	ND	ND	ND	ND	ND	100	ND	ND	ND	NA
	9/1/2010	14	0.87	0.62	1.3	16.79	150	ND	ND	2.6	NA
	3/2/2011	ND	ND	ND	ND	ND	120	ND	ND	0.93	NA
	9/20/2011	440	44	210	440	1,134	59	0.59	260	ND	NA
	3/1/2012	15	ND	ND	ND	15	7.8	ND	ND	ND	NA
	10/2/2012	15	1.4	5.8	18	40.2	32	ND	5.4	ND	NA
	3/11/2013	180	23	170	300	673	110	ND	150	ND	NA
	9/19/2013	170	11	95	91	367	30	ND	97	ND	NA
	3/6/2014	87	8	89	79	263	8.7	ND	80	ND	NA
	9/17/2014	4,100	340	740	1,300	6,480	2,500	11	280	ND	NA
	3/17/2015	5,800	510	1,200	2,000	9,510	4,500	9.3	730	ND	ND
	9/24/2015	31	3.8	4.3	48	125.8	170	ND	56	ND	0.22

Table 4: Summary of Historical Analytical Results - Groundwater Samples
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GWI#: 15622

Analytical Method---->		EPA Method 601/602									EPA 3030C
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl tert- butyl Ether	Isopropylether (IPE)	Naphthalene	1,2 Dichloroethane	Lead[1]
15A NCAC 2L.0202 Standard---->		1	600	600	500	N/A	20	70	6	0.4	0.015
15A NCAC 2L.0115 Gross Contamination level---->		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l
RW-3	03/12/02	**35**	34	9.8	42	120.8	**1,300**	12	5.7	**6.2**	NA
	10/11/02	**50**	50	12	170	282	**280**	8.8	**42**	**1.8**	NA
	03/18/03	ND	6.7	ND	ND	6.7	**130**	ND	ND	ND	NA
	09/23/03	**210**	88	23	184	505	**190**	6.8	**44**	ND	NA
	03/18/04	**13**	9	2.8	22.1	46.9	**87**	ND	ND	ND	NA
	09/16/04	**2.7**	ND	ND	ND	2.7	**64**	ND	ND	<2	NA
	07/19/07	**31**	3.1	5.9	13.3	53.3	**170**	ND	6.7	ND	NA
	03/11/08	**4.4**	0.70 J	ND	2	**7.1**	**140**	ND	ND	ND	NA
	09/17/08	**45.8**	**11.1**	6.7	55.3	118.9	**141**	ND	8.6	ND	NA
	3/10/2009	**4.2**	1.1	0.98 J	3.9	9.2	**96**	ND	3.2	ND	NA
	9/1/2009	ND	ND	ND	ND	ND	**77**	ND	ND	ND	NA
	3/15/2010	**34**	1.6	16	22.2	73.8	**11**	ND	**12**	ND	NA
	9/1/2010	**9.8**	ND	4.5	ND	14.3	20	ND	4.4	ND	NA
	3/2/2011	**2.4**	ND	1	.53 J	3.93	**25**	ND	ND	ND	NA
	9/20/2011	**4**	ND	3.6	ND	7.6	13	ND	ND	ND	NA
	3/1/2012	ND	ND	0.5	ND	0.5	**11**	ND	ND	ND	NA
	9/20/2012	0.78	ND	2.4	ND	3.18	3.7	ND	ND	ND	NA
	3/11/2013	**2**	ND	ND	ND	2	9.4	ND	ND	ND	NA
	9/19/2013	**22**	0.54	8.1	13	43.64	9.1	ND	4.6	ND	NA
	3/6/2014	**22**	ND	**11**	16	49	7.5	ND	4.4	ND	NA
	9/17/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/2/2015	**16**	0.54	7.5	7.7	31.74	9.5	ND	2.6	ND	ND
	9/24/2015	**4.6**	0.78	3.1	4.4	12.88	9.5	ND	1.3	ND	ND
RW-4	03/12/02	**1,400**	**2,200**	**580**	**2,700**	6,880	**730**	**140**	**270**	ND	NA
	10/11/02	**670**	**2,300**	**650**	**5,100**	8,720	**390**	ND	**280**	ND	NA
	03/18/03	**290**	220	77	490	1,077	**360**	20	**120**	ND	NA
	09/23/03	**570**	350	110	**780**	1,810	**340**	39	**160**	ND	NA
	03/18/04	**180**	170	49	350	749	**210**	19	**64**	ND	NA
	09/16/04	**10**	4.1	8.6	29	52	**42**	1.8	**30**	**1.2**	NA
	07/19/07	**4,500**	620	**580**	**1,740**	7,440	**1,100**	**140**	**290**	**11**	NA
	03/11/08	**170**	79	26	200	475	**230**	ND	33	ND	NA
	09/17/08	**1,140**	261	164	**677**	2,242	**559**	25.7	**107**	**12.2**	NA
	3/10/2009	**350**	94	90	222	756	**150**	19	**47**	**0.89 J**	NA
	9/1/2009	**22**	8.6	**11**	39	80.6	**110**	ND	**14**	ND	NA
	3/15/2010	**1,000**	190	280	**632**	2,102	**270**	ND	**140**	ND	NA
	9/1/2010	**700**	170	210	**420**	1,500	**170**	ND	**100**	**5.0**	NA
	3/2/2011	**580**	130	**170**	380	1,260	**250**	ND	**89**	ND	NA
	9/20/2011	**1,400**	200	350	**690**	2,640	**530**	ND	**120**	ND	NA
	3/1/2012	**260**	53	55	190	558	**170**	ND	**40**	ND	NA
	9/20/2012	**300**	54	81	200	635	**130**	ND	**55**	**1.6**	NA
	3/11/2013	**1,900**	120	280	**560**	2,860	**2,400**	5	**150**	ND	NA
	9/19/2013	**5,500**	320	**700**	**1,300**	7,820	**4,800**	10	**420**	ND	NA
	3/6/2014	**4,900**	250	**630**	**1,300**	7,080	**4,200**	10	**300**	ND	NA
	9/17/2014	*5,700*	390	**820**	**1,400**	8,310	**3,600**	10	**260**	ND	NA
	3/17/2015	*6,700*	410	**930**	**1,600**	9,640	**5,000**	9.6	**480**	ND	ND
	9/24/2015	ND	190	450	**780**	1,420	**2,900**	7.3	**200**	ND	ND

Table 4: Summary of Historical Analytical Results - Groundwater Samples
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GW1#: 15622

Analytical Method---->		EPA Method 601/602									EPA 3030C
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl tert- butyl Ether	Isopropylether (IPE)	Naphthalene	1,2 Dichloroethane	Lead[1]
15A NCAC 2L.0202 Standard---->		1	600	600	500	N/A	20	70	6	0.4	0.015
15A NCAC 2L.0115 Gross Contamination level--->		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l
RW-5	3/15/2010	670	430	68	470	1,638	140	8.1	28	ND	NA
	9/1/2010	46	23	6.5	38	113.5	59	ND	13	2.3	NA
	3/2/2011	2.8	1.8	0.84	3.1	8.5	24	ND	0.63 J	ND	NA
	9/20/2011	120	1.3	3.7	4.9	129.9	150	0.97	4.6	ND	NA
	3/1/2012	100	21	31	70	222	74	ND	14	1.3	NA
	9/20/2012	110	17	48	61	236	69	0.51	16	ND	NA
	3/11/2013	140	16	45	52	253	160	0.66	12	ND	NA
	9/19/2013	740	61	150	260	1,211	230	1.3	43	ND	NA
	3/6/2014	1,300	100	240	450	2,090	340	1.8	67	ND	NA
	9/17/2014	2,900	350	740	1,700	5,690	560	3.1	250	ND	NA
	3/2/2015	3,300	290	720	1,400	5,710	560	2.9	270	ND	ND
	9/24/2015	ND	67	81	120	268	97	1.3	37	ND	ND
WSW-2144	9/16/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/29/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/2/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/20/2011	Not Sampled - Not required by NCDENR									
	3/1/2012	Not Sampled - Not required by NCDENR									
	9/20/2012	Not Sampled - Not required by NCDENR									
	3/11/2013	Not Sampled - Not required by NCDENR									
	9/19/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/6/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/17/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/2/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.064
WSW-3878	9/16/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/29/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/01/09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/2/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/2011	Not Sampled - Not required by NCDENR									
	3/1/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/2012	Not Sampled - Not required by NCDENR									
	3/11/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/19/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0073
	3/6/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/17/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.018
	3/2/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GWI#: 15622

Analytical Method--->		EPA Method 601/602									EPA 3030C
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl tert- butyl Ether	Isopropylether (IPE)	Naphthalene	1,2 Dichloroethane	Lead[1]
15A NCAC 2L.0202 Standard--->		1	600	600	500	N/A	20	70	6	0.4	0.015
15A NCAC 2L.0115 Gross Contamination level--->		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l
WSW-3910	06/09/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/25/00	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
	10/6/00*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/15/01*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/12/02*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/03/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/18/03	ND	ND	ND	ND	ND	1.8	ND	ND	ND	ND
	09/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0023
	03/18/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/16/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	07/19/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/12/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	09/17/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/10/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/1/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0014 J
	9/1/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/2/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/1/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/11/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0061
	9/19/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/6/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/7/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011
	3/2/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.036
	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.032
WSW-3925/3965	11/3/1999	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/25/00*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/15/04*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/2/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/20/2011	Not Sampled - Not granted permission to sample by owner									
	3/1/2012	Not Sampled - Not granted permission to sample by owner									
	9/20/2012	Not Sampled - Not granted permission to sample by owner									
	3/11/2013	Not Sampled - Not granted permission to sample by owner									
	9/19/2013	Not Sampled - Not granted permission to sample by owner									
	3/6/2014	Not Sampled - Not granted permission to sample by owner									
	9/17/2014	Not Sampled - Not granted permission to sample by owner									
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	9/24/2015	Not Sampled - Not granted permission to sample by owner									

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Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GWI#: 15622

Analytical Method---->		EPA Method 601/602									EPA 3030C
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15A NCAC 2L.0202 Standard---->		1	600	600	500	N/A	20	70	6	0.4	0.015
15A NCAC 2L.0115 Gross Contamination level---->		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l
WSW-4036	1/26/2000	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
	4/25/2000	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
	10/6/2000	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
	3/15/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/10/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	18
	3/12/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/3/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/18/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/17/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/18/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.056
	9/16/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/17/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/10/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/1/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0025J
	3/2/2011 ****	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/1/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/11/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/19/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/6/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/17/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/2/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WSW-4080	11/03/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/25/00***	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WSW-4085	9/3/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/18/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/17/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0013
	3/18/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0018J
	9/16/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/2/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/20/2011	Not Sampled - No power to well - home unoccupied									
	3/1/2012	Not Sampled - No power to well - home unoccupied									
	9/20/2012	Not Sampled - No power to well - home unoccupied									
	3/11/2013	Not Sampled - Home appears occupied now, however, no one was at home to grant permission to sample									
	9/19/2013	Not Sampled - Home appears occupied now, however, no one was at home to grant permission to sample									
	3/6/2014	Not Sampled - Home appears occupied now, however, no one was at home to grant permission to sample									
	9/17/2014	Not Sampled - Home appears occupied now, however, no one was at home to grant permission to sample									
	3/2/2015	Not Sampled - Home appears occupied now, however, no one was at home to grant permission to sample									
	9/24/2015	Not Sampled - Home appears occupied now, however, no one was at home to grant permission to sample									

Table 4: Summary of Historical Analytical Results - Groundwater Samples
Johnny's Sav-A-Sum
Highway 601 and Flowes Store Road, Cabarrus County, North Carolina
NCDENR GWI#: 15622

Analytical Method---->		EPA Method 601/602									EPA 3030C
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Methyl tert- butyl Ether	Isopropylether (IPE)	Naphthalene	1,2 Dichloroethane	Lead
15A NCAC 2L.0202 Standard---->		1	600	600	500	N/A	20	70	6	0.4	0.015
15A NCAC 2L.0115 Gross Contamination level--->		5,000	260,000	84,500	85,500	N/A	20,000	70,000	6,000	400	15
Location	Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l
TRIP BLANK	10/29/2007	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/11/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/17/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/1/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/15/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/1/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/2/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/20/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/1/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/2012	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/11/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/19/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/6/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	9/17/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/2/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/24/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR

Notes:

mg/l = Milligrams per liter.

ug/l = Micrograms per liter.

NA = Analysis not requested.

ND = Not detected at or above the method detection limit specified in the laboratory report.

NS = Not sampled.

J = Estimated value.

< = Laboratory analytical method detection limit for the particular constituent was elevated due to high concentrations of other constituents in the sample. Therefore, the laboratory reporting limit was elevated to above the NCDENR 2L standard.

Bold numbers indicate concentrations exceeding NCAC 2L .0202 Standards (2L Standards)

Italicized numbers indicate concentrations exceeding the Gross Contaminant Levels (GCLs)

All other data can be seen in the laboratory reports.

* Resident would not allow samples to be collected from her residence.

** Monitoring well was abandoned before contaminated soil was excavated at the site.

*** Pump in supply well does not work and supply well is no longer in-use.

**** Concentrations of Bromodichloromethane and Chloroform were detected in the sample which is indicative of municipal water.

APPENDIX A

PRISM LABORATORIES, INC.
Full-Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert No. 37735
VA Certification No. 460211
DoD ELAP: L-A-B Accredited Certificate No. L2307
ISO/IEC 17025: L-A-B Accredited Certificate No. L2307

Case Narrative

10/12/2015

Shield Engineering, Inc.
Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Lab Submittal Date: 09/25/2015
Prism Work Order: 5090457

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

Robbi A. Jones
President/Project Manager

Reviewed By Robbi A. Jones
President/Project Manager

Data Qualifiers Key Reference:

D	RPD value outside of the control limits.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
L	Parameter reported with possible low bias. LCS recovery below the QC limit.
L2	LCSD recovery outside of the QC limits. LCS recovery within the limits. No further action taken.
LH	High LCS recovery. Analyte not detected in the sample(s). No further action taken.
SR	Surrogate recovery outside the QC limits.
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

Sample Receipt Summary

10/12/2015

Prism Work Order: 5090457

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
MW-1R	5090457-01	Water	09/24/15	09/25/15
MW-2	5090457-02	Water	09/24/15	09/25/15
MW-4	5090457-03	Water	09/24/15	09/25/15
MW-5	5090457-04	Water	09/24/15	09/25/15
MW-6	5090457-05	Water	09/24/15	09/25/15
MW-7	5090457-06	Water	09/24/15	09/25/15
MW-8	5090457-07	Water	09/24/15	09/25/15
MW-9	5090457-08	Water	09/24/15	09/25/15
MW-10	5090457-09	Water	09/24/15	09/25/15
MW-11R	5090457-10	Water	09/24/15	09/25/15
MW-12	5090457-11	Water	09/24/15	09/25/15
MW-13	5090457-12	Water	09/24/15	09/25/15
MW-14	5090457-13	Water	09/24/15	09/25/15
MW-15	5090457-14	Water	09/24/15	09/25/15
MW-17	5090457-15	Water	09/24/15	09/25/15
RW-1	5090457-16	Water	09/24/15	09/25/15
RW-2	5090457-17	Water	09/24/15	09/25/15
RW-3	5090457-18	Water	09/24/15	09/25/15
RW-4	5090457-19	Water	09/24/15	09/25/15
RW-5	5090457-20	Water	09/24/15	09/25/15
WSW-4036	5090457-21	Water	09/24/15	09/25/15
WSW-2144	5090457-22	Water	09/24/15	09/25/15
3878	5090457-23	Water	09/24/15	09/25/15
3910	5090457-24	Water	09/24/15	09/25/15
Trip Blank	5090457-25	Water	09/24/15	09/25/15

Samples were received in good condition at 0.9 degrees C unless otherwise noted.

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Summary of Detections

10/12/2015

Prism Work Order: 5090457

Prism ID	Client ID	Parameter	Method	Result	Units
5090457-01	MW-1R	1,2,4-Trimethylbenzene	SM6200 B	22	ug/L
5090457-01	MW-1R	1,2-Dichloropropane	SM6200 B	0.79	ug/L
5090457-01	MW-1R	1,3,5-Trimethylbenzene	SM6200 B	7.6	ug/L
5090457-01	MW-1R	4-Isopropyltoluene	SM6200 B	1.3	ug/L
5090457-01	MW-1R	Benzene	SM6200 B	96	ug/L
5090457-01	MW-1R	Ethylbenzene	SM6200 B	110	ug/L
5090457-01	MW-1R	Isopropylbenzene (Cumene)	SM6200 B	16	ug/L
5090457-01	MW-1R	m,p-Xylenes	SM6200 B	130	ug/L
5090457-01	MW-1R	Methyl-tert-Butyl Ether	SM6200 B	58	ug/L
5090457-01	MW-1R	Naphthalene	SM6200 B	52	ug/L
5090457-01	MW-1R	n-Butylbenzene	SM6200 B	5.2	ug/L
5090457-01	MW-1R	n-Propylbenzene	SM6200 B	36	ug/L
5090457-01	MW-1R	o-Xylene	SM6200 B	7.3	ug/L
5090457-01	MW-1R	sec-Butylbenzene	SM6200 B	3.8	ug/L
5090457-01	MW-1R	tert-Butylbenzene	SM6200 B	0.53	ug/L
5090457-01	MW-1R	Toluene	SM6200 B	13	ug/L
5090457-01	MW-1R	Xylenes, total	SM6200 B	130	ug/L
5090457-02	MW-2	1,2,4-Trimethylbenzene	SM6200 B	6.1	ug/L
5090457-02	MW-2	1,2-Dichloroethane	SM6200 B	0.68	ug/L
5090457-02	MW-2	1,3,5-Trimethylbenzene	SM6200 B	0.77	ug/L
5090457-02	MW-2	Benzene	SM6200 B	29	ug/L
5090457-02	MW-2	Ethylbenzene	SM6200 B	6.1	ug/L
5090457-02	MW-2	Isopropyl Ether	SM6200 B	2.4	ug/L
5090457-02	MW-2	Isopropylbenzene (Cumene)	SM6200 B	0.92	ug/L
5090457-02	MW-2	m,p-Xylenes	SM6200 B	8.1	ug/L
5090457-02	MW-2	Methyl-tert-Butyl Ether	SM6200 B	85	ug/L
5090457-02	MW-2	Naphthalene	SM6200 B	4.3	ug/L
5090457-02	MW-2	n-Propylbenzene	SM6200 B	1.3	ug/L
5090457-02	MW-2	sec-Butylbenzene	SM6200 B	1.4	ug/L
5090457-02	MW-2	tert-Butylbenzene	SM6200 B	0.50	ug/L
5090457-02	MW-2	Toluene	SM6200 B	0.52	ug/L
5090457-02	MW-2	Xylenes, total	SM6200 B	8.1	ug/L
5090457-03	MW-4	1,2,4-Trimethylbenzene	SM6200 B	58	ug/L
5090457-03	MW-4	1,3,5-Trimethylbenzene	SM6200 B	110	ug/L
5090457-03	MW-4	4-Isopropyltoluene	SM6200 B	3.8	ug/L
5090457-03	MW-4	Benzene	SM6200 B	890	ug/L
5090457-03	MW-4	Ethylbenzene	SM6200 B	160	ug/L
5090457-03	MW-4	Isopropyl Ether	SM6200 B	4.2	ug/L
5090457-03	MW-4	Isopropylbenzene (Cumene)	SM6200 B	21	ug/L
5090457-03	MW-4	m,p-Xylenes	SM6200 B	250	ug/L
5090457-03	MW-4	Methyl-tert-Butyl Ether	SM6200 B	1600	ug/L
5090457-03	MW-4	Naphthalene	SM6200 B	200	ug/L
5090457-03	MW-4	n-Butylbenzene	SM6200 B	3.7	ug/L
5090457-03	MW-4	n-Propylbenzene	SM6200 B	32	ug/L

Summary of Detections

10/12/2015

Prism Work Order: 5090457

Prism ID	Client ID	Parameter	Method	Result		Units
5090457-03	MW-4	o-Xylene	SM6200 B	25		ug/L
5090457-03	MW-4	sec-Butylbenzene	SM6200 B	5.4		ug/L
5090457-03	MW-4	Toluene	SM6200 B	34		ug/L
5090457-03	MW-4	Xylenes, total	SM6200 B	270		ug/L
5090457-04	MW-5	1,2-Dichloroethane	SM6200 B	8.1		ug/L
5090457-04	MW-5	Methyl-tert-Butyl Ether	SM6200 B	0.72	J	ug/L
5090457-06	MW-7	Benzene	SM6200 B	0.51		ug/L
5090457-06	MW-7	Methyl-tert-Butyl Ether	SM6200 B	120		ug/L
5090457-07	MW-8	Methyl-tert-Butyl Ether	SM6200 B	160		ug/L
5090457-08	MW-9	1,2,4-Trimethylbenzene	SM6200 B	20		ug/L
5090457-08	MW-9	1,3,5-Trimethylbenzene	SM6200 B	12		ug/L
5090457-08	MW-9	Benzene	SM6200 B	420		ug/L
5090457-08	MW-9	Ethylbenzene	SM6200 B	95		ug/L
5090457-08	MW-9	Isopropyl Ether	SM6200 B	2.9		ug/L
5090457-08	MW-9	Isopropylbenzene (Cumene)	SM6200 B	9.8		ug/L
5090457-08	MW-9	m,p-Xylenes	SM6200 B	170		ug/L
5090457-08	MW-9	Methyl-tert-Butyl Ether	SM6200 B	850		ug/L
5090457-08	MW-9	Naphthalene	SM6200 B	51		ug/L
5090457-08	MW-9	n-Butylbenzene	SM6200 B	4.5		ug/L
5090457-08	MW-9	n-Propylbenzene	SM6200 B	14		ug/L
5090457-08	MW-9	o-Xylene	SM6200 B	38		ug/L
5090457-08	MW-9	sec-Butylbenzene	SM6200 B	2.5		ug/L
5090457-08	MW-9	tert-Butylbenzene	SM6200 B	0.81		ug/L
5090457-08	MW-9	Toluene	SM6200 B	17		ug/L
5090457-08	MW-9	Xylenes, total	SM6200 B	210		ug/L
5090457-10	MW-11R	Benzene	SM6200 B	2.0		ug/L
5090457-10	MW-11R	Ethylbenzene	SM6200 B	18		ug/L
5090457-10	MW-11R	Isopropylbenzene (Cumene)	SM6200 B	2.4		ug/L
5090457-10	MW-11R	m,p-Xylenes	SM6200 B	11		ug/L
5090457-10	MW-11R	Methyl-tert-Butyl Ether	SM6200 B	12		ug/L
5090457-10	MW-11R	Naphthalene	SM6200 B	5.2		ug/L
5090457-10	MW-11R	n-Propylbenzene	SM6200 B	5.5		ug/L
5090457-10	MW-11R	o-Xylene	SM6200 B	1.1		ug/L
5090457-10	MW-11R	Toluene	SM6200 B	1.0		ug/L
5090457-10	MW-11R	Xylenes, total	SM6200 B	12		ug/L
5090457-11	MW-12	Lead	*6010C	0.0072		mg/L
5090457-12	MW-13	Methyl-tert-Butyl Ether	SM6200 B	1.1		ug/L
5090457-16	RW-1	1,2,4-Trimethylbenzene	SM6200 B	22		ug/L
5090457-16	RW-1	1,3,5-Trimethylbenzene	SM6200 B	7.4		ug/L
5090457-16	RW-1	Benzene	SM6200 B	93		ug/L
5090457-16	RW-1	Ethylbenzene	SM6200 B	73		ug/L
5090457-16	RW-1	Isopropylbenzene (Cumene)	SM6200 B	7.6		ug/L
5090457-16	RW-1	m,p-Xylenes	SM6200 B	61		ug/L
5090457-16	RW-1	Methyl-tert-Butyl Ether	SM6200 B	20		ug/L
5090457-16	RW-1	Naphthalene	SM6200 B	31		ug/L

Summary of Detections

10/12/2015

Prism Work Order: 5090457

Prism ID	Client ID	Parameter	Method	Result		Units
5090457-16	RW-1	n-Butylbenzene	SM6200 B	2.1		ug/L
5090457-16	RW-1	n-Propylbenzene	SM6200 B	17		ug/L
5090457-16	RW-1	o-Xylene	SM6200 B	3.7		ug/L
5090457-16	RW-1	sec-Butylbenzene	SM6200 B	1.6		ug/L
5090457-16	RW-1	Toluene	SM6200 B	8.5		ug/L
5090457-16	RW-1	Xylenes, total	SM6200 B	65		ug/L
5090457-17	RW-2	Lead	*6010C	0.22		mg/L
5090457-17	RW-2	1,1-Dichloroethane	SM6200 B	0.97		ug/L
5090457-17	RW-2	1,2,4-Trimethylbenzene	SM6200 B	170		ug/L
5090457-17	RW-2	1,3,5-Trimethylbenzene	SM6200 B	18		ug/L
5090457-17	RW-2	4-Isopropyltoluene	SM6200 B	3.7		ug/L
5090457-17	RW-2	Benzene	SM6200 B	31		ug/L
5090457-17	RW-2	Ethylbenzene	SM6200 B	43		ug/L
5090457-17	RW-2	Isopropylbenzene (Cumene)	SM6200 B	13		ug/L
5090457-17	RW-2	m,p-Xylenes	SM6200 B	45		ug/L
5090457-17	RW-2	Methyl-tert-Butyl Ether	SM6200 B	170		ug/L
5090457-17	RW-2	Naphthalene	SM6200 B	56		ug/L
5090457-17	RW-2	n-Butylbenzene	SM6200 B	18		ug/L
5090457-17	RW-2	n-Propylbenzene	SM6200 B	41		ug/L
5090457-17	RW-2	o-Xylene	SM6200 B	2.5		ug/L
5090457-17	RW-2	sec-Butylbenzene	SM6200 B	6.8		ug/L
5090457-17	RW-2	Toluene	SM6200 B	3.8		ug/L
5090457-17	RW-2	Vinyl acetate	SM6200 B	1.5	J	ug/L
5090457-17	RW-2	Xylenes, total	SM6200 B	48		ug/L
5090457-18	RW-3	1,2,4-Trimethylbenzene	SM6200 B	4.2		ug/L
5090457-18	RW-3	1,3,5-Trimethylbenzene	SM6200 B	0.64		ug/L
5090457-18	RW-3	Benzene	SM6200 B	4.6		ug/L
5090457-18	RW-3	Ethylbenzene	SM6200 B	3.1		ug/L
5090457-18	RW-3	Isopropylbenzene (Cumene)	SM6200 B	0.62		ug/L
5090457-18	RW-3	m,p-Xylenes	SM6200 B	3.6		ug/L
5090457-18	RW-3	Methyl-tert-Butyl Ether	SM6200 B	9.5		ug/L
5090457-18	RW-3	Naphthalene	SM6200 B	1.3		ug/L
5090457-18	RW-3	n-Propylbenzene	SM6200 B	0.57		ug/L
5090457-18	RW-3	o-Xylene	SM6200 B	0.77		ug/L
5090457-18	RW-3	Toluene	SM6200 B	0.78		ug/L
5090457-18	RW-3	Xylenes, total	SM6200 B	4.4		ug/L
5090457-19	RW-4	1,2,4-Trimethylbenzene	SM6200 B	440		ug/L
5090457-19	RW-4	1,3,5-Trimethylbenzene	SM6200 B	120		ug/L
5090457-19	RW-4	Ethylbenzene	SM6200 B	450		ug/L
5090457-19	RW-4	Isopropyl Ether	SM6200 B	7.3		ug/L
5090457-19	RW-4	Isopropylbenzene (Cumene)	SM6200 B	32		ug/L
5090457-19	RW-4	m,p-Xylenes	SM6200 B	720		ug/L
5090457-19	RW-4	Methyl Isobutyl Ketone	SM6200 B	20		ug/L
5090457-19	RW-4	Methyl-tert-Butyl Ether	SM6200 B	2900		ug/L
5090457-19	RW-4	Naphthalene	SM6200 B	200		ug/L

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
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Summary of Detections

10/12/2015

Prism Work Order: 5090457

Prism ID	Client ID	Parameter	Method	Result	Units
5090457-19	RW-4	n-Propylbenzene	SM6200 B	71	ug/L
5090457-19	RW-4	o-Xylene	SM6200 B	58	ug/L
5090457-19	RW-4	Toluene	SM6200 B	190	ug/L
5090457-19	RW-4	Xylenes, total	SM6200 B	780	ug/L
5090457-20	RW-5	1,1-Dichloroethane	SM6200 B	2.1	ug/L
5090457-20	RW-5	1,2,4-Trimethylbenzene	SM6200 B	120	ug/L
5090457-20	RW-5	1,3,5-Trimethylbenzene	SM6200 B	26	ug/L
5090457-20	RW-5	4-Isopropyltoluene	SM6200 B	1.5	ug/L
5090457-20	RW-5	Ethylbenzene	SM6200 B	81	ug/L
5090457-20	RW-5	Isopropyl Ether	SM6200 B	1.3	ug/L
5090457-20	RW-5	Isopropylbenzene (Cumene)	SM6200 B	13	ug/L
5090457-20	RW-5	m,p-Xylenes	SM6200 B	98	ug/L
5090457-20	RW-5	Methyl-tert-Butyl Ether	SM6200 B	97	ug/L
5090457-20	RW-5	Naphthalene	SM6200 B	37	ug/L
5090457-20	RW-5	n-Propylbenzene	SM6200 B	29	ug/L
5090457-20	RW-5	o-Xylene	SM6200 B	25	ug/L
5090457-20	RW-5	sec-Butylbenzene	SM6200 B	1.2	ug/L
5090457-20	RW-5	Toluene	SM6200 B	67	ug/L
5090457-20	RW-5	Xylenes, total	SM6200 B	120	ug/L
5090457-21	WSW-4036	Chloroform	SM6200 B	1.2	ug/L
5090457-22	WSW-2144	Lead	*6010C	0.064	mg/L
5090457-24	3910	Lead	*6010C	0.032	mg/L

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-1R
Prism Sample ID: 5090457-01
Prism Work Order: 5090457
Time Collected: 09/24/15 11:40
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0052	0.0013	1	*6010C	9/28/15 16:05	BGM	P5I0479
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,2,4-Trimethylbenzene	**22**	**ug/L**	**0.50**	**0.054**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,2-Dichloropropane	**0.79**	**ug/L**	**0.50**	**0.11**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**
1,3,5-Trimethylbenzene	**7.6**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
4-Isopropyltoluene	**1.3**	**ug/L**	**0.50**	**0.089**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Benzene	**96**	**ug/L**	**0.50**	**0.048**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/5/15 18:41	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-1R
Prism Sample ID: 5090457-01
Prism Work Order: 5090457
Time Collected: 09/24/15 11:40
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Ethylbenzene	**110**	**ug/L**	**5.0**	**0.61**	**10**	**SM6200 B**	**10/5/15 19:07**	**CGP**	**P5J0131**
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Isopropylbenzene (Cumene)	**16**	**ug/L**	**0.50**	**0.054**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**
m,p-Xylenes	**130**	**ug/L**	**1.0**	**0.12**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Methyl-tert-Butyl Ether	**58**	**ug/L**	**1.0**	**0.042**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**
Naphthalene	**52**	**ug/L**	**1.0**	**0.19**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**
n-Butylbenzene	**5.2**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**
n-Propylbenzene	**36**	**ug/L**	**0.50**	**0.087**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**
o-Xylene	**7.3**	**ug/L**	**0.50**	**0.044**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**
sec-Butylbenzene	**3.8**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
tert-Butylbenzene	**0.53**	**ug/L**	**0.50**	**0.088**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Toluene	**13**	**ug/L**	**0.50**	**0.044**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/5/15 18:41	CGP	P5J0131
Xylenes, total	**130**	**ug/L**	**1.5**	**0.15**	**1**	**SM6200 B**	**10/5/15 18:41**	**CGP**	**P5J0131**

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*128 %*	*70-130*	
Dibromofluoromethane	*117 %*	*70-130*	
Toluene-d8	*147 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 5090457-02
Prism Work Order: 5090457
Time Collected: 09/24/15 11:45
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0051	0.0013	1	*6010C	9/28/15 16:30	BGM	P5I0479
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,2,4-Trimethylbenzene	**6.1**	**ug/L**	**0.50**	**0.054**	**1**	**SM6200 B**	**10/5/15 19:33**	**CGP**	**P5J0131**
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,2-Dichloroethane	**0.68**	**ug/L**	**0.50**	**0.066**	**1**	**SM6200 B**	**10/5/15 19:33**	**CGP**	**P5J0131**
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,3,5-Trimethylbenzene	**0.77**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/5/15 19:33**	**CGP**	**P5J0131**
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Benzene	**29**	**ug/L**	**0.50**	**0.048**	**1**	**SM6200 B**	**10/5/15 19:33**	**CGP**	**P5J0131**
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/5/15 19:33	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 5090457-02
Prism Work Order: 5090457
Time Collected: 09/24/15 11:45
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Ethylbenzene	**6.1**	**ug/L**	**0.50**	**0.061**	**1**	**SM6200 B**	**10/5/15 19:33**	**CGP**	**P5J0131**
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Isopropyl Ether	**2.4**	**ug/L**	**0.50**	**0.050**	**1**	**SM6200 B**	**10/5/15 19:33**	**CGP**	**P5J0131**
Isopropylbenzene (Cumene)	**0.92**	**ug/L**	**0.50**	**0.054**	**1**	**SM6200 B**	**10/5/15 19:33**	**CGP**	**P5J0131**
m,p-Xylenes	**8.1**	**ug/L**	**1.0**	**0.12**	**1**	**SM6200 B**	**10/5/15 19:33**	**CGP**	**P5J0131**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Methyl-tert-Butyl Ether	**85**	**ug/L**	**1.0**	**0.042**	**1**	**SM6200 B**	**10/5/15 19:33**	**CGP**	**P5J0131**
Naphthalene	**4.3**	**ug/L**	**1.0**	**0.19**	**1**	**SM6200 B**	**10/5/15 19:33**	**CGP**	**P5J0131**
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
n-Propylbenzene	**1.3**	**ug/L**	**0.50**	**0.087**	**1**	**SM6200 B**	**10/5/15 19:33**	**CGP**	**P5J0131**
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
sec-Butylbenzene	**1.4**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/5/15 19:33**	**CGP**	**P5J0131**
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
tert-Butylbenzene	**0.50**	**ug/L**	**0.50**	**0.088**	**1**	**SM6200 B**	**10/5/15 19:33**	**CGP**	**P5J0131**
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Toluene	**0.52**	**ug/L**	**0.50**	**0.044**	**1**	**SM6200 B**	**10/5/15 19:33**	**CGP**	**P5J0131**
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/5/15 19:33	CGP	P5J0131
Xylenes, total	**8.1**	**ug/L**	**1.5**	**0.15**	**1**	**SM6200 B**	**10/5/15 19:33**	**CGP**	**P5J0131**

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*131 %*	*70-130*	*SR*
Dibromofluoromethane	*116 %*	*70-130*	
Toluene-d8	*145 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-4
Prism Sample ID: 5090457-03
Prism Work Order: 5090457
Time Collected: 09/24/15 11:55
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0051	0.0013	1	*6010C	9/28/15 16:39	BGM	P5I0479
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	2.5	0.56	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	2.5	0.31	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	2.5	0.18	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	2.5	0.33	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	2.5	0.42	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	2.5	0.41	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	2.5	0.26	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	2.5	2.0	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	2.5	0.68	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	2.5	0.66	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,2,4-Trimethylbenzene	**58**	**ug/L**	**2.5**	**0.27**	**5**	**SM6200 B**	**10/5/15 19:59**	**CGP**	**P5J0131**
1,2-Dibromo-3-chloropropane	BRL	ug/L	10	0.84	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	2.5	0.25	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	2.5	0.38	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,2-Dichloroethane	BRL	ug/L	2.5	0.33	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,2-Dichloropropane	BRL	ug/L	2.5	0.55	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,3,5-Trimethylbenzene	**110**	**ug/L**	**2.5**	**0.38**	**5**	**SM6200 B**	**10/5/15 19:59**	**CGP**	**P5J0131**
1,3-Dichlorobenzene	BRL	ug/L	2.5	0.27	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	2.5	0.22	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	2.5	0.25	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	10	0.56	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	2.5	0.33	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	2.5	0.25	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
4-Isopropyltoluene	**3.8**	**ug/L**	**2.5**	**0.44**	**5**	**SM6200 B**	**10/5/15 19:59**	**CGP**	**P5J0131**
Acetone	BRL	ug/L	50	1.6	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Benzene	**890**	**ug/L**	**25**	**2.4**	**50**	**SM6200 B**	**10/5/15 20:25**	**CGP**	**P5J0131**
Bromobenzene	BRL	ug/L	2.5	0.28	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Bromochloromethane	BRL	ug/L	2.5	0.72	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	2.5	0.31	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Bromoform	BRL	ug/L	2.5	0.20	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Bromomethane	BRL	ug/L	5.0	0.90	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	2.5	0.54	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Chlorobenzene	BRL	ug/L	2.5	0.31	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Chloroethane	BRL	ug/L	2.5	1.1	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Chloroform	BRL	ug/L	2.5	0.38	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Chloromethane	BRL	ug/L	2.5	0.39	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	2.5	0.28	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	2.5	0.39	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	2.5	0.40	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Dibromomethane	BRL	ug/L	2.5	0.33	5	SM6200 B	10/5/15 19:59	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-4
Prism Sample ID: 5090457-03
Prism Work Order: 5090457
Time Collected: 09/24/15 11:55
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	5.0	0.57	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Ethanol	BRL	ug/L	1000	140	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Ethylbenzene	**160**	**ug/L**	**2.5**	**0.31**	**5**	**SM6200 B**	**10/5/15 19:59**	**CGP**	**P5J0131**
Hexachlorobutadiene	BRL	ug/L	10	0.78	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Isopropyl Ether	**4.2**	**ug/L**	**2.5**	**0.25**	**5**	**SM6200 B**	**10/5/15 19:59**	**CGP**	**P5J0131**
Isopropylbenzene (Cumene)	**21**	**ug/L**	**2.5**	**0.27**	**5**	**SM6200 B**	**10/5/15 19:59**	**CGP**	**P5J0131**
m,p-Xylenes	**250**	**ug/L**	**5.0**	**0.58**	**5**	**SM6200 B**	**10/5/15 19:59**	**CGP**	**P5J0131**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.32	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	25	1.2	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.39	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Methylene Chloride	BRL	ug/L	10	0.41	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Methyl-tert-Butyl Ether	**1600**	**ug/L**	**50**	**2.1**	**50**	**SM6200 B**	**10/5/15 20:25**	**CGP**	**P5J0131**
Naphthalene	**200**	**ug/L**	**5.0**	**0.96**	**5**	**SM6200 B**	**10/5/15 19:59**	**CGP**	**P5J0131**
n-Butylbenzene	**3.7**	**ug/L**	**2.5**	**0.38**	**5**	**SM6200 B**	**10/5/15 19:59**	**CGP**	**P5J0131**
n-Propylbenzene	**32**	**ug/L**	**2.5**	**0.43**	**5**	**SM6200 B**	**10/5/15 19:59**	**CGP**	**P5J0131**
o-Xylene	**25**	**ug/L**	**2.5**	**0.22**	**5**	**SM6200 B**	**10/5/15 19:59**	**CGP**	**P5J0131**
sec-Butylbenzene	**5.4**	**ug/L**	**2.5**	**0.38**	**5**	**SM6200 B**	**10/5/15 19:59**	**CGP**	**P5J0131**
Styrene	BRL	ug/L	2.5	0.24	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
tert-Butylbenzene	BRL	ug/L	2.5	0.44	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Tetrachloroethylene	BRL	ug/L	2.5	0.49	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Toluene	**34**	**ug/L**	**2.5**	**0.22**	**5**	**SM6200 B**	**10/5/15 19:59**	**CGP**	**P5J0131**
trans-1,2-Dichloroethylene	BRL	ug/L	2.5	0.35	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	2.5	0.62	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Trichloroethylene	BRL	ug/L	2.5	0.39	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	2.5	0.31	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Vinyl acetate	BRL	ug/L	25	0.30	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Vinyl chloride	BRL	ug/L	2.5	0.48	5	SM6200 B	10/5/15 19:59	CGP	P5J0131
Xylenes, total	**270**	**ug/L**	**7.5**	**0.74**	**5**	**SM6200 B**	**10/5/15 19:59**	**CGP**	**P5J0131**

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*130 %*	*70-130*	
Dibromofluoromethane	*119 %*	*70-130*	
Toluene-d8	*149 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-5
Prism Sample ID: 5090457-04
Prism Work Order: 5090457
Time Collected: 09/24/15 12:05
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0052	0.0013	1	*6010C	9/28/15 16:47	BGM	P5I0479
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,2-Dichloroethane	**8.1**	**ug/L**	**0.50**	**0.066**	**1**	**SM6200 B**	**10/5/15 20:51**	**CGP**	**P5J0131**
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Benzene	BRL	ug/L	0.50	0.048	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/5/15 20:51	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-5
Prism Sample ID: 5090457-04
Prism Work Order: 5090457
Time Collected: 09/24/15 12:05
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Ethylbenzene	BRL	ug/L	0.50	0.061	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Methyl-tert-Butyl Ether	**0.72 J**	**ug/L**	**1.0**	**0.042**	**1**	**SM6200 B**	**10/5/15 20:51**	**CGP**	**P5J0131**
Naphthalene	BRL	ug/L	1.0	0.19	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
n-Propylbenzene	BRL	ug/L	0.50	0.087	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Toluene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/5/15 20:51	CGP	P5J0131
Xylenes, total	BRL	ug/L	1.5	0.15	1	SM6200 B	10/5/15 20:51	CGP	P5J0131

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*128 %*	*70-130*	
Dibromofluoromethane	*119 %*	*70-130*	
Toluene-d8	*146 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-6
Prism Sample ID: 5090457-05
Prism Work Order: 5090457
Time Collected: 09/24/15 12:06
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0052	0.0014	1	*6010C	9/28/15 16:55	BGM	P5I0479
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Benzene	BRL	ug/L	0.50	0.048	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/5/15 21:17	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-6
Prism Sample ID: 5090457-05
Prism Work Order: 5090457
Time Collected: 09/24/15 12:06
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Ethylbenzene	BRL	ug/L	0.50	0.061	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Methyl-tert-Butyl Ether	BRL	ug/L	1.0	0.042	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Naphthalene	BRL	ug/L	1.0	0.19	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
n-Propylbenzene	BRL	ug/L	0.50	0.087	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Toluene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/5/15 21:17	CGP	P5J0131
Xylenes, total	BRL	ug/L	1.5	0.15	1	SM6200 B	10/5/15 21:17	CGP	P5J0131

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*129 %*	*70-130*	
Dibromofluoromethane	*113 %*	*70-130*	
Toluene-d8	*141 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-7
Prism Sample ID: 5090457-06
Prism Work Order: 5090457
Time Collected: 09/24/15 12:10
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0051	0.0013	1	*6010C	9/28/15 17:03	BGM	P5I0479
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Benzene	**0.51**	**ug/L**	**0.50**	**0.048**	**1**	**SM6200 B**	**10/5/15 21:43**	**CGP**	**P5J0131**
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/5/15 21:43	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-7
Prism Sample ID: 5090457-06
Prism Work Order: 5090457
Time Collected: 09/24/15 12:10
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Ethylbenzene	BRL	ug/L	0.50	0.061	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Methyl-tert-Butyl Ether	**120**	**ug/L**	**1.0**	**0.042**	**1**	**SM6200 B**	**10/5/15 21:43**	**CGP**	**P5J0131**
Naphthalene	BRL	ug/L	1.0	0.19	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
n-Propylbenzene	BRL	ug/L	0.50	0.087	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Toluene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/5/15 21:43	CGP	P5J0131
Xylenes, total	BRL	ug/L	1.5	0.15	1	SM6200 B	10/5/15 21:43	CGP	P5J0131

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*130 %*	*70-130*	
Dibromofluoromethane	*117 %*	*70-130*	
Toluene-d8	*146 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-8
Prism Sample ID: 5090457-07
Prism Work Order: 5090457
Time Collected: 09/24/15 12:11
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0051	0.0013	1	*6010C	9/28/15 17:12	BGM	P5I0479
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Benzene	BRL	ug/L	0.50	0.048	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/5/15 22:09	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-8
Prism Sample ID: 5090457-07
Prism Work Order: 5090457
Time Collected: 09/24/15 12:11
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Ethylbenzene	BRL	ug/L	0.50	0.061	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Methyl-tert-Butyl Ether	**160**	**ug/L**	**20**	**0.85**	**20**	**SM6200 B**	**10/5/15 22:35**	**CGP**	**P5J0131**
Naphthalene	BRL	ug/L	1.0	0.19	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
n-Propylbenzene	BRL	ug/L	0.50	0.087	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Toluene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/5/15 22:09	CGP	P5J0131
Xylenes, total	BRL	ug/L	1.5	0.15	1	SM6200 B	10/5/15 22:09	CGP	P5J0131

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*126 %*	*70-130*	
Dibromofluoromethane	*115 %*	*70-130*	
Toluene-d8	*144 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-9
Prism Sample ID: 5090457-08
Prism Work Order: 5090457
Time Collected: 09/24/15 12:13
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0052	0.0013	1	*6010C	9/28/15 17:30	BGM	P5I0479
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,2,4-Trimethylbenzene	**20**	**ug/L**	**0.50**	**0.054**	**1**	**SM6200 B**	**10/5/15 23:00**	**CGP**	**P5J0131**
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,3,5-Trimethylbenzene	**12**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/5/15 23:00**	**CGP**	**P5J0131**
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Benzene	**420**	**ug/L**	**10**	**0.95**	**20**	**SM6200 B**	**10/5/15 23:26**	**CGP**	**P5J0131**
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/5/15 23:00	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-9
Prism Sample ID: 5090457-08
Prism Work Order: 5090457
Time Collected: 09/24/15 12:13
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Ethylbenzene	**95**	**ug/L**	**0.50**	**0.061**	**1**	**SM6200 B**	**10/5/15 23:00**	**CGP**	**P5J0131**
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Isopropyl Ether	**2.9**	**ug/L**	**0.50**	**0.050**	**1**	**SM6200 B**	**10/5/15 23:00**	**CGP**	**P5J0131**
Isopropylbenzene (Cumene)	**9.8**	**ug/L**	**0.50**	**0.054**	**1**	**SM6200 B**	**10/5/15 23:00**	**CGP**	**P5J0131**
m,p-Xylenes	**170**	**ug/L**	**1.0**	**0.12**	**1**	**SM6200 B**	**10/5/15 23:00**	**CGP**	**P5J0131**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Methyl-tert-Butyl Ether	**850**	**ug/L**	**20**	**0.85**	**20**	**SM6200 B**	**10/5/15 23:26**	**CGP**	**P5J0131**
Naphthalene	**51**	**ug/L**	**1.0**	**0.19**	**1**	**SM6200 B**	**10/5/15 23:00**	**CGP**	**P5J0131**
n-Butylbenzene	**4.5**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/5/15 23:00**	**CGP**	**P5J0131**
n-Propylbenzene	**14**	**ug/L**	**0.50**	**0.087**	**1**	**SM6200 B**	**10/5/15 23:00**	**CGP**	**P5J0131**
o-Xylene	**38**	**ug/L**	**0.50**	**0.044**	**1**	**SM6200 B**	**10/5/15 23:00**	**CGP**	**P5J0131**
sec-Butylbenzene	**2.5**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/5/15 23:00**	**CGP**	**P5J0131**
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
tert-Butylbenzene	**0.81**	**ug/L**	**0.50**	**0.088**	**1**	**SM6200 B**	**10/5/15 23:00**	**CGP**	**P5J0131**
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Toluene	**17**	**ug/L**	**0.50**	**0.044**	**1**	**SM6200 B**	**10/5/15 23:00**	**CGP**	**P5J0131**
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/5/15 23:00	CGP	P5J0131
Xylenes, total	**210**	**ug/L**	**1.5**	**0.15**	**1**	**SM6200 B**	**10/5/15 23:00**	**CGP**	**P5J0131**

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*126 %*	*70-130*	
Dibromofluoromethane	*116 %*	*70-130*	
Toluene-d8	*147 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-10
Prism Sample ID: 5090457-09
Prism Work Order: 5090457
Time Collected: 09/24/15 12:31
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0051	0.0013	1	*6010C	9/28/15 17:39	BGM	P5I0479
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Benzene	BRL	ug/L	0.50	0.048	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/5/15 23:52	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-10
Prism Sample ID: 5090457-09
Prism Work Order: 5090457
Time Collected: 09/24/15 12:31
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Ethylbenzene	BRL	ug/L	0.50	0.061	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.054	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Methyl-tert-Butyl Ether	BRL	ug/L	1.0	0.042	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Naphthalene	BRL	ug/L	1.0	0.19	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
n-Propylbenzene	BRL	ug/L	0.50	0.087	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Toluene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/5/15 23:52	CGP	P5J0131
Xylenes, total	BRL	ug/L	1.5	0.15	1	SM6200 B	10/5/15 23:52	CGP	P5J0131

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*131 %*	*70-130*	*SR*
Dibromofluoromethane	*116 %*	*70-130*	
Toluene-d8	*146 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-11R
Prism Sample ID: 5090457-10
Prism Work Order: 5090457
Time Collected: 09/24/15 12:15
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0052	0.0014	1	*6010C	9/28/15 17:46	BGM	P5I0479
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Benzene	**2.0**	**ug/L**	**0.50**	**0.048**	**1**	**SM6200 B**	**10/6/15 0:18**	**CGP**	**P5J0131**
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/6/15 0:18	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-11R
Prism Sample ID: 5090457-10
Prism Work Order: 5090457
Time Collected: 09/24/15 12:15
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Ethylbenzene	**18**	**ug/L**	**0.50**	**0.061**	**1**	**SM6200 B**	**10/6/15 0:18**	**CGP**	**P5J0131**
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Isopropylbenzene (Cumene)	**2.4**	**ug/L**	**0.50**	**0.054**	**1**	**SM6200 B**	**10/6/15 0:18**	**CGP**	**P5J0131**
m,p-Xylenes	**11**	**ug/L**	**1.0**	**0.12**	**1**	**SM6200 B**	**10/6/15 0:18**	**CGP**	**P5J0131**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Methyl-tert-Butyl Ether	**12**	**ug/L**	**1.0**	**0.042**	**1**	**SM6200 B**	**10/6/15 0:18**	**CGP**	**P5J0131**
Naphthalene	**5.2**	**ug/L**	**1.0**	**0.19**	**1**	**SM6200 B**	**10/6/15 0:18**	**CGP**	**P5J0131**
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
n-Propylbenzene	**5.5**	**ug/L**	**0.50**	**0.087**	**1**	**SM6200 B**	**10/6/15 0:18**	**CGP**	**P5J0131**
o-Xylene	**1.1**	**ug/L**	**0.50**	**0.044**	**1**	**SM6200 B**	**10/6/15 0:18**	**CGP**	**P5J0131**
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Toluene	**1.0**	**ug/L**	**0.50**	**0.044**	**1**	**SM6200 B**	**10/6/15 0:18**	**CGP**	**P5J0131**
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/6/15 0:18	CGP	P5J0131
Xylenes, total	**12**	**ug/L**	**1.5**	**0.15**	**1**	**SM6200 B**	**10/6/15 0:18**	**CGP**	**P5J0131**

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*128 %*	*70-130*	
Dibromofluoromethane	*113 %*	*70-130*	
Toluene-d8	*140 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-12
Prism Sample ID: 5090457-11
Prism Work Order: 5090457
Time Collected: 09/24/15 11:48
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	**0.0072**	**mg/L**	**0.0052**	**0.0014**	**1**	***6010C**	**9/28/15 17:55**	**BGM**	**P5I0479**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Benzene	BRL	ug/L	0.50	0.048	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/6/15 0:44	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-12
Prism Sample ID: 5090457-11
Prism Work Order: 5090457
Time Collected: 09/24/15 11:48
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Ethylbenzene	BRL	ug/L	0.50	0.061	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Methyl-tert-Butyl Ether	BRL	ug/L	1.0	0.042	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Naphthalene	BRL	ug/L	1.0	0.19	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
n-Propylbenzene	BRL	ug/L	0.50	0.087	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Toluene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/6/15 0:44	CGP	P5J0131
Xylenes, total	BRL	ug/L	1.5	0.15	1	SM6200 B	10/6/15 0:44	CGP	P5J0131

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*124 %*	*70-130*	
Dibromofluoromethane	*114 %*	*70-130*	
Toluene-d8	*139 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-13
Prism Sample ID: 5090457-12
Prism Work Order: 5090457
Time Collected: 09/24/15 12:03
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0051	0.0013	1	*6010C	9/28/15 18:08	BGM	P5I0479
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Benzene	BRL	ug/L	0.50	0.048	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/6/15 1:10	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-13
Prism Sample ID: 5090457-12
Prism Work Order: 5090457
Time Collected: 09/24/15 12:03
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Ethylbenzene	BRL	ug/L	0.50	0.061	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Methyl-tert-Butyl Ether	**1.1**	**ug/L**	**1.0**	**0.042**	**1**	**SM6200 B**	**10/6/15 1:10**	**CGP**	**P5J0131**
Naphthalene	BRL	ug/L	1.0	0.19	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
n-Propylbenzene	BRL	ug/L	0.50	0.087	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Toluene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/6/15 1:10	CGP	P5J0131
Xylenes, total	BRL	ug/L	1.5	0.15	1	SM6200 B	10/6/15 1:10	CGP	P5J0131

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*126 %*	*70-130*	
Dibromofluoromethane	*114 %*	*70-130*	
Toluene-d8	*142 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-14
Prism Sample ID: 5090457-13
Prism Work Order: 5090457
Time Collected: 09/24/15 11:41
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0051	0.0013	1	*6010C	9/28/15 18:45	BGM	P5I0480
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Benzene	BRL	ug/L	0.50	0.048	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/6/15 1:36	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-14
Prism Sample ID: 5090457-13
Prism Work Order: 5090457
Time Collected: 09/24/15 11:41
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Ethylbenzene	BRL	ug/L	0.50	0.061	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Methyl-tert-Butyl Ether	BRL	ug/L	1.0	0.042	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Naphthalene	BRL	ug/L	1.0	0.19	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
n-Propylbenzene	BRL	ug/L	0.50	0.087	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Toluene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/6/15 1:36	CGP	P5J0131
Xylenes, total	BRL	ug/L	1.5	0.15	1	SM6200 B	10/6/15 1:36	CGP	P5J0131

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*130 %*	*70-130*	
Dibromofluoromethane	*116 %*	*70-130*	
Toluene-d8	*141 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-15
Prism Sample ID: 5090457-14
Prism Work Order: 5090457
Time Collected: 09/24/15 12:21
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0052	0.0013	1	*6010C	9/28/15 19:08	BGM	P5I0480
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Benzene	BRL	ug/L	0.50	0.048	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/6/15 2:02	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-15
Prism Sample ID: 5090457-14
Prism Work Order: 5090457
Time Collected: 09/24/15 12:21
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Ethylbenzene	BRL	ug/L	0.50	0.061	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Methyl-tert-Butyl Ether	BRL	ug/L	1.0	0.042	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Naphthalene	BRL	ug/L	1.0	0.19	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
n-Propylbenzene	BRL	ug/L	0.50	0.087	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Toluene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/6/15 2:02	CGP	P5J0131
Xylenes, total	BRL	ug/L	1.5	0.15	1	SM6200 B	10/6/15 2:02	CGP	P5J0131

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*126 %*	*70-130*	
Dibromofluoromethane	*116 %*	*70-130*	
Toluene-d8	*140 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-17
Prism Sample ID: 5090457-15
Prism Work Order: 5090457
Time Collected: 09/24/15 11:56
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0051	0.0013	1	*6010C	9/28/15 19:17	BGM	P5I0480
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Benzene	BRL	ug/L	0.50	0.048	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/6/15 2:28	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: MW-17
Prism Sample ID: 5090457-15
Prism Work Order: 5090457
Time Collected: 09/24/15 11:56
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Ethylbenzene	BRL	ug/L	0.50	0.061	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Methyl-tert-Butyl Ether	BRL	ug/L	1.0	0.042	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Naphthalene	BRL	ug/L	1.0	0.19	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
n-Propylbenzene	BRL	ug/L	0.50	0.087	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Toluene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/6/15 2:28	CGP	P5J0131
Xylenes, total	BRL	ug/L	1.5	0.15	1	SM6200 B	10/6/15 2:28	CGP	P5J0131

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*123 %*	*70-130*	
Dibromofluoromethane	*111 %*	*70-130*	
Toluene-d8	*136 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: RW-1
Prism Sample ID: 5090457-16
Prism Work Order: 5090457
Time Collected: 09/24/15 12:25
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0050	0.0013	1	*6010C	9/28/15 19:25	BGM	P5I0480
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,2,4-Trimethylbenzene	**22**	**ug/L**	**0.50**	**0.054**	**1**	**SM6200 B**	**10/6/15 2:54**	**CGP**	**P5J0131**
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,3,5-Trimethylbenzene	**7.4**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/6/15 2:54**	**CGP**	**P5J0131**
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Benzene	**93**	**ug/L**	**0.50**	**0.048**	**1**	**SM6200 B**	**10/6/15 2:54**	**CGP**	**P5J0131**
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/6/15 2:54	CGP	P5J0131

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: RW-1
Prism Sample ID: 5090457-16
Prism Work Order: 5090457
Time Collected: 09/24/15 12:25
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Ethylbenzene	**73**	**ug/L**	**0.50**	**0.061**	**1**	**SM6200 B**	**10/6/15 2:54**	**CGP**	**P5J0131**
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Isopropylbenzene (Cumene)	**7.6**	**ug/L**	**0.50**	**0.054**	**1**	**SM6200 B**	**10/6/15 2:54**	**CGP**	**P5J0131**
m,p-Xylenes	**61**	**ug/L**	**1.0**	**0.12**	**1**	**SM6200 B**	**10/6/15 2:54**	**CGP**	**P5J0131**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Methyl-tert-Butyl Ether	**20**	**ug/L**	**1.0**	**0.042**	**1**	**SM6200 B**	**10/6/15 2:54**	**CGP**	**P5J0131**
Naphthalene	**31**	**ug/L**	**1.0**	**0.19**	**1**	**SM6200 B**	**10/6/15 2:54**	**CGP**	**P5J0131**
n-Butylbenzene	**2.1**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/6/15 2:54**	**CGP**	**P5J0131**
n-Propylbenzene	**17**	**ug/L**	**0.50**	**0.087**	**1**	**SM6200 B**	**10/6/15 2:54**	**CGP**	**P5J0131**
o-Xylene	**3.7**	**ug/L**	**0.50**	**0.044**	**1**	**SM6200 B**	**10/6/15 2:54**	**CGP**	**P5J0131**
sec-Butylbenzene	**1.6**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/6/15 2:54**	**CGP**	**P5J0131**
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Toluene	**8.5**	**ug/L**	**0.50**	**0.044**	**1**	**SM6200 B**	**10/6/15 2:54**	**CGP**	**P5J0131**
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/6/15 2:54	CGP	P5J0131
Xylenes, total	**65**	**ug/L**	**1.5**	**0.15**	**1**	**SM6200 B**	**10/6/15 2:54**	**CGP**	**P5J0131**

Surrogate	Recovery	Control Limits	
4-Bromofluorobenzene	*122 %*	*70-130*	
Dibromofluoromethane	*109 %*	*70-130*	
Toluene-d8	*137 %*	*70-130*	*SR*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: RW-2
Prism Sample ID: 5090457-17
Prism Work Order: 5090457
Time Collected: 09/24/15 12:35
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	**0.22**	**mg/L**	**0.0051**	**0.0013**	**1**	***6010C**	**9/28/15 19:33**	**BGM**	**P5I0480**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,1-Dichloroethane	**0.97**	**ug/L**	**0.50**	**0.083**	**1**	**SM6200 B**	**10/7/15 20:45**	**CGP**	**P5J0180**
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,2,4-Trimethylbenzene	**170**	**ug/L**	**25**	**2.7**	**50**	**SM6200 B**	**10/7/15 21:10**	**CGP**	**P5J0180**
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,3,5-Trimethylbenzene	**18**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/7/15 20:45**	**CGP**	**P5J0180**
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
4-Isopropyltoluene	**3.7**	**ug/L**	**0.50**	**0.089**	**1**	**SM6200 B**	**10/7/15 20:45**	**CGP**	**P5J0180**
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Benzene	**31**	**ug/L**	**0.50**	**0.048**	**1**	**SM6200 B**	**10/7/15 20:45**	**CGP**	**P5J0180**
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/7/15 20:45	CGP	P5J0180

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: RW-2
Prism Sample ID: 5090457-17
Prism Work Order: 5090457
Time Collected: 09/24/15 12:35
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Ethylbenzene	**43**	**ug/L**	**0.50**	**0.061**	**1**	**SM6200 B**	**10/7/15 20:45**	**CGP**	**P5J0180**
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Isopropylbenzene (Cumene)	**13**	**ug/L**	**0.50**	**0.054**	**1**	**SM6200 B**	**10/7/15 20:45**	**CGP**	**P5J0180**
m,p-Xylenes	**45**	**ug/L**	**1.0**	**0.12**	**1**	**SM6200 B**	**10/7/15 20:45**	**CGP**	**P5J0180**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Methyl-tert-Butyl Ether	**170**	**ug/L**	**50**	**2.1**	**50**	**SM6200 B**	**10/7/15 21:10**	**CGP**	**P5J0180**
Naphthalene	**56**	**ug/L**	**1.0**	**0.19**	**1**	**SM6200 B**	**10/7/15 20:45**	**CGP**	**P5J0180**
n-Butylbenzene	**18**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/7/15 20:45**	**CGP**	**P5J0180**
n-Propylbenzene	**41**	**ug/L**	**0.50**	**0.087**	**1**	**SM6200 B**	**10/7/15 20:45**	**CGP**	**P5J0180**
o-Xylene	**2.5**	**ug/L**	**0.50**	**0.044**	**1**	**SM6200 B**	**10/7/15 20:45**	**CGP**	**P5J0180**
sec-Butylbenzene	**6.8**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/7/15 20:45**	**CGP**	**P5J0180**
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Toluene	**3.8**	**ug/L**	**0.50**	**0.044**	**1**	**SM6200 B**	**10/7/15 20:45**	**CGP**	**P5J0180**
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Vinyl acetate	**1.5 J**	**ug/L**	**5.0**	**0.060**	**1**	**SM6200 B**	**10/7/15 20:45**	**CGP**	**P5J0180**
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/7/15 20:45	CGP	P5J0180
Xylenes, total	**48**	**ug/L**	**1.5**	**0.15**	**1**	**SM6200 B**	**10/7/15 20:45**	**CGP**	**P5J0180**

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*92 %*	*70-130*
Dibromofluoromethane	*97 %*	*70-130*
Toluene-d8	*87 %*	*70-130*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: RW-3
Prism Sample ID: 5090457-18
Prism Work Order: 5090457
Time Collected: 09/24/15 12:23
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0051	0.0013	1	*6010C	9/28/15 19:43	BGM	P5I0480
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,2,4-Trimethylbenzene	**4.2**	**ug/L**	**0.50**	**0.054**	**1**	**SM6200 B**	**10/7/15 16:56**	**CGP**	**P5J0180**
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,3,5-Trimethylbenzene	**0.64**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/7/15 16:56**	**CGP**	**P5J0180**
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Benzene	**4.6**	**ug/L**	**0.50**	**0.048**	**1**	**SM6200 B**	**10/7/15 16:56**	**CGP**	**P5J0180**
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/7/15 16:56	CGP	P5J0180

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: RW-3
Prism Sample ID: 5090457-18
Prism Work Order: 5090457
Time Collected: 09/24/15 12:23
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Ethylbenzene	**3.1**	**ug/L**	**0.50**	**0.061**	**1**	**SM6200 B**	**10/7/15 16:56**	**CGP**	**P5J0180**
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Isopropylbenzene (Cumene)	**0.62**	**ug/L**	**0.50**	**0.054**	**1**	**SM6200 B**	**10/7/15 16:56**	**CGP**	**P5J0180**
m,p-Xylenes	**3.6**	**ug/L**	**1.0**	**0.12**	**1**	**SM6200 B**	**10/7/15 16:56**	**CGP**	**P5J0180**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Methyl-tert-Butyl Ether	**9.5**	**ug/L**	**1.0**	**0.042**	**1**	**SM6200 B**	**10/7/15 16:56**	**CGP**	**P5J0180**
Naphthalene	**1.3**	**ug/L**	**1.0**	**0.19**	**1**	**SM6200 B**	**10/7/15 16:56**	**CGP**	**P5J0180**
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
n-Propylbenzene	**0.57**	**ug/L**	**0.50**	**0.087**	**1**	**SM6200 B**	**10/7/15 16:56**	**CGP**	**P5J0180**
o-Xylene	**0.77**	**ug/L**	**0.50**	**0.044**	**1**	**SM6200 B**	**10/7/15 16:56**	**CGP**	**P5J0180**
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Toluene	**0.78**	**ug/L**	**0.50**	**0.044**	**1**	**SM6200 B**	**10/7/15 16:56**	**CGP**	**P5J0180**
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/7/15 16:56	CGP	P5J0180
Xylenes, total	**4.4**	**ug/L**	**1.5**	**0.15**	**1**	**SM6200 B**	**10/7/15 16:56**	**CGP**	**P5J0180**

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*95 %*	*70-130*
Dibromofluoromethane	*98 %*	*70-130*
Toluene-d8	*88 %*	*70-130*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: RW-4
Prism Sample ID: 5090457-19
Prism Work Order: 5090457
Time Collected: 09/24/15 12:48
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0051	0.0013	1	*6010C	9/28/15 19:51	BGM	P5I0480
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	5.0	1.1	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,1,1-Trichloroethane	BRL	ug/L	5.0	0.61	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,1,2,2-Tetrachloroethane	BRL	ug/L	5.0	0.36	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,1,2-Trichloroethane	BRL	ug/L	5.0	0.66	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,1-Dichloroethane	BRL	ug/L	5.0	0.83	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,1-Dichloroethylene	BRL	ug/L	5.0	0.83	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,1-Dichloropropylene	BRL	ug/L	5.0	0.51	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,2,3-Trichlorobenzene	BRL	ug/L	5.0	4.0	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,2,3-Trichloropropane	BRL	ug/L	5.0	1.4	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,2,4-Trichlorobenzene	BRL	ug/L	5.0	1.3	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,2,4-Trimethylbenzene	**440**	**ug/L**	**5.0**	**0.54**	**10**	**SM6200 B**	**10/7/15 19:54**	**CGP**	**P5J0180**
1,2-Dibromo-3-chloropropane	BRL	ug/L	20	1.7	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,2-Dibromoethane	BRL	ug/L	5.0	0.51	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,2-Dichlorobenzene	BRL	ug/L	5.0	0.76	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,2-Dichloroethane	BRL	ug/L	5.0	0.66	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,2-Dichloropropane	BRL	ug/L	5.0	1.1	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,3,5-Trimethylbenzene	**120**	**ug/L**	**5.0**	**0.76**	**10**	**SM6200 B**	**10/7/15 19:54**	**CGP**	**P5J0180**
1,3-Dichlorobenzene	BRL	ug/L	5.0	0.54	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,3-Dichloropropane	BRL	ug/L	5.0	0.43	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
1,4-Dichlorobenzene	BRL	ug/L	5.0	0.50	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
2,2-Dichloropropane	BRL	ug/L	20	1.1	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
2-Chlorotoluene	BRL	ug/L	5.0	0.66	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
4-Chlorotoluene	BRL	ug/L	5.0	0.50	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
4-Isopropyltoluene	BRL	ug/L	5.0	0.89	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Acetone	BRL	ug/L	100	3.1	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Benzene	BRL	ug/L	5.0	0.48	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Bromobenzene	BRL	ug/L	5.0	0.57	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Bromochloromethane	BRL	ug/L	5.0	1.4	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Bromodichloromethane	BRL	ug/L	5.0	0.62	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Bromoform	BRL	ug/L	5.0	0.40	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Bromomethane	BRL	ug/L	10	1.8	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Carbon Tetrachloride	BRL	ug/L	5.0	1.1	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Chlorobenzene	BRL	ug/L	5.0	0.62	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Chloroethane	BRL	ug/L	5.0	2.2	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Chloroform	BRL	ug/L	5.0	0.76	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Chloromethane	BRL	ug/L	5.0	0.79	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
cis-1,2-Dichloroethylene	BRL	ug/L	5.0	0.56	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
cis-1,3-Dichloropropylene	BRL	ug/L	5.0	0.79	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Dibromochloromethane	BRL	ug/L	5.0	0.81	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Dibromomethane	BRL	ug/L	5.0	0.65	10	SM6200 B	10/7/15 19:54	CGP	P5J0180

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: RW-4
Prism Sample ID: 5090457-19
Prism Work Order: 5090457
Time Collected: 09/24/15 12:48
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	10	1.1	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Ethanol	BRL	ug/L	2000	270	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Ethylbenzene	**450**	**ug/L**	**5.0**	**0.61**	**10**	**SM6200 B**	**10/7/15 19:54**	**CGP**	**P5J0180**
Hexachlorobutadiene	BRL	ug/L	20	1.6	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Isopropyl Ether	**7.3**	**ug/L**	**5.0**	**0.50**	**10**	**SM6200 B**	**10/7/15 19:54**	**CGP**	**P5J0180**
Isopropylbenzene (Cumene)	**32**	**ug/L**	**5.0**	**0.54**	**10**	**SM6200 B**	**10/7/15 19:54**	**CGP**	**P5J0180**
m,p-Xylenes	**720**	**ug/L**	**10**	**1.2**	**10**	**SM6200 B**	**10/7/15 19:54**	**CGP**	**P5J0180**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	10	0.65	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	50	2.4	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Methyl Isobutyl Ketone	**20**	**ug/L**	**10**	**0.78**	**10**	**SM6200 B**	**10/7/15 19:54**	**CGP**	**P5J0180**
Methylene Chloride	BRL	ug/L	20	0.83	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Methyl-tert-Butyl Ether	**2900**	**ug/L**	**500**	**21**	**500**	**SM6200 B**	**10/7/15 20:19**	**CGP**	**P5J0180**
Naphthalene	**200**	**ug/L**	**10**	**1.9**	**10**	**SM6200 B**	**10/7/15 19:54**	**CGP**	**P5J0180**
n-Butylbenzene	BRL	ug/L	5.0	0.76	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
n-Propylbenzene	**71**	**ug/L**	**5.0**	**0.87**	**10**	**SM6200 B**	**10/7/15 19:54**	**CGP**	**P5J0180**
o-Xylene	**58**	**ug/L**	**5.0**	**0.44**	**10**	**SM6200 B**	**10/7/15 19:54**	**CGP**	**P5J0180**
sec-Butylbenzene	BRL	ug/L	5.0	0.76	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Styrene	BRL	ug/L	5.0	0.47	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
tert-Butylbenzene	BRL	ug/L	5.0	0.88	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Tetrachloroethylene	BRL	ug/L	5.0	0.98	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Toluene	**190**	**ug/L**	**5.0**	**0.44**	**10**	**SM6200 B**	**10/7/15 19:54**	**CGP**	**P5J0180**
trans-1,2-Dichloroethylene	BRL	ug/L	5.0	0.70	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
trans-1,3-Dichloropropylene	BRL	ug/L	5.0	1.2	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Trichloroethylene	BRL	ug/L	5.0	0.78	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Trichlorofluoromethane	BRL	ug/L	5.0	0.62	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Vinyl acetate	BRL	ug/L	50	0.60	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Vinyl chloride	BRL	ug/L	5.0	0.97	10	SM6200 B	10/7/15 19:54	CGP	P5J0180
Xylenes, total	**780**	**ug/L**	**15**	**1.5**	**10**	**SM6200 B**	**10/7/15 19:54**	**CGP**	**P5J0180**

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*92 %*	*70-130*
Dibromofluoromethane	*96 %*	*70-130*
Toluene-d8	*87 %*	*70-130*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: RW-5
Prism Sample ID: 5090457-20
Prism Work Order: 5090457
Time Collected: 09/24/15 12:40
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0050	0.0013	1	*6010C	9/28/15 20:11	BGM	P5I0480
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,1-Dichloroethane	**2.1**	**ug/L**	**0.50**	**0.083**	**1**	**SM6200 B**	**10/7/15 19:03**	**CGP**	**P5J0180**
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,2,4-Trimethylbenzene	**120**	**ug/L**	**10**	**1.1**	**20**	**SM6200 B**	**10/7/15 19:28**	**CGP**	**P5J0180**
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,3,5-Trimethylbenzene	**26**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/7/15 19:03**	**CGP**	**P5J0180**
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
4-Isopropyltoluene	**1.5**	**ug/L**	**0.50**	**0.089**	**1**	**SM6200 B**	**10/7/15 19:03**	**CGP**	**P5J0180**
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Benzene	BRL	ug/L	0.50	0.048	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/7/15 19:03	CGP	P5J0180

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: RW-5
Prism Sample ID: 5090457-20
Prism Work Order: 5090457
Time Collected: 09/24/15 12:40
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Ethylbenzene	**81**	**ug/L**	**10**	**1.2**	**20**	**SM6200 B**	**10/7/15 19:28**	**CGP**	**P5J0180**
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Isopropyl Ether	**1.3**	**ug/L**	**0.50**	**0.050**	**1**	**SM6200 B**	**10/7/15 19:03**	**CGP**	**P5J0180**
Isopropylbenzene (Cumene)	**13**	**ug/L**	**0.50**	**0.054**	**1**	**SM6200 B**	**10/7/15 19:03**	**CGP**	**P5J0180**
m,p-Xylenes	**98**	**ug/L**	**20**	**2.3**	**20**	**SM6200 B**	**10/7/15 19:28**	**CGP**	**P5J0180**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Methyl-tert-Butyl Ether	**97**	**ug/L**	**20**	**0.85**	**20**	**SM6200 B**	**10/7/15 19:28**	**CGP**	**P5J0180**
Naphthalene	**37**	**ug/L**	**1.0**	**0.19**	**1**	**SM6200 B**	**10/7/15 19:03**	**CGP**	**P5J0180**
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
n-Propylbenzene	**29**	**ug/L**	**0.50**	**0.087**	**1**	**SM6200 B**	**10/7/15 19:03**	**CGP**	**P5J0180**
o-Xylene	**25**	**ug/L**	**0.50**	**0.044**	**1**	**SM6200 B**	**10/7/15 19:03**	**CGP**	**P5J0180**
sec-Butylbenzene	**1.2**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/7/15 19:03**	**CGP**	**P5J0180**
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Toluene	**67**	**ug/L**	**0.50**	**0.044**	**1**	**SM6200 B**	**10/7/15 19:03**	**CGP**	**P5J0180**
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/7/15 19:03	CGP	P5J0180
Xylenes, total	**120**	**ug/L**	**1.5**	**0.15**	**1**	**SM6200 B**	**10/7/15 19:03**	**CGP**	**P5J0180**

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*93 %*	*70-130*
Dibromofluoromethane	*96 %*	*70-130*
Toluene-d8	*88 %*	*70-130*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: WSW-4036
Prism Sample ID: 5090457-21
Prism Work Order: 5090457
Time Collected: 09/24/15 13:35
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0051	0.0013	1	*6010C	9/28/15 20:19	BGM	P5I0480
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Benzene	BRL	ug/L	0.50	0.048	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Chloroform	**1.2**	**ug/L**	**0.50**	**0.076**	**1**	**SM6200 B**	**10/7/15 17:21**	**CGP**	**P5J0180**
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/7/15 17:21	CGP	P5J0180

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: WSW-4036
Prism Sample ID: 5090457-21
Prism Work Order: 5090457
Time Collected: 09/24/15 13:35
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Ethylbenzene	BRL	ug/L	0.50	0.061	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Methyl-tert-Butyl Ether	BRL	ug/L	1.0	0.042	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Naphthalene	BRL	ug/L	1.0	0.19	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
n-Propylbenzene	BRL	ug/L	0.50	0.087	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Toluene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/7/15 17:21	CGP	P5J0180
Xylenes, total	BRL	ug/L	1.5	0.15	1	SM6200 B	10/7/15 17:21	CGP	P5J0180

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*95 %*	*70-130*
Dibromofluoromethane	*98 %*	*70-130*
Toluene-d8	*87 %*	*70-130*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: WSW-2144
Prism Sample ID: 5090457-22
Prism Work Order: 5090457
Time Collected: 09/24/15 13:55
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	**0.064**	**mg/L**	**0.0052**	**0.0014**	**1**	***6010C**	**9/28/15 20:27**	**BGM**	**P5I0480**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Benzene	BRL	ug/L	0.50	0.048	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/7/15 17:47	CGP	P5J0180

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: WSW-2144
Prism Sample ID: 5090457-22
Prism Work Order: 5090457
Time Collected: 09/24/15 13:55
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Ethylbenzene	BRL	ug/L	0.50	0.061	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Methyl-tert-Butyl Ether	BRL	ug/L	1.0	0.042	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Naphthalene	BRL	ug/L	1.0	0.19	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
n-Propylbenzene	BRL	ug/L	0.50	0.087	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Toluene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/7/15 17:47	CGP	P5J0180
Xylenes, total	BRL	ug/L	1.5	0.15	1	SM6200 B	10/7/15 17:47	CGP	P5J0180

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*95 %*	*70-130*
Dibromofluoromethane	*99 %*	*70-130*
Toluene-d8	*88 %*	*70-130*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: 3878
Prism Sample ID: 5090457-23
Prism Work Order: 5090457
Time Collected: 09/24/15 13:33
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	BRL	mg/L	0.0052	0.0013	1	*6010C	9/28/15 20:35	BGM	P5I0480
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Benzene	BRL	ug/L	0.50	0.048	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/7/15 18:12	CGP	P5J0180

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: 3878
Prism Sample ID: 5090457-23
Prism Work Order: 5090457
Time Collected: 09/24/15 13:33
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Ethylbenzene	BRL	ug/L	0.50	0.061	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Methyl-tert-Butyl Ether	BRL	ug/L	1.0	0.042	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Naphthalene	BRL	ug/L	1.0	0.19	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
n-Propylbenzene	BRL	ug/L	0.50	0.087	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Toluene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/7/15 18:12	CGP	P5J0180
Xylenes, total	BRL	ug/L	1.5	0.15	1	SM6200 B	10/7/15 18:12	CGP	P5J0180

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*94 %*	*70-130*
Dibromofluoromethane	*99 %*	*70-130*
Toluene-d8	*87 %*	*70-130*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: 3910
Prism Sample ID: 5090457-24
Prism Work Order: 5090457
Time Collected: 09/24/15 13:53
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Lead	**0.032**	**mg/L**	**0.0052**	**0.0013**	**1**	***6010C**	**9/28/15 20:43**	**BGM**	**P5I0480**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Benzene	BRL	ug/L	0.50	0.048	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/7/15 18:37	CGP	P5J0180

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: 3910
Prism Sample ID: 5090457-24
Prism Work Order: 5090457
Time Collected: 09/24/15 13:53
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Ethylbenzene	BRL	ug/L	0.50	0.061	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Methyl-tert-Butyl Ether	BRL	ug/L	1.0	0.042	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Naphthalene	BRL	ug/L	1.0	0.19	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
n-Propylbenzene	BRL	ug/L	0.50	0.087	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Toluene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/7/15 18:37	CGP	P5J0180
Xylenes, total	BRL	ug/L	1.5	0.15	1	SM6200 B	10/7/15 18:37	CGP	P5J0180

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*94 %*	*70-130*
Dibromofluoromethane	*99 %*	*70-130*
Toluene-d8	*87 %*	*70-130*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: Trip Blank
Prism Sample ID: 5090457-25
Prism Work Order: 5090457
Time Collected: 09/24/15 00:00
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.061	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.036	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,1-Dichloroethane	BRL	ug/L	0.50	0.083	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,1-Dichloroethylene	BRL	ug/L	0.50	0.083	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,1-Dichloropropylene	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,2,3-Trichlorobenzene	BRL	ug/L	0.50	0.40	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,2,3-Trichloropropane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,2,4-Trichlorobenzene	BRL	ug/L	0.50	0.13	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.17	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,2-Dibromoethane	BRL	ug/L	0.50	0.051	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,2-Dichloroethane	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,2-Dichloropropane	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,3-Dichloropropane	BRL	ug/L	0.50	0.043	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
2-Chlorotoluene	BRL	ug/L	0.50	0.066	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
4-Chlorotoluene	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
4-Isopropyltoluene	BRL	ug/L	0.50	0.089	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Acetone	BRL	ug/L	10	0.31	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Benzene	BRL	ug/L	0.50	0.048	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Bromobenzene	BRL	ug/L	0.50	0.057	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Bromochloromethane	BRL	ug/L	0.50	0.14	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Bromoform	BRL	ug/L	0.50	0.040	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Bromomethane	BRL	ug/L	1.0	0.18	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Carbon Tetrachloride	BRL	ug/L	0.50	0.11	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Chlorobenzene	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Chloroethane	BRL	ug/L	0.50	0.22	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Chloroform	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Chloromethane	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.056	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.079	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Dibromochloromethane	BRL	ug/L	0.50	0.081	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Dibromomethane	BRL	ug/L	0.50	0.065	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Ethanol	BRL	ug/L	200	27	1	SM6200 B	10/7/15 16:30	CGP	P5J0180

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Sample Matrix: Water

Client Sample ID: Trip Blank
Prism Sample ID: 5090457-25
Prism Work Order: 5090457
Time Collected: 09/24/15 00:00
Time Submitted: 09/25/15 10:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Ethylbenzene	BRL	ug/L	0.50	0.061	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Hexachlorobutadiene	BRL	ug/L	2.0	0.16	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Isopropyl Ether	BRL	ug/L	0.50	0.050	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.054	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
m,p-Xylenes	BRL	ug/L	1.0	0.12	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	1.0	0.065	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.24	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Methyl Isobutyl Ketone	BRL	ug/L	1.0	0.078	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Methylene Chloride	BRL	ug/L	2.0	0.083	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Methyl-tert-Butyl Ether	BRL	ug/L	1.0	0.042	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Naphthalene	BRL	ug/L	1.0	0.19	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
n-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
n-Propylbenzene	BRL	ug/L	0.50	0.087	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
o-Xylene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
sec-Butylbenzene	BRL	ug/L	0.50	0.076	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Styrene	BRL	ug/L	0.50	0.047	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
tert-Butylbenzene	BRL	ug/L	0.50	0.088	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Tetrachloroethylene	BRL	ug/L	0.50	0.098	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Toluene	BRL	ug/L	0.50	0.044	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.070	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.12	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Trichloroethylene	BRL	ug/L	0.50	0.078	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Trichlorofluoromethane	BRL	ug/L	0.50	0.062	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Vinyl acetate	BRL	ug/L	5.0	0.060	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Vinyl chloride	BRL	ug/L	0.50	0.097	1	SM6200 B	10/7/15 16:30	CGP	P5J0180
Xylenes, total	BRL	ug/L	1.5	0.15	1	SM6200 B	10/7/15 16:30	CGP	P5J0180

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*93 %*	*70-130*
Dibromofluoromethane	*98 %*	*70-130*
Toluene-d8	*87 %*	*70-130*

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Prism Work Order: 5090457
Time Submitted: 9/25/2015 10:20:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5J0131 - SM6200 B										
Blank (P5J0131-BLK1)				Prepared & Analyzed: 10/05/15						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	0.50	ug/L							
1,2,3-Trichloropropane	BRL	0.50	ug/L							
1,2,4-Trichlorobenzene	BRL	0.50	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							
Acetone	BRL	10	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	0.50	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethanol	BRL	200	ug/L							
Ethylbenzene	BRL	0.50	ug/L							
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							

Shield Engineering, Inc.
Attn: Flora D'Souza
4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Prism Work Order: 5090457
Time Submitted: 9/25/2015 10:20:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5J0131 - SM6200 B										
Blank (P5J0131-BLK1)				Prepared & Analyzed: 10/05/15						
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	1.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	1.0	ug/L							
Methylene Chloride	BRL	2.0	ug/L							
Methyl-tert-Butyl Ether	BRL	1.0	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	0.50	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	5.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Xylenes, total	BRL	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*68.5*		*ug/L*	*50.00*		*137*	*70-130*			*SR*
Surrogate: Dibromofluoromethane	*59.1*		*ug/L*	*50.00*		*118*	*70-130*			
Surrogate: Toluene-d8	*74.4*		*ug/L*	*50.00*		*149*	*70-130*			*SR*
LCS (P5J0131-BS1)				Prepared & Analyzed: 10/05/15						
1,1,1,2-Tetrachloroethane	21.2	0.50	ug/L	20.00		106	70-130			
1,1,1-Trichloroethane	16.4	0.50	ug/L	20.00		82	70-130			
1,1,2,2-Tetrachloroethane	23.8	0.50	ug/L	20.00		119	70-130			
1,1,2-Trichloroethane	16.1	0.50	ug/L	20.00		81	70-130			
1,1-Dichloroethane	15.9	0.50	ug/L	20.00		80	70-130			
1,1-Dichloroethylene	15.2	0.50	ug/L	20.00		76	70-130			
1,1-Dichloropropylene	16.5	0.50	ug/L	20.00		82	70-130			
1,2,3-Trichlorobenzene	22.2	0.50	ug/L	20.00		111	70-130			
1,2,3-Trichloropropane	23.3	0.50	ug/L	20.00		117	70-130			
1,2,4-Trichlorobenzene	24.0	0.50	ug/L	20.00		120	70-130			
1,2,4-Trimethylbenzene	22.7	0.50	ug/L	20.00		113	70-130			
1,2-Dibromo-3-chloropropane	23.3	2.0	ug/L	20.00		116	70-130			
1,2-Dibromoethane	22.4	0.50	ug/L	20.00		112	70-130			
1,2-Dichlorobenzene	23.3	0.50	ug/L	20.00		117	70-130			
1,2-Dichloroethane	16.2	0.50	ug/L	20.00		81	70-130			
1,2-Dichloropropane	16.6	0.50	ug/L	20.00		83	70-130			
1,3,5-Trimethylbenzene	22.9	0.50	ug/L	20.00		115	70-130			
1,3-Dichlorobenzene	23.6	0.50	ug/L	20.00		118	70-130			
1,3-Dichloropropane	21.8	0.50	ug/L	20.00		109	70-130			
1,4-Dichlorobenzene	23.4	0.50	ug/L	20.00		117	70-130			

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5J0131 - SM6200 B										
LCS (P5J0131-BS1)				Prepared & Analyzed: 10/05/15						
2,2-Dichloropropane	16.3	2.0	ug/L	20.00		81	70-130			
2-Chlorotoluene	23.4	0.50	ug/L	20.00		117	70-130			
4-Chlorotoluene	22.9	0.50	ug/L	20.00		114	70-130			
4-Isopropyltoluene	22.9	0.50	ug/L	20.00		115	70-130			
Acetone	37.7	10	ug/L	40.00		94	40-160			
Benzene	16.1	0.50	ug/L	20.00		80	70-130			
Bromobenzene	24.2	0.50	ug/L	20.00		121	70-130			
Bromochloromethane	17.0	0.50	ug/L	20.00		85	70-130			
Bromodichloromethane	14.9	0.50	ug/L	20.00		74	70-130			
Bromoform	19.6	0.50	ug/L	20.00		98	70-130			
Bromomethane	15.7	1.0	ug/L	20.00		79	60-140			
Carbon Tetrachloride	15.7	0.50	ug/L	20.00		78	70-130			
Chlorobenzene	20.9	0.50	ug/L	20.00		104	70-130			
Chloroethane	15.4	0.50	ug/L	20.00		77	60-140			
Chloroform	14.3	0.50	ug/L	20.00		71	70-130			
Chloromethane	14.5	0.50	ug/L	20.00		73	60-140			
cis-1,2-Dichloroethylene	15.8	0.50	ug/L	20.00		79	70-130			
cis-1,3-Dichloropropylene	16.5	0.50	ug/L	20.00		82	70-130			
Dibromochloromethane	19.8	0.50	ug/L	20.00		99	70-130			
Dibromomethane	16.6	0.50	ug/L	20.00		83	70-130			
Dichlorodifluoromethane	10.1	1.0	ug/L	20.00		50	60-140			L
Ethanol	527	200	ug/L	500.0		105	60-140			
Ethylbenzene	20.7	0.50	ug/L	20.00		104	70-130			
Hexachlorobutadiene	24.7	2.0	ug/L	20.00		123	70-130			
Isopropyl Ether	15.0	0.50	ug/L	20.00		75	70-130			
Isopropylbenzene (Cumene)	25.1	0.50	ug/L	20.00		126	70-130			
m,p-Xylenes	41.4	1.0	ug/L	40.00		104	70-130			
Methyl Butyl Ketone (2-Hexanone)	20.2	1.0	ug/L	20.00		101	60-140			
Methyl Ethyl Ketone (2-Butanone)	17.4	5.0	ug/L	20.00		87	60-140			
Methyl Isobutyl Ketone	15.2	1.0	ug/L	20.00		76	60-140			
Methylene Chloride	17.3	2.0	ug/L	20.00		87	70-130			
Methyl-tert-Butyl Ether	15.7	1.0	ug/L	20.00		79	70-130			
Naphthalene	22.5	1.0	ug/L	20.00		112	70-130			
n-Butylbenzene	22.8	0.50	ug/L	20.00		114	70-130			
n-Propylbenzene	23.4	0.50	ug/L	20.00		117	70-130			
o-Xylene	20.8	0.50	ug/L	20.00		104	70-130			
sec-Butylbenzene	24.1	0.50	ug/L	20.00		120	70-130			
Styrene	21.0	0.50	ug/L	20.00		105	70-130			
tert-Butylbenzene	23.5	0.50	ug/L	20.00		118	70-130			
Tetrachloroethylene	20.8	0.50	ug/L	20.00		104	70-130			
Toluene	16.1	0.50	ug/L	20.00		81	70-130			
trans-1,2-Dichloroethylene	16.2	0.50	ug/L	20.00		81	70-130			
trans-1,3-Dichloropropylene	16.3	0.50	ug/L	20.00		82	70-130			
Trichloroethylene	16.1	0.50	ug/L	20.00		81	70-130			
Trichlorofluoromethane	16.1	0.50	ug/L	20.00		80	60-140			
Vinyl acetate	16.9	5.0	ug/L	20.00		85	60-140			

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5J0131 - SM6200 B										
LCS (P5J0131-BS1)				Prepared & Analyzed: 10/05/15						
Vinyl chloride	16.8	0.50	ug/L	20.00		84	60-140			
Xylenes, total	62.3	1.5	ug/L	60.00		104	70-130			
Surrogate: 4-Bromofluorobenzene	*67.4*		*ug/L*	*50.00*		*135*	*70-130*			*SR*
Surrogate: Dibromofluoromethane	*60.7*		*ug/L*	*50.00*		*121*	*70-130*			
Surrogate: Toluene-d8	*77.5*		*ug/L*	*50.00*		*155*	*70-130*			*SR*
LCS Dup (P5J0131-BSD1)				Prepared & Analyzed: 10/05/15						
1,1,1,2-Tetrachloroethane	21.1	0.50	ug/L	20.00		106	70-130	0.6	20	
1,1,1-Trichloroethane	15.9	0.50	ug/L	20.00		80	70-130	3	20	
1,1,2,2-Tetrachloroethane	23.7	0.50	ug/L	20.00		119	70-130	0.1	20	
1,1,2-Trichloroethane	15.9	0.50	ug/L	20.00		80	70-130	1	20	
1,1-Dichloroethane	15.8	0.50	ug/L	20.00		79	70-130	1	20	
1,1-Dichloroethylene	15.3	0.50	ug/L	20.00		77	70-130	0.9	20	
1,1-Dichloropropylene	16.1	0.50	ug/L	20.00		80	70-130	3	20	
1,2,3-Trichlorobenzene	27.7	0.50	ug/L	20.00		139	70-130	22	20	L2
1,2,3-Trichloropropane	23.8	0.50	ug/L	20.00		119	70-130	2	20	
1,2,4-Trichlorobenzene	27.8	0.50	ug/L	20.00		139	70-130	15	20	L2
1,2,4-Trimethylbenzene	23.2	0.50	ug/L	20.00		116	70-130	3	20	
1,2-Dibromo-3-chloropropane	22.6	2.0	ug/L	20.00		113	70-130	3	20	
1,2-Dibromoethane	22.0	0.50	ug/L	20.00		110	70-130	2	20	
1,2-Dichlorobenzene	23.7	0.50	ug/L	20.00		119	70-130	2	20	
1,2-Dichloroethane	15.8	0.50	ug/L	20.00		79	70-130	3	20	
1,2-Dichloropropane	16.3	0.50	ug/L	20.00		82	70-130	2	20	
1,3,5-Trimethylbenzene	23.9	0.50	ug/L	20.00		119	70-130	4	20	
1,3-Dichlorobenzene	24.2	0.50	ug/L	20.00		121	70-130	3	20	
1,3-Dichloropropane	21.3	0.50	ug/L	20.00		106	70-130	2	20	
1,4-Dichlorobenzene	24.1	0.50	ug/L	20.00		120	70-130	3	20	
2,2-Dichloropropane	15.5	2.0	ug/L	20.00		77	70-130	5	20	
2-Chlorotoluene	23.5	0.50	ug/L	20.00		117	70-130	0.4	20	
4-Chlorotoluene	23.6	0.50	ug/L	20.00		118	70-130	3	20	
4-Isopropyltoluene	23.5	0.50	ug/L	20.00		117	70-130	2	20	
Acetone	30.8	10	ug/L	40.00		77	40-160	20	20	
Benzene	15.9	0.50	ug/L	20.00		79	70-130	1	20	
Bromobenzene	24.9	0.50	ug/L	20.00		124	70-130	3	20	
Bromochloromethane	16.5	0.50	ug/L	20.00		82	70-130	3	20	
Bromodichloromethane	14.6	0.50	ug/L	20.00		73	70-130	2	20	
Bromoform	18.9	0.50	ug/L	20.00		95	70-130	4	20	
Bromomethane	15.2	1.0	ug/L	20.00		76	60-140	3	20	
Carbon Tetrachloride	15.2	0.50	ug/L	20.00		76	70-130	3	20	
Chlorobenzene	20.8	0.50	ug/L	20.00		104	70-130	0.4	20	
Chloroethane	15.3	0.50	ug/L	20.00		76	60-140	0.8	20	
Chloroform	13.8	0.50	ug/L	20.00		69	70-130	4	20	L2
Chloromethane	14.3	0.50	ug/L	20.00		72	60-140	1	20	
cis-1,2-Dichloroethylene	15.8	0.50	ug/L	20.00		79	70-130	0.3	20	
cis-1,3-Dichloropropylene	16.1	0.50	ug/L	20.00		80	70-130	2	20	
Dibromochloromethane	19.6	0.50	ug/L	20.00		98	70-130	1	20	
Dibromomethane	16.2	0.50	ug/L	20.00		81	70-130	2	20	

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5J0131 - SM6200 B										
LCS Dup (P5J0131-BSD1)				Prepared & Analyzed: 10/05/15						
Dichlorodifluoromethane	9.92	1.0	ug/L	20.00		50	60-140	1	20	L
Ethanol	414	200	ug/L	500.0		83	60-140	24	20	D
Ethylbenzene	20.5	0.50	ug/L	20.00		102	70-130	1	20	
Hexachlorobutadiene	27.0	2.0	ug/L	20.00		135	70-130	9	20	L2
Isopropyl Ether	14.6	0.50	ug/L	20.00		73	70-130	3	20	
Isopropylbenzene (Cumene)	25.4	0.50	ug/L	20.00		127	70-130	0.9	20	
m,p-Xylenes	40.9	1.0	ug/L	40.00		102	70-130	1	20	
Methyl Butyl Ketone (2-Hexanone)	19.4	1.0	ug/L	20.00		97	60-140	4	20	
Methyl Ethyl Ketone (2-Butanone)	14.6	5.0	ug/L	20.00		73	60-140	18	20	
Methyl Isobutyl Ketone	14.6	1.0	ug/L	20.00		73	60-140	4	20	
Methylene Chloride	14.8	2.0	ug/L	20.00		74	70-130	16	20	
Methyl-tert-Butyl Ether	15.6	1.0	ug/L	20.00		78	70-130	0.8	20	
Naphthalene	25.0	1.0	ug/L	20.00		125	70-130	11	20	
n-Butylbenzene	24.0	0.50	ug/L	20.00		120	70-130	5	20	
n-Propylbenzene	24.0	0.50	ug/L	20.00		120	70-130	2	20	
o-Xylene	20.9	0.50	ug/L	20.00		104	70-130	0.2	20	
sec-Butylbenzene	24.7	0.50	ug/L	20.00		123	70-130	2	20	
Styrene	20.8	0.50	ug/L	20.00		104	70-130	1	20	
tert-Butylbenzene	23.9	0.50	ug/L	20.00		119	70-130	1	20	
Tetrachloroethylene	21.0	0.50	ug/L	20.00		105	70-130	1	20	
Toluene	15.8	0.50	ug/L	20.00		79	70-130	2	20	
trans-1,2-Dichloroethylene	15.0	0.50	ug/L	20.00		75	70-130	8	20	
trans-1,3-Dichloropropylene	16.1	0.50	ug/L	20.00		80	70-130	2	20	
Trichloroethylene	15.8	0.50	ug/L	20.00		79	70-130	2	20	
Trichlorofluoromethane	15.8	0.50	ug/L	20.00		79	60-140	2	20	
Vinyl acetate	17.0	5.0	ug/L	20.00		85	60-140	0.4	20	
Vinyl chloride	16.0	0.50	ug/L	20.00		80	60-140	5	20	
Xylenes, total	61.8	1.5	ug/L	60.00		103	70-130	0.8	20	
Surrogate: 4-Bromofluorobenzene	*66.1*		*ug/L*	*50.00*		*132*	*70-130*			*SR*
Surrogate: Dibromofluoromethane	*59.6*		*ug/L*	*50.00*		*119*	*70-130*			
Surrogate: Toluene-d8	*75.2*		*ug/L*	*50.00*		*150*	*70-130*			*SR*

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5J0180 - SM6200 B										
Blank (P5J0180-BLK1)				Prepared & Analyzed: 10/07/15						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	0.50	ug/L							
1,2,3-Trichloropropane	BRL	0.50	ug/L							
1,2,4-Trichlorobenzene	BRL	0.50	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							
Acetone	BRL	10	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	0.50	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethanol	BRL	200	ug/L							
Ethylbenzene	BRL	0.50	ug/L							
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5J0180 - SM6200 B										
Blank (P5J0180-BLK1)				Prepared & Analyzed: 10/07/15						
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	1.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	1.0	ug/L							
Methylene Chloride	BRL	2.0	ug/L							
Methyl-tert-Butyl Ether	BRL	1.0	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	0.50	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	5.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Xylenes, total	BRL	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*46.0*		*ug/L*	*50.00*		*92*	*70-130*			
Surrogate: Dibromofluoromethane	*47.9*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*43.1*		*ug/L*	*50.00*		*86*	*70-130*			
LCS (P5J0180-BS1)				Prepared & Analyzed: 10/07/15						
1,1,1,2-Tetrachloroethane	21.4	0.50	ug/L	20.00		107	70-130			
1,1,1-Trichloroethane	21.6	0.50	ug/L	20.00		108	70-130			
1,1,2,2-Tetrachloroethane	18.7	0.50	ug/L	20.00		94	70-130			
1,1,2-Trichloroethane	21.5	0.50	ug/L	20.00		108	70-130			
1,1-Dichloroethane	22.4	0.50	ug/L	20.00		112	70-130			
1,1-Dichloroethylene	18.5	0.50	ug/L	20.00		92	70-130			
1,1-Dichloropropylene	21.0	0.50	ug/L	20.00		105	70-130			
1,2,3-Trichlorobenzene	20.4	0.50	ug/L	20.00		102	70-130			
1,2,3-Trichloropropane	18.8	0.50	ug/L	20.00		94	70-130			
1,2,4-Trichlorobenzene	20.2	0.50	ug/L	20.00		101	70-130			
1,2,4-Trimethylbenzene	20.8	0.50	ug/L	20.00		104	70-130			
1,2-Dibromo-3-chloropropane	18.1	2.0	ug/L	20.00		91	70-130			
1,2-Dibromoethane	20.9	0.50	ug/L	20.00		104	70-130			
1,2-Dichlorobenzene	20.4	0.50	ug/L	20.00		102	70-130			
1,2-Dichloroethane	21.5	0.50	ug/L	20.00		108	70-130			
1,2-Dichloropropane	21.4	0.50	ug/L	20.00		107	70-130			
1,3,5-Trimethylbenzene	21.3	0.50	ug/L	20.00		107	70-130			
1,3-Dichlorobenzene	20.8	0.50	ug/L	20.00		104	70-130			
1,3-Dichloropropane	20.4	0.50	ug/L	20.00		102	70-130			
1,4-Dichlorobenzene	20.5	0.50	ug/L	20.00		103	70-130			

Shield Engineering, Inc.
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4301 Taggart Creek Rd.
Charlotte, NC 28208

Project: Johnny's Sav-a-Sum

Prism Work Order: 5090457
Time Submitted: 9/25/2015 10:20:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5J0180 - SM6200 B										
LCS (P5J0180-BS1)				Prepared & Analyzed: 10/07/15						
2,2-Dichloropropane	23.3	2.0	ug/L	20.00		117	70-130			
2-Chlorotoluene	21.0	0.50	ug/L	20.00		105	70-130			
4-Chlorotoluene	20.7	0.50	ug/L	20.00		104	70-130			
4-Isopropyltoluene	21.7	0.50	ug/L	20.00		109	70-130			
Acetone	31.7	10	ug/L	40.00		79	40-160			
Benzene	20.2	0.50	ug/L	20.00		101	70-130			
Bromobenzene	19.4	0.50	ug/L	20.00		97	70-130			
Bromochloromethane	22.6	0.50	ug/L	20.00		113	70-130			
Bromodichloromethane	20.9	0.50	ug/L	20.00		104	70-130			
Bromoform	18.9	0.50	ug/L	20.00		95	70-130			
Bromomethane	26.1	1.0	ug/L	20.00		130	60-140			
Carbon Tetrachloride	21.7	0.50	ug/L	20.00		108	70-130			
Chlorobenzene	20.2	0.50	ug/L	20.00		101	70-130			
Chloroethane	27.2	0.50	ug/L	20.00		136	60-140			
Chloroform	18.7	0.50	ug/L	20.00		93	70-130			
Chloromethane	23.7	0.50	ug/L	20.00		118	60-140			
cis-1,2-Dichloroethylene	20.3	0.50	ug/L	20.00		102	70-130			
cis-1,3-Dichloropropylene	22.8	0.50	ug/L	20.00		114	70-130			
Dibromochloromethane	19.1	0.50	ug/L	20.00		96	70-130			
Dibromomethane	21.7	0.50	ug/L	20.00		109	70-130			
Dichlorodifluoromethane	23.0	1.0	ug/L	20.00		115	60-140			
Ethanol	329	200	ug/L	500.0		66	60-140			
Ethylbenzene	20.8	0.50	ug/L	20.00		104	70-130			
Hexachlorobutadiene	20.7	2.0	ug/L	20.00		103	70-130			
Isopropyl Ether	20.6	0.50	ug/L	20.00		103	70-130			
Isopropylbenzene (Cumene)	22.6	0.50	ug/L	20.00		113	70-130			
m,p-Xylenes	42.7	1.0	ug/L	40.00		107	70-130			
Methyl Butyl Ketone (2-Hexanone)	17.1	1.0	ug/L	20.00		85	60-140			
Methyl Ethyl Ketone (2-Butanone)	19.2	5.0	ug/L	20.00		96	60-140			
Methyl Isobutyl Ketone	19.9	1.0	ug/L	20.00		100	60-140			
Methylene Chloride	20.0	2.0	ug/L	20.00		100	70-130			
Methyl-tert-Butyl Ether	22.1	1.0	ug/L	20.00		110	70-130			
Naphthalene	19.9	1.0	ug/L	20.00		99	70-130			
n-Butylbenzene	19.8	0.50	ug/L	20.00		99	70-130			
n-Propylbenzene	21.2	0.50	ug/L	20.00		106	70-130			
o-Xylene	20.0	0.50	ug/L	20.00		100	70-130			
sec-Butylbenzene	21.3	0.50	ug/L	20.00		106	70-130			
Styrene	19.0	0.50	ug/L	20.00		95	70-130			
tert-Butylbenzene	21.0	0.50	ug/L	20.00		105	70-130			
Tetrachloroethylene	20.0	0.50	ug/L	20.00		100	70-130			
Toluene	21.3	0.50	ug/L	20.00		107	70-130			
trans-1,2-Dichloroethylene	19.8	0.50	ug/L	20.00		99	70-130			
trans-1,3-Dichloropropylene	22.9	0.50	ug/L	20.00		115	70-130			
Trichloroethylene	21.8	0.50	ug/L	20.00		109	70-130			
Trichlorofluoromethane	29.9	0.50	ug/L	20.00		150	60-140			LH
Vinyl acetate	24.5	5.0	ug/L	20.00		123	60-140			

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5J0180 - SM6200 B										
LCS (P5J0180-BS1)				Prepared & Analyzed: 10/07/15						
Vinyl chloride	24.8	0.50	ug/L	20.00		124	60-140			
Xylenes, total	62.6	1.5	ug/L	60.00		104	70-130			
Surrogate: 4-Bromofluorobenzene	*47.0*		*ug/L*	*50.00*		*94*	*70-130*			
Surrogate: Dibromofluoromethane	*50.4*		*ug/L*	*50.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*46.1*		*ug/L*	*50.00*		*92*	*70-130*			
LCS Dup (P5J0180-BSD1)				Prepared & Analyzed: 10/07/15						
1,1,1,2-Tetrachloroethane	21.0	0.50	ug/L	20.00		105	70-130	2	20	
1,1,1-Trichloroethane	21.2	0.50	ug/L	20.00		106	70-130	2	20	
1,1,2,2-Tetrachloroethane	18.1	0.50	ug/L	20.00		90	70-130	3	20	
1,1,2-Trichloroethane	21.5	0.50	ug/L	20.00		108	70-130	0.09	20	
1,1-Dichloroethane	21.7	0.50	ug/L	20.00		108	70-130	3	20	
1,1-Dichloroethylene	18.1	0.50	ug/L	20.00		91	70-130	2	20	
1,1-Dichloropropylene	20.4	0.50	ug/L	20.00		102	70-130	3	20	
1,2,3-Trichlorobenzene	19.9	0.50	ug/L	20.00		99	70-130	2	20	
1,2,3-Trichloropropane	18.2	0.50	ug/L	20.00		91	70-130	3	20	
1,2,4-Trichlorobenzene	19.7	0.50	ug/L	20.00		98	70-130	3	20	
1,2,4-Trimethylbenzene	20.2	0.50	ug/L	20.00		101	70-130	3	20	
1,2-Dibromo-3-chloropropane	17.0	2.0	ug/L	20.00		85	70-130	6	20	
1,2-Dibromoethane	20.3	0.50	ug/L	20.00		101	70-130	3	20	
1,2-Dichlorobenzene	19.8	0.50	ug/L	20.00		99	70-130	3	20	
1,2-Dichloroethane	21.1	0.50	ug/L	20.00		106	70-130	2	20	
1,2-Dichloropropane	21.1	0.50	ug/L	20.00		106	70-130	1	20	
1,3,5-Trimethylbenzene	20.8	0.50	ug/L	20.00		104	70-130	3	20	
1,3-Dichlorobenzene	20.3	0.50	ug/L	20.00		102	70-130	2	20	
1,3-Dichloropropane	20.2	0.50	ug/L	20.00		101	70-130	1	20	
1,4-Dichlorobenzene	20.0	0.50	ug/L	20.00		100	70-130	2	20	
2,2-Dichloropropane	22.4	2.0	ug/L	20.00		112	70-130	4	20	
2-Chlorotoluene	20.4	0.50	ug/L	20.00		102	70-130	3	20	
4-Chlorotoluene	20.1	0.50	ug/L	20.00		100	70-130	3	20	
4-Isopropyltoluene	20.9	0.50	ug/L	20.00		104	70-130	4	20	
Acetone	30.3	10	ug/L	40.00		76	40-160	4	20	
Benzene	19.8	0.50	ug/L	20.00		99	70-130	2	20	
Bromobenzene	19.2	0.50	ug/L	20.00		96	70-130	1	20	
Bromochloromethane	22.7	0.50	ug/L	20.00		114	70-130	0.7	20	
Bromodichloromethane	20.3	0.50	ug/L	20.00		101	70-130	3	20	
Bromoform	18.4	0.50	ug/L	20.00		92	70-130	3	20	
Bromomethane	25.9	1.0	ug/L	20.00		130	60-140	0.6	20	
Carbon Tetrachloride	21.0	0.50	ug/L	20.00		105	70-130	3	20	
Chlorobenzene	19.8	0.50	ug/L	20.00		99	70-130	2	20	
Chloroethane	26.3	0.50	ug/L	20.00		131	60-140	3	20	
Chloroform	18.3	0.50	ug/L	20.00		91	70-130	2	20	
Chloromethane	23.0	0.50	ug/L	20.00		115	60-140	3	20	
cis-1,2-Dichloroethylene	20.0	0.50	ug/L	20.00		100	70-130	2	20	
cis-1,3-Dichloropropylene	22.3	0.50	ug/L	20.00		111	70-130	2	20	
Dibromochloromethane	18.5	0.50	ug/L	20.00		92	70-130	3	20	
Dibromomethane	21.6	0.50	ug/L	20.00		108	70-130	0.6	20	

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5J0180 - SM6200 B										
LCS Dup (P5J0180-BSD1)				Prepared & Analyzed: 10/07/15						
Dichlorodifluoromethane	22.4	1.0	ug/L	20.00		112	60-140	3	20	
Ethanol	351	200	ug/L	500.0		70	60-140	6	20	
Ethylbenzene	20.3	0.50	ug/L	20.00		102	70-130	3	20	
Hexachlorobutadiene	19.8	2.0	ug/L	20.00		99	70-130	4	20	
Isopropyl Ether	20.0	0.50	ug/L	20.00		100	70-130	3	20	
Isopropylbenzene (Cumene)	21.8	0.50	ug/L	20.00		109	70-130	4	20	
m,p-Xylenes	41.6	1.0	ug/L	40.00		104	70-130	3	20	
Methyl Butyl Ketone (2-Hexanone)	16.4	1.0	ug/L	20.00		82	60-140	4	20	
Methyl Ethyl Ketone (2-Butanone)	18.8	5.0	ug/L	20.00		94	60-140	2	20	
Methyl Isobutyl Ketone	19.3	1.0	ug/L	20.00		96	60-140	3	20	
Methylene Chloride	19.6	2.0	ug/L	20.00		98	70-130	2	20	
Methyl-tert-Butyl Ether	21.6	1.0	ug/L	20.00		108	70-130	2	20	
Naphthalene	19.1	1.0	ug/L	20.00		95	70-130	4	20	
n-Butylbenzene	19.0	0.50	ug/L	20.00		95	70-130	4	20	
n-Propylbenzene	20.5	0.50	ug/L	20.00		102	70-130	3	20	
o-Xylene	18.9	0.50	ug/L	20.00		94	70-130	6	20	
sec-Butylbenzene	20.5	0.50	ug/L	20.00		103	70-130	4	20	
Styrene	18.4	0.50	ug/L	20.00		92	70-130	3	20	
tert-Butylbenzene	20.3	0.50	ug/L	20.00		102	70-130	3	20	
Tetrachloroethylene	19.4	0.50	ug/L	20.00		97	70-130	3	20	
Toluene	21.2	0.50	ug/L	20.00		106	70-130	0.6	20	
trans-1,2-Dichloroethylene	19.0	0.50	ug/L	20.00		95	70-130	4	20	
trans-1,3-Dichloropropylene	22.5	0.50	ug/L	20.00		113	70-130	2	20	
Trichloroethylene	21.2	0.50	ug/L	20.00		106	70-130	3	20	
Trichlorofluoromethane	29.1	0.50	ug/L	20.00		146	60-140	3	20	LH
Vinyl acetate	23.9	5.0	ug/L	20.00		120	60-140	3	20	
Vinyl chloride	24.1	0.50	ug/L	20.00		120	60-140	3	20	
Xylenes, total	60.4	1.5	ug/L	60.00		101	70-130	4	20	
Surrogate: 4-Bromofluorobenzene	*46.8*		*ug/L*	*50.00*		*94*	*70-130*			
Surrogate: Dibromofluoromethane	*50.4*		*ug/L*	*50.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*46.2*		*ug/L*	*50.00*		*92*	*70-130*			

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3030C Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5I0479 - SM3030 C										
Blank (P5I0479-BLK1)				Prepared: 09/25/15 Analyzed: 09/28/15						
Lead	BRL	0.0051	mg/L							
LCS (P5I0479-BS1)				Prepared: 09/25/15 Analyzed: 09/28/15						
Lead	0.250	0.0051	mg/L	0.2500		100	80-120			
Matrix Spike (P5I0479-MS1)		**Source: 5090457-01**		Prepared: 09/25/15 Analyzed: 09/28/15						
Lead	0.231	0.0052	mg/L	0.2500	0.00144	92	75-125			
Matrix Spike Dup (P5I0479-MSD1)		**Source: 5090457-01**		Prepared: 09/25/15 Analyzed: 09/28/15						
Lead	0.237	0.0052	mg/L	0.2500	0.00144	94	75-125	3	20	
Batch P5I0480 - SM3030 C										
Blank (P5I0480-BLK1)				Prepared: 09/25/15 Analyzed: 09/28/15						
Lead	BRL	0.0052	mg/L							
LCS (P5I0480-BS1)				Prepared: 09/25/15 Analyzed: 09/28/15						
Lead	0.255	0.0052	mg/L	0.2500		102	80-120			
Matrix Spike (P5I0480-MS1)		**Source: 5090457-13**		Prepared: 09/25/15 Analyzed: 09/28/15						
Lead	0.247	0.0051	mg/L	0.2500	0.00237	98	75-125			
Matrix Spike Dup (P5I0480-MSD1)		**Source: 5090457-13**		Prepared: 09/25/15 Analyzed: 09/28/15						
Lead	0.245	0.0052	mg/L	0.2500	0.00237	97	75-125	0.9	20	

Sample Extraction Data

Prep Method: SM3030 C

Lab Number	Batch	Initial	Final	Date/Time
5090457-01	P5I0479	50 mL	51.59 mL	09/25/15 13:55
5090457-02	P5I0479	50 mL	51.46 mL	09/25/15 13:55
5090457-03	P5I0479	50 mL	51.43 mL	09/25/15 13:55
5090457-04	P5I0479	50 mL	51.69 mL	09/25/15 13:55
5090457-05	P5I0479	50 mL	52.17 mL	09/25/15 13:55
5090457-06	P5I0479	50 mL	51.28 mL	09/25/15 13:55
5090457-07	P5I0479	50 mL	50.98 mL	09/25/15 13:55
5090457-08	P5I0479	50 mL	51.64 mL	09/25/15 13:55
5090457-09	P5I0479	50 mL	51.42 mL	09/25/15 13:55
5090457-10	P5I0479	50 mL	52.42 mL	09/25/15 13:55
5090457-11	P5I0479	50 mL	52.09 mL	09/25/15 13:55
5090457-12	P5I0479	50 mL	51.42 mL	09/25/15 13:55
5090457-13	P5I0480	50 mL	50.97 mL	09/25/15 13:55
5090457-14	P5I0480	50 mL	51.69 mL	09/25/15 13:55
5090457-15	P5I0480	50 mL	50.69 mL	09/25/15 13:55
5090457-16	P5I0480	50 mL	50.48 mL	09/25/15 13:55
5090457-17	P5I0480	50 mL	51.49 mL	09/25/15 13:55
5090457-18	P5I0480	50 mL	51.44 mL	09/25/15 13:55
5090457-19	P5I0480	50 mL	50.8 mL	09/25/15 13:55
5090457-20	P5I0480	50 mL	50.36 mL	09/25/15 13:55
5090457-21	P5I0480	50 mL	51.4 mL	09/25/15 13:55
5090457-22	P5I0480	50 mL	52.14 mL	09/25/15 13:55
5090457-23	P5I0480	50 mL	51.75 mL	09/25/15 13:55
5090457-24	P5I0480	50 mL	51.5 mL	09/25/15 13:55

Prep Method: SM6200 B

Lab Number	Batch	Initial	Final	Date/Time
5090457-01	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-01	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-02	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-03	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-03	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-04	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-05	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-06	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-07	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-07	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-08	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-08	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-09	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-10	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-11	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-12	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-13	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-14	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-15	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-16	P5J0131	10 mL	10 mL	10/05/15 10:32
5090457-17	P5J0180	10 mL	10 mL	10/07/15 8:10
5090457-17	P5J0180	10 mL	10 mL	10/07/15 8:10
5090457-18	P5J0180	10 mL	10 mL	10/07/15 8:10
5090457-19	P5J0180	10 mL	10 mL	10/07/15 8:10
5090457-19	P5J0180	10 mL	10 mL	10/07/15 8:10
5090457-20	P5J0180	10 mL	10 mL	10/07/15 8:10
5090457-20	P5J0180	10 mL	10 mL	10/07/15 8:10
5090457-21	P5J0180	10 mL	10 mL	10/07/15 8:10
5090457-22	P5J0180	10 mL	10 mL	10/07/15 8:10

Sample Extraction Data

Prep Method: SM6200 B

Lab Number	Batch	Initial	Final	Date/Time
5090457-23	P5J0180	10 mL	10 mL	10/07/15 8:10
5090457-24	P5J0180	10 mL	10 mL	10/07/15 8:10
5090457-25	P5J0180	10 mL	10 mL	10/07/15 8:10

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

PAGE 1 OF 3 QUOTE # TO ENSURE PROPER BILLING:

Client Company Name: Shield Engineering
Report To/Contact Name: Flora D'Souza
Reporting Address: 4301 Taggart Creek Rd Charlotte NC 28208
Phone: 704-394-0913 Fax (Yes) (No):
Email Address: FdSouza@shieldengineering.com
EDD Type: PDF___Excel___Other___
Site Location Name: Johnny's Sav-A-Sup
Site Location Physical Address: CONCORD, NC

Project Name: Johnny's Sav-a-Sup
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (NO)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: Flora D'Souza
Address: 4301 Taggart Creek Rd Charlotte NC 28208

Purchase Order No./Billing Reference 1002045-54

Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☒ Standard 10 days ☐ Rush Work Must Be Pre-Approved

Samples received after 14:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE?	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?	✓		
PROPER CONTAINERS used?	✓		

TEMP: Therm ID: INT#4 Observed: 2.1 °C / Corr. 0.7°C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL

Certification: NELAC___ DoD___ FL___ NC✓
SC___ OTHER___ N/A___
Water Chlorinated: YES___ NO✓
Sample Iced Upon Collection: YES✓ NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSIS REQUESTED 8200	8021 Lead					REMARKS	PRISM LAB ID NO.
MW-1R	9/24/15	1140	Water	P, VOA	4	250 mL 40 mL	HNO3, HCl	X	X						01
MW-2		1145													02
MW-4		1155													03
MW-5		1205													04
MW-6		1206													05
MW-7		1210													06
MW-8		1211													07
MW-9		1213													08
MW-10		1231													09
MW-11R		1215													10

Sampler's Signature [signature] Sampled By (Print Name) Matt Smith, DANNY HEISER, J. HARBISON Affiliation Shield

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Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature) [signature]	Received By: (Signature)	9-25-15	10:00
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Prism Laboratories By:	9-25-15	10:20

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

☐ Fed Ex ☐ UPS ☐ Hand-delivered ☒ Prism Field Service ☐ Other

COC Group No. 5090457

Additional Comments:

PRISM USE ONLY

Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☑ NC ☐ SC	☑ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC
☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____

SEE REVERSE FOR TERMS & CONDITIONS

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

CHAIN OF CUSTODY RECORD

PAGE 2 OF 3 QUOTE # TO ENSURE PROPER BILLING: ______

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE?	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?	✓		
PROPER CONTAINERS used?	✓		

TEMP: Therm ID: IR-10 Observed: 2.1 °C / Corr: 0.9 °C

Client Company Name: Shield Engineering
Report To/Contact Name: Flora D'Souza
Reporting Address: 4301 Taggart Creek Rd
Charlotte, NC 28208
Phone: 704-394-6913 Fax (Yes) (No): ______
Email Address: fdsouza@shieldengineering.com
EDD Type: PDF___ Excel___ Other___
Site Location Name: Johnny's Sav-A-Som
Site Location Physical Address: Concord, NC

Project Name: Johnny's Sav-a-Som
Short Hold Analysis: (Yes) (No) — No circled   UST Project: (Yes) (NO) — Yes circled
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: Flora D'Souza
Address: 4301 Taggart Creek Rd
Charlotte, NC 28208

Purchase Order No./Billing Reference: 1002040-54
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☒ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 14:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC___ DoD___ FL___ NC ✓ SC___ OTHER___ N/A___
Water Chlorinated: YES___ NO ✓
Sample Iced Upon Collection: YES ✓ NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	6200	3030C Lead					REMARKS	PRISM LAB ID NO.
MW-12	9/24/15	1148	Water	P, VOA	4	250mL 40mL	HNO3, HCl	X	X						11
MW-13	|	1203	|	|	|	|	|	|	|						12
MW-14	|	1141	|	|	|	|	|	|	|						13
MW-15	|	1221	|	|	|	|	|	|	|						14
MW-17	|	1156	|	|	|	|	|	|	|						15
RW-1	|	1225	|	|	|	|	|	|	|						16
RW-2	|	1235	|	|	|	|	|	|	|						17
RW-3	|	1223	|	|	|	|	|	|	|						18
RW-4	|	1248	|	|	|	|	|	|	|						19
RW-5	|	1240	|	|	|	|	|	|	|						20

Sampler's Signature [signature]   Sampled By (Print Name) Danny Heffner, J. Harrison, Matt Smith   Affiliation Shield

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Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
[signature]	[signature]	9-25-15	10:00
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature) [signature]	Received For Prism Laboratories By: [signature]	9-25-15	10:20

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ Fed Ex ☐ UPS ☐ Hand-delivered ☒ Prism Field Service ☐ Other___

COC Group No. 509 0457

Additional Comments:

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES: ☐ NC ☐ SC ☐ ___
UST: ☒ NC ☐ SC ☐ ___
GROUNDWATER: ☒ NC ☐ SC ☐ ___
DRINKING WATER: ☐ NC ☐ SC ☐ ___
SOLID WASTE: ☐ NC ☐ SC ☐ ___
RCRA: ☐ NC ☐ SC ☐ ___
CERCLA: ☐ NC ☐ SC ☐ ___
LANDFILL: ☐ NC ☐ SC ☐ ___
OTHER: ☐ NC ☐ SC ☐ ___

SEE REVERSE FOR TERMS & CONDITIONS

*CONTAINER TYPE CODES: A = Amber C = Clear G= Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

PRISM LABORATORIES, INC.
Full-Service Analytical & Environmental Solutions
449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

CHAIN OF CUSTODY RECORD

PAGE 3 OF 3 QUOTE # TO ENSURE PROPER BILLING: ____

Client Company Name: Shield Engineering
Report To/Contact Name: Flora D'Souza
Reporting Address: 4301 Taggart Creek Rd Charlotte, NC 28208
Phone: 704-394-6913 Fax (Yes) (No):
Email Address: fdsouza@shieldengineering.com
EDD Type: PDF___ Excel___ Other___
Site Location Name: Johnny's Sav-A-Sum
Site Location Physical Address: Concord, NC

Project Name: Johnny's Sav-a-Sum
Short Hold Analysis: (Yes) (No) [No circled] UST Project: (Yes) (NO) [Yes circled]
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: Flora D'Souza
Address: 4301 Taggart Creek Rd Charlotte NC 28208
Purchase Order No./Billing Reference: 1002040-54
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☒ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 14:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE?	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?	✓		
PROPER CONTAINERS used?	✓		

TEMP: Therm ID: ERT-10 Observed: 2.1 °C / Corr: 0.9 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC___ DoD___ FL___ NC ✓ SC___ OTHER___ N/A___
Water Chlorinated: YES___ NO ✓
Sample Iced Upon Collection: YES ✓ NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	*TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	6200	3030C Lead					REMARKS	PRISM LAB ID NO.
WSW-4030	9/24/15	1335	Water	P, VOA	4	250 mL 40 mL	HNO3, HCL	X	X						21
WSW-2144	9/24/15	1355	Water	P, VOA	4	250 mL 40 mL	HNO3, HCL	X	X						22
3878	9/24/15	1333	Water	P, VOA	4	250 mL 40 mL	HNO3, HCL	X	X						23
3910	9/24/15	1353	Water	P, VOA	4	250 mL 40 mL	HNO3, HCL	X	X						24
Trip Blank	9/24/15	–	Water	VOA	2	40 mL	HCL	X							25

Sampler's Signature [signature] Sampled By (Print Name) Matt Smith, J. Karbison Affiliation Shield

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Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
[signature]	[signature]	9-25-15	10:07
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature) [signature]	Received For Prism Laboratories By: [signature]	9-25-15	10:20

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ Fed Ex ☐ UPS ☐ Hand-delivered ☒ Prism Field Service ☐ Other ____

COC Group No. 5090457

Additional Comments:

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES: ☐ NC ☐ SC ☐
UST: ☒ NC ☐ SC ☐
GROUNDWATER: ☒ NC ☐ SC ☐
DRINKING WATER: ☐ NC ☐ SC ☐
SOLID WASTE: ☐ NC ☐ SC ☐
RCRA: ☐ NC ☐ SC ☐
CERCLA ☐ NC ☐ SC ☐
LANDFILL ☐ NC ☐ SC ☐
OTHER: ☐ NC ☐ SC ☐

SEE REVERSE FOR TERMS & CONDITIONS

*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Headspace)