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GROUNDWATER AND SOIL SAMPLING REPORT
OCTOBER 2009
HANCOCK COUNTRY HAMS
3484 NC HIGHWAY 22 NORTH
FRANKLINVILLE, NORTH CAROLINA
INCIDENT # 3700

November 25, 2009

Facility Owner/Operator, and Land Owner:

Smithfield Packing Company
601 North Church Street
Smithfield, VA 23430
(757) 356-3131

Consultant:

Environmental Alliance, Inc.
10993 S. Richardson Road, Suite 17
Ashland, VA 23005
(804) 752-3558

Jason S. Early
Project Manager

Paul C. Miller, NC P.E. #028044
Principal Engineer
11/25/09

ENVIRONMENTAL ALLIANCE

ENVIRONMENTAL ALLIANCE

November 25, 2009

- *Engineering*
- *Remediation*
- *Consulting*

Ms. Ruth Debrito
Smithfield Packing Co., Inc.
601 North Church Street
Smithfield, Virginia 23430

Reference: **Groundwater Monitoring Report**
October 2009
Hancock Country Hams
3484 NC Highway 22 North
Franklinville, North Carolina
Environmental Alliance, Inc. Project # 2719

Dear Ms. Debrito:

Environmental Alliance, Inc. (Alliance) is pleased to present our report of the surface water and groundwater sampling which took place at the referenced location.

Copies of this report have been forwarded to Mr. Stephen Williams and Mr. John Walch of the North Carolina Department of Environment and Natural Resources (NCDENR), Mr. George House, and Mr. Stanford Baird. If you have any questions or require additional information, please do not hesitate to contact the undersigned at (804) 752-3558.

Sincerely,
ENVIRONMENTAL ALLIANCE, INC.

Jason S. Early
Project Manager

Paul C. Miller, P.E. #028044
Principal Engineer
11/25/09

c: Mr. Stanford Baird
Mr. George House
Mr. Stephen Williams, NCDENR
Mr. John Walch, NCDENR

Attachments

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HANCOCK COUNTRY HAMS
GROUNDWATER SAMPLING REPORT

Site Name and Location:	Hancock Country Hams 3484 NC Highway 22 North Franklinville, North Carolina
Latitude and Longitude:	35° 46' 49" North; 79° 41' 40" West
Incident Number:	3700
Risk Classification/Reason:	High (1) A water supply well used for drinking water is located within 1,000 feet of the source area of a confirmed discharge or release. (2) The groundwater within 500 feet of the source area of a confirmed discharge or release has the potential for future use in that there is no source of water supply other than the groundwater.
Land Use Category:	Commercial/Residential
UST Owners and Responsible Parties:	1. Gwaltney of Smithfield Ltd. 601 North Church Street Smithfield, Virginia 23430 757.356.3131 Attn. Mr. Rob Bogaard, Vice President of Operations 2. Lance, Inc. Post Office Box 32368 Charlotte, North Carolina 28232 704.554.1421 3. Ms. Julia Hancock 3456 NC Hwy 22 N. Franklinville, NC 27248
Current Land Owner:	Smithfield Packing Co., Inc. 601 North Church Street Smithfield, Virginia 23430 757.356.3131 Attn. Mr. Rob Bogaard, Vice President of Operations

ENVIRONMENTAL ALLIANCE

Consultant:

Environmental Alliance, Inc.
10993 S. Richardson Road, Suite 17
Ashland, VA 23005
Attn.: Mr. Paul C. Miller, P.E.
804.752.3558

Release Information:

Date Discovered: October 1988
Cause of Release: USTs in Pit B
UST(s) Size (gal) and Content:
1) 1,000 – Gasoline – Pit A
2) 3,000 – Gasoline – Pit B
3) 3,000 – Gasoline – Pit B
4) 1,500 – Gasoline – Pit C

Source of Release: UST System (Pit B)
Release Amount: Unknown

Date of Report: November 25, 2009

Seal and Signature of Certifying Licensed Engineer

11/25/09

Paul C. Miller, P.E.
NC License No. 028044

ENVIRONMENTAL ALLIANCE

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1.0 BACKGROUND

Environmental Alliance, Inc. (Alliance) has prepared this Groundwater Monitoring Report to document site monitoring activities performed during October 2009 at the former Hancock Country Hams Facility (the site). The site is located on the east side of the NC Hwy 22 approximately three miles south of Grays Chapel, Randolph County, North Carolina (Figure 1). The site is located in a rural, mostly undeveloped, area. The majority of the houses in the area are located along NC Hwy 22, north and south of the site, and along Cedar Forest Road, located approximately a 1/3 mile south of the site.

Westinghouse Environmental Services reported that four USTs were installed at the site in 1971. The tanks consisted of one-1,000 gallon gasoline UST, two-3,000 gallon gasoline USTs (nested together), and one-1,500 gallon gasoline UST. The UST locations are shown in Figure 2. All of the USTs were reportedly removed in 1986. Limited soil analysis data was collected from the UST excavations. Russnow, Kane, and Andrews collected samples from the South Well (SW), Ed Rhodes well (ERW), and the block house well (BHW) in May/June 1988. Contaminants associated with petroleum and chlorides were detected in the groundwater samples. The chloride in the groundwater is believed to be from the ham curing facility which operated at the site from the mid 1950's to the mid 1970's.

In May 1989, Westinghouse Environmental Services (WES) submitted an Initial Site Assessment of the site. This assessment included the drilling of numerous soil test borings, drilling and installation of two monitoring wells and three piezometers, stream sampling, and associated sampling and analyses in the fall of 1988. The site assessment determined the location of contaminated soil and began to determine the extent of groundwater contamination. The assessment confirmed that petroleum and chloride contamination was present in the bedrock aquifer. Chlorides below the State's water quality standards (NCAC 2B) have been detected in the creek east of the site. Also during the assessment, WES removed and treated approximately 700 cubic yards of petroleum contaminated soil from the UST Pit B area.

In early 1991, Charles T. Main (CTM) was contracted to develop a remedial action plan (RAP). Their plan was submitted to the then North Carolina Department of Environment, Health, and Natural Resources (NC DEHNR) Groundwater Section Regional Office in Winston-Salem, North Carolina on April 17, 1991. The NC DEHNR is currently the Department of Environment and Natural Resources (DENR) and will be referred to in that way in this report. The NCDENR requested additional information, and a supplemental RAP was submitted to the NCDENR on September 27, 1991. Both RAPs proposed using a pump and treat system to remediate the groundwater. The groundwater was to be pumped from seven recovery wells, treated, and discharged under an Individual NPDES permit. CTM recommended that the chloride contaminated soil be allowed to naturally remediate over time. Because of difficulties in obtaining access to discharge the effluent, in 1996, Smithfield Foods requested that the NCDENR allow the groundwater and soil be remediated through a process of natural attenuation. Following this request, on August 26, 1996, the NCDENR requested additional assessment of the site. In March 1998, a Groundwater Monitoring Report with updated sampling data was sent to the NCDENR. Upon review of the monitoring report, on May 20, 1998 the NCDENR requested additional investigation of the bedrock aquifer. A follow-up report was issued on August 23, 1999.

On October 11, 2002, the NCDENR sent Smithfield Foods a Notice of Regulatory Requirements requiring the submittal of a corrective action plan (CAP) to treat the petroleum contaminated soil and groundwater. Because chloride contaminated groundwater is commingled with the petroleum contamination, the CAP addressed both contaminants. On December 20, 2002 the CAP was submitted to NCDENR by Trigon Engineering Consultants (now Trigon/Kleinfelder). The CAP called for additional soil sampling in the UST B area, with excavation and disposal of any remaining contaminated soil. Groundwater contamination would be addressed with a pump and treat system incorporating an air stripper to treat the petroleum contamination and a reverse osmosis (RO) system to deal with elevated chloride concentrations. The December 2002 CAP was developed under tight time constraints and was, thus, based on the data from the 1999 sampling events. The CAP called for a new round of sampling and re-evaluation of the CAP requirements based on the analytical results.

Groundwater sampling of the recovery wells, monitoring wells, water wells and stream, and soil sampling of the UST B pit area and the salt disposal area was conducted on June 12 and 13, 2003. The results of the sampling was reported to NCDENR in an October 3, 2003 Groundwater and Soil Sampling Report. On March 30, 2003 a meeting was held at the site between Smithfield Foods, Mr. Stephen Williams of NCDENR and Trigon/Kleinfelder. Based on the preliminary June 2003 sampling results and a review of the site conditions, NCDENR agreed to consider modifying the December 2002 CAP to allow remediation of remaining contamination at the site by monitored natural attenuation. The modified conditions were to be allowed only if continued monitoring indicated that the contaminant plume was stable or improving. Groundwater sampling of the recovery wells, monitoring wells, water wells and the stream conducted on October 8, 2003 confirmed that both the BTEX and chloride plumes were stable and that natural attenuation of petroleum and chloride contamination in the groundwater may be occurring.

Following a review of the groundwater sampling data from the October 2003 sampling event, the NCDENR approved Smithfield's request on November 20, 2003 to modify the December 2002 CAP to provide for natural attenuation. On February 3, 2004, Trigon/Kleinfelder submitted a CAP to modify the December 2002 CAP, which will allow the existing petroleum and chloride contaminants in the site soil and groundwater to naturally attenuate. The February 3, 2004 natural attenuation CAP was approved by the NCDENR on March 16, 2004.

2.0 PURPOSE

The February 2004 modified CAP recommended quarterly sampling of the stream, recovery and monitoring wells, and nearby water wells to monitor the size and shape of the petroleum hydrocarbon plume, and annual monitoring of the soil in the brine disposal area.

On October 14, 2009, groundwater samples were collected and analyzed to assess the current state; i.e. size and concentrations of the hydrocarbon and chloride plumes. Since the stream was dry on this date, surface water samples could not be collected. It is the purpose of this report to present the results of the groundwater sampling conducted at the site on October 14, 2009.

3.0 RECEPTORS

A well survey of the area in October 1996 determined that there are approximately nine water supply wells within 1,500 feet of the site (Figure 3) and another seven wells within 1,750 feet of the site. Five of these wells are separated from the site by a stream valley (Figure 4). The names and addresses of water well users within 1,500 feet of the site are shown in Table 1. During the fall of 2007 a public water main was installed along NC Highway 22 to supply a proposed school north of the site. To date, one of the nine homes (Hancock) has been connected to the water system.

The owners of the properties located immediately adjacent to the site are listed in Table 2. Their locations are shown on Figure 3.

The hillside east of the site is dissected by numerous small gullies that feed a wet weather drainage feature located approximately 1,000 feet east of the site. This drainage feature flows into an unnamed tributary to Sandy Creek which is located approximately 1.3 miles east of the site (Figure 1).

4.0 METHODS

4.1 MONITORING AND RECOVERY WELL SAMPLING

Monitoring wells MW-1S and MW-1D and recovery wells RW-1, RW-2, RW-3, RW-4, RW-5, RW-6, and RW-7 were sampled on October 14, 2009. The locations of the monitoring and recovery wells are shown on Figure 2. The samples were sent to TestAmerica Laboratories in Nashville, Tennessee and analyzed for volatile and aromatic hydrocarbons using EPA Method 602 plus MTBE and DIPE and for chloride using EPA Method 300.0.

Prior to collecting the samples, the water level in each well was measured and recorded and a minimum of three well volumes of water was removed or the well was bailed dry using either a bailer or in place electric pumps. After purging, the monitoring well samples were collected with a new disposable bailer. The recovery well samples were collected from sample ports located at the well head. The samples were collected in laboratory supplied bottles, preserved, and shipped via over night courier under chain-of-custody to TestAmerica Laboratories in Nashville, Tennessee. Purge water was pumped into an on-site tanker truck and hauled to the Smithfield Foods facility in Bladen County, North Carolina.

4.2 WATER WELL SAMPLING

Six water wells were sampled on October 14, 2009. Eight water wells have historically been sampled; however, one home (Hancock) has been connected to the public water main as of January 14, 2009. The South Supply Well (SW) was not sampled because the pump for the plant water supply well has been turned off. The Presnell residence well could not be accessed during the sampling event; therefore, no sample was collected from this well in October 2009. The samples were sent to TestAmerica Laboratories and analyzed for volatile and aromatic hydrocarbons using EPA Method 602 plus MTBE and DIPE and for chloride via EPA Method 300.0. The locations of the water wells are shown on Figure 2. Prior to collecting the samples, the pumps in the water wells were allowed to run for approximately ten minutes to flush the lines and storage tanks. The samples were then collected from an outside faucet as close to the well as

possible. The samples were collected in laboratory supplied bottles, preserved, and shipped via over night courier under chain-of-custody to TestAmerica Laboratories.

4.3 STREAM SAMPLING

The stream located east of the site could not be sampled on October 14, 2009. During the sampling event, the stream bed was completely dry.

4.4 FIELD MEASUREMENTS

The static water level in each monitoring and recovery well sampled was measured on October 14, 2009. The water level was measured using an electronic water level meter accurate to 0.01 feet. The water level measurement data are recorded on Table 7.

5.0 RESULTS

5.1 MONITORING WELLS

Chloride was detected in wells MW-1S and MW-1D above the State's 2L .0202 Standard of 250 mg/L. No volatile organic compounds were detected in the samples. The laboratory results are summarized in Table 4 and the complete laboratory reports are included as Appendix B.

5.2 RECOVERY WELLS

The laboratory analysis of the sample from RW-3 detected a concentration of benzene and chloride above the respective North Carolina 2L .0202 standards. RW-6 detected a concentration of benzene above the respective North Carolina 2L .0202 standards. RW-7 detected a concentration of benzene, ethylbenzene and xylenes above the State's 2L .0202 standard. Chloride was detected above the State's 2L .0202 standard in recovery wells RW-1, RW-2, and RW-3. The laboratory results are summarized in Table 4 and the laboratory report is included as Appendix B.

To track petroleum associated contaminant concentrations over time, time-series plots were created for selected wells as for past monitoring reports. Figures 7 and 8 show the benzene concentrations versus time in RW-3 and RW-6, respectively. Figure 9 shows the benzene, ethylbenzene, toluene, and xylenes concentration versus time in RW-7.

5.3 WATER SUPPLY WELLS

No volatile organic compounds were detected in any of the water well samples. Chloride was detected in all the sampled water wells below the State's standard. The laboratory results are summarized in Table 5 and the laboratory report is included as Appendix B.

To track the petroleum associated contaminant concentrations over time, time-series plots were created for selected wells as for past monitoring reports. Figures 10, 11, and 12 show the

benzene concentrations versus time in the South well (SW), Ed Rhodes well (ERW), and Hancock well (6), respectively.

5.4 STREAM SAMPLES

Due to a completely dry stream bed, stream samples could not be collected during the October 2009 sampling event.

5.5 GROUNDWATER FLOW DIRECTION

The groundwater measurements collected on October 14, 2009 were used to prepare a groundwater surface contour map (Figure 13). The groundwater elevation measured at RW-1 was approximately 20 feet lower than in previous events. The cause of this anomalous reading is currently unknown but could be attributed to pumping drawdown from one or more of the nearby residential wells. The data shows groundwater in both the residuum and bedrock are moving radially to the southeast toward the stream with a component to the southwest. The water level data are summarized in Table 7.

5.6 PLUME GEOMETRY

Based on the data collected during the October 2009 sampling event, chloride is concentrated in the area immediately behind (east-southeast of) the plant (RW-3) and along a line extending to the south-southeast toward the stream (MW-1D). A diffuse plume of chloride extends to the north, southwest, and west of the plant. Chloride results from the October 2009 sampling event are plotted on Figure 14.

Review of historical chloride concentrations from the site monitoring and recovery wells in Table 4 reveals the following general trends. MW-1S has shown a decreasing trend, indicating a reduction in the core of the chloride plume. As noted previously, the low chloride concentration of 84.3 mg/L in MW-1S for the July 2009 sampling event is considered anomalous. Wells MW-1D, RW-1, RW-5, are RW-6 show generally stable concentrations with no easily-recognizable

trend. RW-4 and RW-7 also exhibit a generally stable trend but with a slight decrease over time. With the exception of the Hancock well (which is no longer sampled since this property is now hooked up to public water) and the Brown well (which reported 277 mg/L chloride in July 2009), all of the residential wells have remained below the 2L standard since March 2007.

The petroleum release reportedly occurred in the area of UST Pit B. A BTEX plume appears to be centered on the RW-7 area, although RW-3 and RW-6 have shown the presence of BTEX compounds in recent sampling events. Based on stream sampling data from previous quarters (the stream could not be sampled due to dry conditions in October 2009), the BTEX plume does not reach the creek southeast of the site. The current locations of the benzene, ethylbenzene, toluene, and xylenes plumes are shown on Figure 14.

6.0 CONCLUSIONS

Based on the results of the October 2009 monitoring at the site, the following conclusions can be drawn:

1. No petroleum hydrocarbons were detected in the samples collected from the nearby water supply wells during this sampling event at concentrations above the 2L Standard. Hydrocarbons associated with the UST release have consistently been detected in RW-3, RW-6, and RW-7. The concentrations of petroleum hydrocarbons in RW-3 have generally decreased over the historical period of monitoring. Although they exhibited some rebound in July 2009, the October 2009 results show them decreasing. The concentrations of petroleum hydrocarbons in RW-6 have generally been stable. The concentrations of benzene, ethylbenzene, toluene, and xylenes (BTEX) have consistently been the highest in RW-7 and have been gradually declining during the last four years with some fluctuations within approximately the last year.

2. The shallow residuum and deep bedrock aquifers are contaminated with chlorides. All the water wells sampled in the immediate area have detectable concentrations of chloride. Samples from the Hancock well consistently had concentrations of chlorides above the State's 2L Standard of 250 ppm. However, this residence has been connected to the public water supply and is therefore no longer sampled. The concentrations of chlorides in the samples have remained fairly constant over the sampling history at the site.

3. The concentration of chloride in all the shallow soil samples has remained below a concentration of 250 ppm for the last four years. Although it is difficult to detect a trend in the soil chloride concentrations using annual data, significant reductions in chloride at SS-2, SS-3, and SS-4 suggest that the chloride may be slowly flushed out of the soil in these areas by recharge from infiltrating precipitation.

4. All the residences within 1,000 feet of the site have had point-of-use reverse osmosis systems installed at the kitchen sink. The systems are maintained on a regular basis by a

local service provider. However, some residents do not always allow access to their home for system maintenance. In addition, a point-of-entry carbon adsorption system was installed at the Hancock residence, but has since been removed since this residence was connected to the public water supply. As a result, there is a limited risk of exposure to hydrocarbons or chloride for people in the area.

7.0 RECOMMENDATIONS

Since concentrations of BTEX compounds and chloride continue to exist in site monitoring and recovery wells above the respective 2L standards, continued monitoring as specified in the February 2008 Corrective Action Plan (Table 8) is recommended. Once the nearby residences have been connected to the public water system thereby eliminating potential exposure, Alliance recommends asking NCDENR to reevaluate the incident and to adopt alternate standards for the site.

TABLES

TABLE 1: PROPERTIES WITHIN 1,500 FEET OF THE SITE WITH WATER WELLS

Parcel ID No.	Property Owner	Property Address
7794400682	Sherry J. Norman	3575 NC Hwy 22N, Franklinville, NC 27248
7794403084	William E. & Jane P. Rhodes	3520 NC Hwy 22 N., Franklinville, NC 27248
7794308034	Joseph & Anne Sue Beal	3511 NC Hwy 22 N., Franklinville, NC 27248
7793491793	Hancock Old Fashion Ctry Ham	3482 NC Hwy 22N., Franklinville, NC 27248
7793491252	Julia S. Hancock	3456 NC Hwy 22 N., Franklinville, NC 27248
7793395540	Wilbert L. Hancock	1716 Academy Rd. Ext., Franklinville, NC 27248
7793394490	Terry Wesley	P. O. Box 1300, Ramseur, NC 27316
7793393252	Raymond Jester, Jr.	3419 NC Hwy 22 N., Franklinville, NC 27248
7793392064	Peggy J. Brown	3399 NC Hwy 22N., Franklinville, NC 27248
7793381857	James T. & Charlotte Kivett	3367 NC Hwy 22 N., Franklinville, NC 27248
7793582180	Richard Wallace	3519 Cedar Forest Rd, Franklinville, Nc 27248
7793580431	Irene C. Garrett	3521 Cedar Forest Rd, Franklinville, NC 27248
7793487411	Steven E. & Loretta Thompson	3505 Cedar Forest Rd, Franklinville, NC 27248

Note: Locations shown on Figure 3.

TABLE 2: ADJACENT PROPERTY OWNERS

Parcel ID No.	Property Owner	Property Address
7794403084	William E. & Jane P. Rhodes	3520 NC Hwy 22 N., Franklinville, NC 27248
7794308034	Joseph & Anne Sue Beal	3511 NC Hwy 22 N., Franklinville, NC 27248
7793491252	Julia S. Hancock	3456 NC Hwy 22 N., Franklinville, NC 27248
7793593950	George H. & Barbara Poe	3862 HardinEllison Rd., Franklinville, NC 27248
7793597552	Mark A. & Marcia Coponen	3896 HardinEllison Rd., Franklinville, NC 27248
7793395540	Wilbert L. Hancock	1716 Academy Rd. Ext., Franklinville, NC 27248

Note: Locations shown on Figure 3.

TABLE 3: SOIL SAMPLE RESULTS : CHLORIDE

Depth in Feet	Location																			
	SCL-1					SCL-2					SCL-3					SCL-4				
	7/22/04	8/23/05	6/20/06	1/24/08[1]	4/21/09	7/22/04	8/23/05	6/20/06	1/24/08[1]	4/21/09	7/22/04	8/23/05	6/20/06	1/24/08[1]	4/21/09	7/22/04	8/23/05	6/20/06	1/24/08[1]	4/21/09
1.0	3.6	18.8	103.0	7.8	47.1	217	29	BDL	53	19.5	80.5	23.9	65.1	23.1	BDL	8.2	35.2	45.6	6.9	BDL
4.0	3.3	18.3	NS	1.5	211	3,320	NS	NS	146.0	32.7	670	12	NS	158.0	37	3.6	325.0	NS	429.0	19.4

Notes:
Results shown in parts per million
NS - Not Sampled
BDL = Below detection limit
[1] Samples collected on 1/24/08 are labeled SS-1, SS-2, SS-3, and SS-4

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4×10^{-4}	—	15	250
Monitoring Wells														
MW-1S														
10/23/88	BQL	BQL	BQL	BQL	—	NA	NA	NA	NA	NA	NA	NA	NA	NA
11/30/88	NA	NA	NA	NA	—	NA	NA	NA	NA	NA	NA	NA	NA	3,800
10/01/96	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	21.9	9,844
02/17/98	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	6.53	4,590
06/12/03	BQL	BQL	1.9	BQL	1.9	BQL	BQL	NA	NA	NA	BQL	BQL	12.4	3,150
10/08/03	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	3,200
01/08/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	2,710
04/07/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	2,800
07/20/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	2,700
12/15/04	BQL	BQL	1.24	BQL	1.24	BQL	BQL	NA	NA	NA	NA	NA	NA	2,351
03/24/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	2,620
08/23/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	2,210
12/01/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,990
03/08/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,700
06/20/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,541
10/12/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,662
01/03/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,496
03/22/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,346
07/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,362
01/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,440
03/20/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,362
06/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,680
01/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,040
04/21/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	1,110
07/16/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	84.3
10/14/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	850
MW-1D														
11/9-10/88	BQL	BQL	BQL	BQL	—	NA	NA	NA	NA	NA	NA	NA	NA	740
02/29/96	NA	NA	NA	NA	—	NA	NA	NA	NA	NA	NA	NA	NA	1,387
10/11/96	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	112	1,781
02/19/98	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	155	851
06/12/03	NS	NS	NS	NS	—	NS	NS	NA	NA	NA	NS	NS	NS	NS
10/08/03	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	23.5	1,100
01/08/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	BQL	1,080
04/07/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	BQL	1,040
07/20/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	987
12/15/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,029
03/24/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,150
08/23/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,480
12/01/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,370
03/08/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,200
06/20/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,394
10/12/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,297
01/03/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,449
3/22/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,104
07/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,329
01/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,000
03/20/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,220
06/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,320
01/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,010
04/21/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	1,380
07/16/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	1,240
10/14/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	1,260

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4×10^{-4}	—	15	250
Recovery Wells														
RW-1														
05/26/93	NA	NA	NA	NA	—	NA	NA	NA	NA	NA	NA	03/24/05	NA	473
02/17/98	BQL	BQL	BQL	BQL	—	BQL	20	NA	NA	NA	BQL	08/23/05	23	284
03/23/99	BQL	BQL	BQL	BQL	—	BQL	13	NA	NA	NA	NA	12/01/05	NA	492
06/12/03	BQL	BQL	BQL	BQL	—	BQL	2.7	NA	NA	NA	BQL	03/08/06	NA	553
10/08/03	BQL	BQL	BQL	BQL	—	BQL	1	NA	NA	NA	NA	06/20/06	NA	550
01/08/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	NA	525
04/07/04	BQL	BQL	BQL	BQL	—	BQL	1.9	NA	NA	NA	NA	BQL	NA	612
07/20/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	643
12/15/04	BQL	BQL	BQL	BQL	—	BQL	1.07	NA	NA	NA	BQL	NA	NA	594
10/12/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	486
01/03/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	665
03/22/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	308
07/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	704
01/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	692
03/20/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	670
06/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	753
01/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	711
04/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	800
07/16/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	599
10/14/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	520
RW-2														
05/26/93	BQL	BQL	BQL	BQL	—	BQL	NA	NA	NA	NA	NA	NA	NA	429
02/17/98	BQL	BQL	BQL	BQL	—	BQL	22	NA	NA	NA	BQL	BQL	16.8	255
03/23/99	BQL	BQL	BQL	BQL	—	BQL	12	NA	NA	NA	NA	NA	NA	419
06/12/03	1.2	BQL	1.1	BQL	2.3	BQL	BQL	NA	NA	NA	BQL	BQL	5.48	575
10/08/03	BQL	BQL	BQL	BQL	—	BQL	1.3	NA	NA	NA	NA	NA	BQL	370
01/08/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	765
04/07/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	627
12/15/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	755
03/24/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	773
08/23/05	BQL	BQL	1.51	BQL	1.51	BQL	BQL	NA	NA	NA	NA	NA	NA	659
12/01/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	783
03/08/06	BQL	BQL	BQL	BQL	—	BQL	1.7	NA	NA	NA	NA	NA	NA	560
06/20/06	BQL	BQL	BQL	BQL	—	BQL	2.3	NA	NA	NA	NA	NA	NA	783
10/12/06	BQL	BQL	BQL	BQL	—	BQL	1.95	NA	NA	NA	NA	NA	NA	519
01/03/07	BQL	BQL	BQL	BQL	—	BQL	1.77	NA	NA	NA	NA	NA	NA	641
03/22/07	BQL	BQL	BQL	BQL	—	BQL	2.32	NA	NA	NA	NA	NA	NA	445
07/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	440
01/24/08	BQL	BQL	BQL	BQL	—	BQL	2.15	NA	NA	NA	NA	NA	NA	498
03/20/08	BQL	BQL	BQL	BQL	—	2	1.07	NA	NA	NA	NA	NA	NA	656
06/24/08	BQL	BQL	BQL	BQL	—	BQL	1.62	NA	NA	NA	NA	NA	NA	420
01/14/09	BQL	BQL	BQL	BQL	—	BQL	2.27	ND	ND	ND	NA	NA	NA	472
04/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	528
07/16/09	ND	ND	ND	ND	—	ND	1.25	ND	ND	ND	NA	NA	NA	473
10/14/09	ND	ND	ND	ND	—	ND	1.22	ND	ND	ND	NA	NA	NA	649

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	24	170	1.4	4×10^{-4}	---	15	250
RW-3														
05/26/93	NA	NA	NA	NA	---	NA	NA	NA	NA	NA	NA	NA	NA	1,219
03/17/98	NA	NA	NA	NA	---	NA	NA	NA	NA	NA	NA	NA	NA	4,250
02/17/98	190	BQL	32	BQL	222	BQL	22	NA	NA	NA	BQL	BQL	29.9	3,800
10/20/12	43	BQL	20	16	79	BQL	9	NA	NA	NA	NA	NA	NA	NA
10/20/13	66	BQL	27	23	116	BQL	17	NA	NA	NA	NA	NA	NA	4,250
10/20/14	180	BQL	65	74	319	BQL	21	NA	NA	NA	NA	NA	NA	6,400
03/23/99	85	BQL	12	BQL	97	BQL	32	NA	NA	NA	NA	NA	NA	3,423
06/12/03	45	BQL	160	219	424.00	BQL	16	NA	NA	NA	BQL	BQL	5.45	4,230
10/08/03	99	84	300	560	1,043.00	BQL	79	NA	NA	NA	NA	NA	BQL	3,800
01/08/04	110	20	99	360	589.00	BQL	30	NA	NA	NA	NA	NA	BQL	4,210
04/07/04	130	18	480	650	1,278.00	BQL	91	NA	NA	NA	NA	NA	BQL	4,850
07/20/04	74.9	67	137	253.8	532.70	BQL	BQL	NA	NA	NA	NA	NA	NA	2,720
12/15/04	41.6	10.8	34	68.7	155.10	BQL	13.8	NA	NA	NA	NA	NA	NA	3,705
03/24/05	85.2	37.7	270	226	618.90	BQL	BQL	NA	NA	NA	NA	NA	NA	4,010
08/23/05	63.2	43.4	61.4	34.9	202.90	8	3.89	NA	NA	NA	NA	NA	NA	3,290
12/01/05	54.7	7.25	BQL	26 8	88.75	BQL	12.2	NA	NA	NA	NA	NA	NA	4,600
03/08/06	17	2.6	12	11	42.60	BQL	7	NA	NA	NA	NA	NA	NA	4,400
06/20/06	NS	NS	NS	NS	–	NS	NS	NA	NA	NA	NS	NS	NS	NS
10/12/06	NS	NS	NS	NS	---	NS	NS	NA	NA	NA	NS	NS	NS	NS
01/03/07	2	BQL	12	4	18	BQL	BQL	NA	NA	NA	NA	NA	NA	1,758
03/22/07	6.24	1.90	14.30	16.94	39.38	3.33	6.03	NA	NA	NA	NA	NA	NA	3,261
07/18/07	39.70	20.10	69.80	84.60	214.20	BQL	3.05	NA	NA	NA	NA	NA	NA	3,767
01/24/08	7.35	BQL	3.19	3.81	14.35	BQL	5.24	NA	NA	NA	NA	NA	NA	2,940
03/20/08	8.13	2.78	5.37	13.08	29.36	BQL	7.01	NA	NA	NA	NA	NA	NA	2,730
06/24/08	3.36	BQL	3.11	2.99	9.46	BQL	6.08	NA	NA	NA	NA	NA	NA	2,690
01/14/09	2.87	1.70	4.33	10.86	19.76	BQL	5.93	NA	NA	NA	NA	NA	NA	1,230
04/22/09	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	NA	NA	NA	873
07/16/09	44.8	6.49	120	105.7	276.99	ND	8	ND	ND	ND	NA	NA	NA	2,990
10/14/09	23.5	2.50	8.57	5.56	40.13	12.8	2.52	ND	ND	ND	NA	NA	NA	3,090
RW-4														
05/26/93	BQL	BQL	BQL	BQL	---	BQL	NA	NA	NA	NA	NA	NA	NA	457
02/17/98	BQL	BQL	BQL	BQL	---	BQL	1	NA	NA	NA	BQL	BQL	30.8	226
03/23/99	BQL	BQL	BQL	BQL	---	BQL	5	NA	NA	NA	NA	NA	NA	410
06/12/03	BQL	BQL	BQL	BQL	---	BQL	1.7	NA	NA	NA	BQL	BQL	BQL	368
10/08/03	BQL	BQL	BQL	BQL	---	BQL	2.8	NA	NA	NA	NA	NA	BQL	400
01/08/04	BQL	BQL	BQL	BQL	---	BQL	2.2	NA	NA	NA	NA	NA	BQL	304
04/07/04	BQL	BQL	BQL	BQL	---	BQL	2.3	NA	NA	NA	NA	NA	BQL	323
07/20/04	BQL	BQL	BQL	BQL	---	BQL	1.9	NA	NA	NA	NA	NA	NA	277
12/15/04	BQL	BQL	BQL	BQL	---	BQL	2.05	NA	NA	NA	NA	NA	NA	271
03/24/05	BQL	BQL	BQL	BQL	---	BQL	2.33	NA	NA	NA	NA	NA	NA	249
08/23/05	BQL	BQL	BQL	BQL	---	BQL	1.81	NA	NA	NA	NA	NA	NA	228
12/01/05	BQL	BQL	BQL	BQL	---	BQL	1.13	NA	NA	NA	NA	NA	NA	220
03/08/06	BQL	BQL	BQL	BQL	---	BQL	1	NA	NA	NA	NA	NA	NA	120
06/20/06	BQL	BQL	BQL	BQL	---	BQL	1.65	NA	NA	NA	NA	NA	NA	218
10/12/06	BQL	BQL	BQL	BQL	---	BQL	1.57	NA	NA	NA	NA	NA	NA	217
01/03/07	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	428
03/22/07	BQL	BQL	BQL	BQL	---	BQL	1.56	NA	NA	NA	NA	NA	NA	220
07/18/07	BQL	BQL	BQL	BQL	---	BQL	0.04	NA	NA	NA	NA	NA	NA	205
01/24/08	BQL	BQL	BQL	BQL	---	BQL	1.49	NA	NA	NA	NA	NA	NA	172
03/20/08	BQL	BQL	BQL	BQL	---	BQL	1.74	NA	NA	NA	NA	NA	NA	175
06/24/08	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	182
01/14/09	BQL	BQL	BQL	BQL	---	BQL	1.37	NA	NA	NA	NA	NA	NA	190
04/22/09	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	NA	NA	NA	209
07/16/09	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	NA	NA	NA	223
10/14/09	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	NA	NA	NA	184

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	24	170	1.4	4×10^{-4}	---	15	250
RW-5														
05/26/93	BQL	BQL	BQL	BQL	---	BQL	NA	NA	NA	NA	NA	NA	NA	428
02/17/98	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	BQL	BQL	47.9	316
03/23/99	1	BQL	BQL	BQL	1	BQL	BQL	NA	NA	NA	NA	NA	NA	386
06/12/03	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	282
10/08/03	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	BQL	340
01/08/04	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	5.72	324
04/07/04	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	BQL	338
07/20/04	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	315
12/15/04	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	347
03/24/05	BQL	BQL	BQL	BQL	---	BQL	2	NA	NA	NA	NA	NA	NA	345
08/23/05	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	354
12/01/05	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	329
03/08/06	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	150
06/20/06	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/12/06	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
01/03/07	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	404
03/22/07	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/18/07	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	298
01/24/08	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/20/08	BQL	BQL	BQL	BQL	---	BQL	1.75	NA	NA	NA	NA	NA	NA	191
06/24/08	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	222
01/14/09	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	226
04/22/09	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	NA	NA	NA	244
07/16/09	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	NA	NA	NA	249
10/14/09	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	NA	NA	NA	230
RW-6														
05/26/88	252.18	NA	12.34	236.09	500.61	NA	NA	NA	NA	NA	NA	NA	NA	144/865
10/01/88	980	BQL	94	69	1,143	NA	NA	NA	NA	NA	NA	NA	NA	800
05/26/93	574	BQL	41	44	659	27	NA	NA	NA	NA	NA	NA	NA	245
02/17/98	55	15	56	36	162	BQL	15	NA	NA	NA	BQL	BQL	BQL	301
10/21/98	BQL	BQL	BQL	BQL	---	BQL	8	NA	NA	NA	NA	NA	NA	615
03/23/99	5	BQL	BQL	BQL	5	BQL	9	NA	NA	NA	NA	NA	NA	599
06/12/03	84	36	210	310	640	BQL	12	NA	NA	NA	BQL	BQL	BQL	521
10/08/03	76	52	220	380	728	BQL	23	NA	NA	NA	NA	NA	12	310
01/08/04	51	40	170	310	571	BQL	32	NA	NA	NA	NA	NA	BQL	223
04/07/04	38	24	120	184	366	BQL	10	NA	NA	NA	NA	NA	BQL	275
07/20/04	41	327	141	226	735	BQL	12	NA	NA	NA	NA	NA	NA	219
12/15/04	33.4	20.8	110	160.5	324.7	BQL	7.5	NA	NA	NA	NA	NA	NA	190
03/24/05	25.7	17.9	80.7	129.4	253.7	BQL	6.05	NA	NA	NA	NA	NA	NA	195
08/23/05	35.8	23.4	124	182.7	365.9	BQL	5.82	NA	NA	NA	NA	NA	NA	167
12/01/05	31.7	15.7	117	147	311.4	BQL	5.98	NA	NA	NA	NA	NA	NA	185
03/08/06	31	20	110	160	321	BQL	5.6	NA	NA	NA	NA	NA	NA	120
06/20/06	36.7	23.8	138	203.8	402.3	BQL	12.3	NA	NA	NA	NA	NA	NA	297
10/12/06	30.7	20.5	130	173.8	355	BQL	BQL	NA	NA	NA	NA	NA	NA	212
01/03/07	32	20	139	156	347	BQL	BQL	NA	NA	NA	NA	NA	NA	523
03/22/07	35.6	23.8	127	164.3	350.7	BQL	19.1	NA	NA	NA	NA	NA	NA	212
07/18/07	25.8	16	118	147	306.8	BQL	BQL	NA	NA	NA	NA	NA	NA	161
01/24/08	16.9	9.67	59.2	70.4	156.17	BQL	3.01	NA	NA	NA	NA	NA	NA	180
03/20/08	16	8.46	28.9	45.4	98.76	BQL	6.15	NA	NA	NA	NA	NA	NA	198
06/24/08	13.8	2.65	30.3	40	86.75	BQL	2.65	NA	NA	NA	NA	NA	NA	258
01/14/09	19.4	7.75	72.9	77.6	177.65	BQL	5.06	NA	NA	NA	NA	NA	NA	239
04/22/09†	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/16/09	28.6	12.7	68.0	118.5	227.8	ND	8.92	ND	ND	ND	NA	NA	NA	190
10/14/09	16.9	8.74	20.9	63.9	110.44	7.40	4.25	ND	ND	ND	NA	NA	NA	183

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4×10^{-4}	—	15	250
RW-7														
5/26/93	BQL	BQL	BQL	BQL	—	24	NA	NA	NA	NA	NA	NA	NA	324
3/29/96	NA	NA	NA	NA	—	NA	NA	NA	NA	NA	NA	NA	NA	211
2/17/98	1,100	330	2,400	2,560	6,390	BQL	BQL	NA	NA	NA	0.98	BQL	213	140
10/21/98	450	350	1,000	1,630	3430	BQL	83	NA	NA	NA	NA	NA	NA	240
3/23/99	460	130	600	470	1660	BQL	110	NA	NA	NA	NA	NA	NA	261
6/12/03	440	170	1100	1,960	3,670	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	293
10/8/03	410	260	790	1,480	2,940	BQL	BQL	NA	NA	NA	BQL	NA	BQL	350
1/8/04	470	320	990	1,640	3,420	BQL	120	NA	NA	NA	BQL	NA	BQL	321
4/7/04	390	280	960	1,530	3,160	BQL	62	NA	NA	NA	BQL	NA	BQL	310
7/20/04	388	269	954	1,477	3,088	BQL	63.2	NA	NA	NA	NA	NA	NA	283
12/15/04	361	322	981	1,354	3,018	BQL	89.9	NA	NA	NA	NA	NA	NA	299
3/24/05	359	289	956	1,517	3,121	BQL	BQL	NA	NA	NA	NA	NA	NA	258
8/23/05	276	222	607	1,597	2,702	BQL	34	NA	NA	NA	NA	NA	NA	261
12/1/05	288	265	770	1,404	2,727	BQL	65.1	NA	NA	NA	NA	NA	NA	287
3/8/06	300	260	800	1,400	2,760	BQL	BQL	NA	NA	NA	NA	NA	NA	140
6/20/06	226	191	505	1,419	2,341	BQL	117	NA	NA	NA	NA	NA	NA	276
10/12/06	201	183	475	1,073	1,932	BQL	BQL	NA	NA	NA	NA	NA	NA	274
1/3/07	263	32.9	584	1,287	2166.9	BQL	BQL	NA	NA	NA	NA	NA	NA	333
3/22/07	218	204	495	1,030	1947	41.3	152	NA	NA	NA	NA	NA	NA	220
7/18/07	205	193	444	1,059	1901	BQL	115	NA	NA	NA	NA	NA	NA	220
1/24/08	162	143	261	867	1433	BQL	27.0	NA	NA	NA	NA	NA	NA	125
3/20/08	167	141	321	872	1501	BQL	68.2	NA	NA	NA	NA	NA	NA	113
6/24/08	164	176	358	978	1676	BQL	BQL	NA	NA	NA	NA	NA	NA	152
1/14/09	174	174	326	972	1646	40.4	80.3	NA	NA	NA	NA	NA	NA	190
04/22/09	230	240	381	715	1566	265	102	ND	ND	ND	NA	NA	NA	209
07/16/09	259	295	499	1,030	2,083	112	112	ND	ND	ND	NA	NA	NA	239
10/14/09	177	217	323	745	1,462	56.6	62.1	ND	ND	ND	NA	NA	NA	194

Notes:

All results in parts per billon (ppb), except chloride which is presented in parts per million (ppm)

Concentrations which exceed the 2L Groundwater Quality Standards are bold

2L Standards - Subchapter 2L Quality Standards for Class GA groundwater

NA- Not analyzed for this compound

PLW - Parking Lot Well

BQL- Below the quantitation limit of the method of analysis

MTBE - Methyl-tert-butyl-ether

DIPE - Diisopropyl Ether

DCB - Dichlorobenzene

NS - Not sampled

ND - Non-detect

Environmental Alliance began sampling in April 2009, all previous samples collected by others

† - Not sampled due to pump malfunctioning

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4×10^{-4}	—	15	250
SW-1	Water Supply Wells													
05/26/88	BQL	NA	BQL	BQL	–	NA	NA	NA	NA	NA	NA	NA	NA	542
08/30/88	750	BQL	83	150	983	NA	NA	NA	NA	NA	NA	NA	NA	600
05/20/93	121	BQL	8	22	151	NA	NA	NA	NA	NA	NA	NA	NA	562
10/01/96	BQL	BQL	BQL	BQL	–	4	37	NA	NA	NA	NA	NA	NA	208
02/17/98	BQL	BQL	BQL	BQL	–	BQL	22	NA	NA	NA	BQL	BQL	BQL	668
06/12/03	BQL	BQL	BQL	BQL	–	BQL	11	NA	NA	NA	BQL	BQL	BQL	553
10/08/03	BQL	BQL	BQL	BQL	–	BQL	4	NA	NA	NA	NA	NA	6.5	390
01/08/04	BQL	BQL	BQL	BQL	–	BQL	3.4	NA	NA	NA	NA	NA	BQL	440
04/07/04	BQL	BQL	BQL	BQL	–	BQL	6.2	NA	NA	NA	NA	NA	BQL	298
07/20/04	BQL	BQL	BQL	BQL	–	BQL	1.57	NA	NA	NA	NA	NA	BQL	377
12/15/04	BQL	BQL	BQL	BQL	–	BQL	4.46	NA	NA	NA	NA	NA	NA	209
03/24/05	BQL	BQL	BQL	BQL	–	BQL	1.28	NA	NA	NA	NA	NA	NA	353
08/23/05	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	532
06/20/06	NS	NS	NS	NS	–	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/12/06	NS	NS	NS	NS	–	NS	NS	NS	NS	NS	NS	NS	NS	NS
01/05/07	NS	NS	NS	NS	–	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/22/07	NS	NS	NS	NS	–	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/18/07	NS	NS	NS	NS	–	NS	NS	NS	NS	NS	NS	NS	NS	NS
01/24/08	NS	NS	NS	NS	–	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/20/08	NS	NS	NS	NS	–	NS	NS	NS	NS	NS	NS	NS	NS	NS
06/24/08	NS	NS	NS	NS	–	NS	NS	NS	NS	NS	NS	NS	NS	NS
01/14/09	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
04/22/09	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/16/09	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/14/09	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beal (1)														
08/30/88	BQL	BQL	BQL	BQL	–	NA	NA	NA	NA	NA	NA	NA	NA	93
05/20/93	BQL	BQL	BQL	BQL	–	NA	NA	NA	NA	NA	NA	NA	NA	136
10/01/96	BQL	BQL	BQL	BQL	–	BQL	4	NA	NA	NA	NA	BQL	BQL	91.2
02/18/98	BQL	BQL	BQL	BQL	–	BQL	17	NA	NA	NA	BQL	NA	5.97	86
06/13/03	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	110
10/08/03	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	90
01/08/04	BQL	BQL	BQL	BQL	–	BQL	3	NA	NA	NA	NA	NA	BQL	94.5
04/07/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	77.5
07/20/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	73.1
12/15/04	BQL	BQL	BQL	BQL	–	BQL	9.89	NA	NA	NA	NA	NA	NA	154
03/24/05	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	85.4
08/23/05	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	99.4
12/01/05	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	7.49
03/08/06	BQL	BQL	BQL	BQL	–	BQL	5.4	NA	NA	NA	NA	NA	NA	63
06/20/06	BQL	BQL	BQL	BQL	–	BQL	13.7	NA	NA	NA	NA	NA	NA	218
10/12/06	BQL	BQL	BQL	BQL	–	BQL	3.92	NA	NA	NA	NA	NA	NA	229
01/05/07	BQL	BQL	BQL	BQL	–	BQL	2.2	NA	NA	NA	NA	NA	NA	333
03/22/07	BQL	BQL	BQL	BQL	–	BQL	2.8	NA	NA	NA	NA	NA	NA	158
07/18/07	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	127
01/24/08	BQL	BQL	BQL	BQL	–	BQL	2.46	NA	NA	NA	NA	NA	NA	181
03/20/08	BQL	BQL	BQL	BQL	–	2.53	11.8	NA	NA	NA	NA	NA	NA	187
06/24/08	BQL	BQL	BQL	BQL	–	BQL	5.55	NA	NA	NA	NA	NA	NA	193
01/14/09	BQL	BQL	BQL	BQL	—	BQL	3.97	NA	NA	NA	NA	NA	NA	226
04/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	153
07/16/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	139
10/14/09	ND	ND	ND	ND	—	ND	2.32	ND	ND	ND	NA	NA	NA	203

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4×10^{-4}	—	15	250
Water Supply Wells														
F. Norman (2)														
08/30/88	BQL	BQL	BQL	BQL	–	NA	NA	NA	NA	NA	NA	NA	NA	8.6
05/20/93	BQL	BQL	BQL	BQL	–	NA	NA	NA	NA	NA	NA	NA	NA	9
10/01/96	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	12/01/05	BQL	49.9
02/18/98	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	BQL	03/08/06	BQL	43 4
06/12/03	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	BQL	06/20/06	BQL	2.4
10/08/03	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	10/12/06	BQL	6.7
01/08/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	01/05/07	BQL	5.82
04/07/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	7.56
12/15/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	9.5
03/24/05	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	8 58
08/23/05	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	10.8
03/22/07	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	11.4
07/18/07	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	15
01/24/08	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	5.93
03/20/08	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	4.74
06/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	8.33
01/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	6.69
04/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	6.96
07/16/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	6.99
10/14/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	6 03
Gibson (3)														
08/30/88	BQL	BQL	BQL	BQL	–	NA	NA				NA	NA	NA	210
05/20/93	BQL	BQL	BQL	BQL	–	NA	NA	NA	NA	NA	NA	NA	NA	265
10/01/96	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	BQL	BQL	343
02/18/98	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	BQL	NA	BQL	205
06/13/03	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	230
10/08/03	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	12	260
01/08/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	276
04/07/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	267
07/20/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	302
12/15/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	238
03/24/05	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	235
08/23/05	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	230
12/01/05	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	402
03/08/06	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	100
06/20/06	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	191
10/12/06	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	174
01/05/07	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	356
03/22/07	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	160.4
07/18/07	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	193
01/24/08	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	137
03/20/08	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	126
06/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	181
01/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	17.3
04/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	13.4
07/16/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	22.6
10/14/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	22.8

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4×10^{-4}	—	15	250
Presnell (4)							Water Supply Wells							
08/30/88	BQL	BQL	BQL	BQL	–	NA	NA	NA	NA	NA	NA	NA	NA	100
05/20/93	BQL	BQL	BQL	BQL	–	NA	NA	NA	NA	NA	NA	NA	NA	265
10/01/96	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	BQL	BQL	119
02/18/98	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	BQL	NA	BQL	80.8
06/13/03	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	BQL	2.9	BQL	88
10/08/03	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	86
01/08/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	74.7
04/07/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	70.9
07/20/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	90.2
12/15/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	76
03/24/05	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	87.3
08/23/05	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	103
12/01/05	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	80.8
03/08/06	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	45
06/20/06	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	92.9
10/12/06	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	82.5
01/05/07	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	119
03/22/07	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	75
07/18/07	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	88
01/24/08	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	80.8
03/20/08	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	78.9
06/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	94.2
01/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	81.4
04/22/09†	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/16/09	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/14/09	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
Jester (5)														
08/30/88	BQL	BQL	BQL	BQL	–	NA	NA	NA	NA	NA	NA	NA	NA	34
05/20/93	BQL	BQL	BQL	BQL	–	NA	NA	NA	NA	NA	NA	NA	NA	35
10/01/96	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	BQL	BQL	493
02/17/98	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	BQL	NA	BQL	67
06/13/03	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	43
10/08/03	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	46
01/08/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	42.9
04/07/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	42.1
07/20/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	BQL	43 4
12/15/04	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	47.5
03/24/05	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	49.1
08/23/05	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	58.2
12/01/05	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	38.5
03/08/06	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	33
06/20/06	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	44
10/12/06	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	47.1
01/05/07	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	127
03/22/07	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	46.6
07/18/07	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	51
01/24/08	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	43.3
03/20/08	BQL	BQL	BQL	BQL	–	BQL	BQL	NA	NA	NA	NA	NA	NA	51.7
06/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	43.5
01/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	41.9
04/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	46.2
07/16/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	46.1
10/14/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	43.9

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	24	170	1.4	4×10^{-4}	---	15	250
Water Supply Wells														
J. Hancock (6) before treatment system														
08/30/88	11	BQL	1	13	25	NA	NA	NA	NA	NA	NA	NA	NA	3,100
05/20/93	192	BQL	BQL	BQL	192	NA	NA	NA	NA	NA	NA	NA	NA	2,224
02/29/96	NA	NA	NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	2,741
10/01/96	68	BQL	BQL	9	77	4	23	NA	NA	NA	NA	BQL	6.55	4,189
02/17/98	56	BQL	BQL	BQL	56	BQL	15	NA	NA	NA	BQL	NA	BQL	3,934
06/13/03	BQL	BQL	BQL	BQL	--	BQL	3	NA	NA	NA	BQL	BQL	BQL	2,300
10/08/03	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	780
01/08/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	826
04/07/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	906
07/20/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	900
12/15/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	879
03/24/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	912
08/23/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,010
12/01/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,290
03/08/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,400
06/20/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,199
10/12/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,132
01/05/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,152
03/22/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	926
07/18/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,265
01/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,000
03/20/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,230
06/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,030
01/14/09	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
04/22/09	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/16/09	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/14/09	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
J. Hancock (6) after treatment system														
06/20/06	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	1223*
10/12/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	61.3
01/05/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	127
03/22/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	83.8
07/18/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	87.5
01/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NS	NS	NS	89.8
03/20/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NS	NS	99.5
06/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	100
01/14/09	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
04/22/09	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/16/09	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/14/09	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4×10^{-4}	—	15	250
Rhodes (ERW)	Water Supply Wells													
05/26/88	715.8	NA	108.5	276.32	1,100.62	NA	NA	NA	NA	NA	NA	NA	NA	79
08/30/88	400	BQL	71	BQL	471	NA	NA	NA	NA	NA	NA	NA	NA	190
05/20/93	39	BQL	BQL	BQL	39	NA	NA	NA	NA	NA	NA	NA	NA	147
10/01/96	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	BQL	171
02/18/98	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	BQL	86
06/12/03	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	81
10/08/03	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	120
01/08/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	108
04/07/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	114
07/20/04	BQL	BQL	BQL	BQL	--	BQL	1.57	NA	NA	NA	NA	NA	BQL	123
12/15/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	109
03/24/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	104
08/23/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	125
12/01/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	103
03/08/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	52
06/20/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	88.3
10/12/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	84.9
01/05/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	119
03/22/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	93.6
07/18/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	110
01/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	75.6
03/20/08	BQL	BQL	BQL	BQL	--	BQL	1.19	NA	NA	NA	NA	NA	NA	94.1
06/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	89.3
01/14/09	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	101
04/22/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	NA	NA	NA	91.2
07/16/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	NA	NA	NA	102
10/14/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	NA	NA	NA	107

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	24	170	1.4	4×10^{-4}	---	15	250
Water Supply Wells														
Brown (7)														
06/12/03	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	380
10/08/03	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	420
01/08/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	297
04/07/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	470
07/20/04	BQL	BQL	BQL	BQL	--	BQL	1.57	NA	NA	NA	NA	NA	BQL	408
12/15/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	330
03/24/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	475
08/23/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	305
12/01/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	228
03/08/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	110
06/20/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	230
10/12/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	220
01/05/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	273
3/33/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	177
07/18/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	224
01/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	212
03/20/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	207
06/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	163
01/14/09	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	205
04/22/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	NA	NA	NA	215
07/16/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	NA	NA	NA	277
10/14/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	NA	NA	NA	164

Notes:

All results in parts per billon (ppb), except chloride which is presented in parts per million (ppm)
Concentrations which exceed the 2L Groundwater Quality Standards are bold
2L Standards - Subchapter 2L Quality Standards for Class GA groundwater
MTBE - Methyl-tert-butyl-ether
DIPE - Diisopropyl ether
DCB - Dichlorobenzene
Environmental Alliance began sampling in April 2009, all previous samples collected by others
‡- Hancock location removed from sampling due to connection to public water supply
† - Not sampled, well inaccessible

NA- Not analyzed for this compound
NS - Not Sampled
ND - Non-detect
BQL- Below the quantitation limit of the method of analysis
SW - South Well

Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

TABLE 6: HISTORICAL SURFACE WATER SAMPLE RESULTS

Compound/ Analysis	S-1 (upper)																									State Standard
	10/31/88[5]	10/11/96[6]	2/18/98[6]	6/12/03[7]	10/8/03[7]	1/8/04[7]	4/7/04[7]	7/20/04[7]	12/15/04[7]	3/24/05[7]	8/23/05[7]	12/01/05[7]	3/08/06[7]	6/20/06[7]	10/12/06[7]	1/3/07[7]	3/22/07[7]	7/18/07[7]	1/24/08[7]	3/20/08[7]	6/24/08[7]	1/14/09[7]	4/21/09[9]	7/16/09[9]	10/14/09[9]	
Benzene[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	BQL	NS	NS	BQL	NS	BQL	ND	DRY	DRY	1.19
Ethylbenzene[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	BQL	NS	NS	BQL	NS	BQL	ND	DRY	DRY	---
Toluene[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	BQL	NS	NS	BQL	NS	BQL	ND	DRY	DRY	11
Total Xylenes[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	BQL	NS	NS	BQL	NS	BQL	ND	DRY	DRY	---
Total BTEX	---	---	---	---	---	---	---	---	---	---	NS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MTBE[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	BQL	NS	NS	BQL	NS	BQL	ND	DRY	DRY	---
DIPE[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	BQL	NS	NS	BQL	NS	BQL	ND	DRY	DRY	---
1,2-DCB[1]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	---
1,3-DCB[1]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	---
1,4-DCB[1]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	---
EDB[8]	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BQL	NS	NS	BQL	BQL	NS	NS	BQL	NS	BQL	NA	DRY	DRY	---
Method 601[2]	NA	BQL	NA	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BQL	NS	NS	BQL	BQL	NS	NS	BQL	NS	BQL	NA	DRY	DRY	---
Lead[3]	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BQL	NS	NS	BQL	BQL	NS	NS	BQL	NS	BQL	NA	DRY	DRY	---
Chloride[4]	1,000	74 6	22.8	12	7 6	10 8	13.6	209	31.6	27.8	NS	33.3	35	NS	NS	37 5	23.3	NS	NS	46 3	NS	25.1	14.2	DRY	DRY	25

Compound/ Analysis	S-2 (mid)																									State Standard
	10/31/88[5]	10/11/96[6]	2/18/98[6]	6/12/03[7]	10/8/03[7]	1/8/04[7]	4/7/04[7]	7/20/04[7]	12/15/04[7]	3/24/05[7]	8/23/05[7]	12/01/05[7]	3/08/06[7]	6/20/06[7]	10/12/06[7]	1/3/07[7]	3/22/07[7]	7/18/07[7]	1/24/08[7]	3/20/08[7]	6/24/08[7]	1/14/09[7]	4/21/09[9]	7/16/09[9]	10/14/09[9]	
Benzene[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	NS	BQL	ND	DRY	DRY	1.19
Ethylbenzene[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	NS	BQL	ND	DRY	DRY	---
Toluene[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	NS	BQL	ND	DRY	DRY	11
Total Xylenes[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	NS	BQL	ND	DRY	DRY	---
Total BTEX	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NS	BQL	BQL	NS	NS	BQL	NS	BQL	ND	DRY	DRY	---
MTBE[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	NS	BQL	ND	DRY	DRY	---
DIPE[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	NS	BQL	ND	DRY	DRY	---
1,2-DCB[1]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	---
1,3-DCB[1]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	---
1,4-DCB[1]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	---
EDB[8]	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	---
Method 601[2]	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NA	NA	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	NS	BQL	NA	DRY	DRY	---
Lead[3]	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NA	NA	BQL	BQL	NS	BQL	BQL	NS	NS	BQL	NS	BQL	NA	DRY	DRY	---
Chloride[4]	840	72 2	156	27	16	39.8	41.1	15.1	64.1	49.8	79.2	248	39	26 4	NS	39.9	55.9	NS	NS	72.9	NS	62 5	17.5	DRY	DRY	250

Compound/ Analysis	S-3 (lower)																									State Standard
	10/31/88[5]	10/11/96[6]	2/18/98[6]	6/12/03[7]	10/8/03[7]	1/8/04[7]	4/7/04[7]	7/20/04[7]	12/15/04[7]	3/24/05[7]	8/23/05[7]	12/01/05[7]	3/08/06[7]	6/20/06[7]	10/12/06[7]	1/3/07[7]	3/22/07[7]	7/18/07[7]	1/24/08[7]	3/20/08[7]	6/24/08[7]	1/14/09[7]	4/21/09[9]	7/16/09[9]	10/14/09[9]	
Benzene[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL	BQL	ND	DRY	DRY	1.19
Ethylbenzene[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL	BQL	ND	DRY	DRY	---
Toluene[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL	BQL	ND	DRY	DRY	---
Total Xylenes[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL	BQL	ND	DRY	DRY	11
Total BTEX	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NS	BQL	BQL	BQL	BQL	ND	DRY	DRY	---
MTBE[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL	BQL	ND	DRY	DRY	---
DIPE[1]	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL	BQL	ND	DRY	DRY	---
1,2-DCB[1]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	BQL	BQL	BQL	BQL	ND	DRY	DRY	---
1,3-DCB[1]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	---
1,4-DCB[1]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	---
EDB[8]	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	---
Method 601[2]	NA	BQL	NA	BQL	NA	NA	NA	NA	NA	NA	NA	NA	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL	BQL	NA	DRY	DRY	---
Lead[3]	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NA	NA	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	BQL	BQL	NA	DRY	DRY	---
Chloride[4]	700	295	54.7	29	32	53 4	53.1	97.1	105	51.2	35.6	140	61	75 8	25.9	79.8	70.9	NS	75.8	79 3	84.3	77 2	46 7	DRY	DRY	250

Notes:
All results in parts per billon (ppb), except chloride which is presented in parts per million (ppm)
Concentrations which exceed the 2B Surface Water Quality Standards are bold
2B Standards - Subchapter 2B Quality Standards for Surface Water (NCAC 15A 2B.0200)
NS- Not Sampled
NA- Not analyzed for this compound
ND - Non-detect
BQL- Below the quantitation limit of the method of analysis
MTBE - Methyl-tert-butyl-ether
DIPE - Isopropyl Ether
DCB - Dichlorobenzene
Environmental Alliance began sampling in April 2009, all previous samples collected by others

TABLE 7: SUMMARY OF MONITORING WELL AND GROUNDWATER ELEVATION DATA

Well No.	Elevation[1] (ft)		Well Construction (ft)			Static Water Levels															
						11/18/88[3]		2/17-19/98[4]		3/13/99[4]		5/23/99[4]		6/12/03[6]		10/8/03[6]		1/8/04[6]		4/7/04[6]		7/20/04[6]	
	Top of Casing	Top of Screen	Length of Screen	Depth of Casing[5]	Depth of Well	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation
MW-1S	842.84	845.31	5.0	NA	15	13.95	831.36	13 20	832.11	—	—	14 25	831.06	14.21	828.63	14.34	828.50	14.17	828.67	14.07	828.77	14.32	828.52
MW-1D	674.66	-	NA	11.0	72	13.11	663.00	4.70	671.41	—	—	11.05	665.06	—	—	9.30	665.36	9.43	665.23	7.96	666.70	10.74	663.92
P-1	809.32	811.84	2.40	NA	3	3.60	808.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
P-2	ND	765.00	2.4	NA	5.5	5.70	761.30	4.95	760.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—
P-3	682.98	684.89	2.4	NA	2.9	2.78	682.11	2.22	682.67	—	—	—	—	—	—	—	—	—	—	—	—	—	—
RW-1	842.56	-	NA	23.8	220	—	—	130.85	712.31	147.25	695.91	>151.50	<691.66	139.20	703.36	117.99	724.57	119.08	725.48	122.22	720 34	118 11	724.45
RW-2	850.47	-	NA	38.6	401	—	—	130.40	720.58	149.62	701.36	145.50	705.48	126.25	724.22	121.88	728 59	122.75	727.72	123.47	727.00	121.79	728.68
RW-3	840.65	-	NA	52.5	340	—	—	129.50	711.47	141.25	699.72	139.55	701.42	124.14	716.51	112.86	727.79	115.78	724 87	113.32	727.33	113.04	727.61
RW-4	821.49	-	NA	20.0	301	—	—	105.20	715.10	119.11	701.19	118.25	702.05	103.34	718 15	96.11	725.38	97.46	724.03	97.81	723.68	95.66	725.83
RW-5	831.07	-	NA	29.5	303	—	—	115.35	716.63	129.10	702.88	128 35	705.63	112.26	718.81	105.87	725.20	107.55	723.52	107.22	723.85	105.78	725.29
RW-6 (PLW)	858.38	-	NA	37.7	267	137.64	721.68	137.28	722.04	151.10	708 22	150.35	708.97	132.53	725.85	126 69	731.69	128.68	729.70	129.41	728.97	127.04	731.34
RW-7	857.00	-	NA	14.1	221	—	—	134.70	722.96	145.45	712.21	145.20	712.46	130.27	726.73	124 62	732.38	126.74	730.26	127 46	729.54	125.09	731.91

Well No.	Elevation[1] (ft)		Well Construction (ft)			Static Water Levels															
						01/05/05[6]		03/24/05[6]		08/23/05[5]		12/01/05[6]		3/08/06[6]		6/20/06[6]		10/12/06[6]		1/3/07[6]		3/22/07[6]	
	Top of Casing	Top of Screen	Length of Screen	Depth of Casing[5]	Depth of Well	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation
MW-1S	842.84	845.31	5.0	NA	15	14.07[7]	828.77	13.8	829.04	14.19	828.65	13.93	828.91	12.95	829 89	14.05	828.79	14.16	828.68	13.64	829.20	13.82	829.02
MW-1D	674.66	-	NA	11.0	72	10.02[7]	664.64	7.39	667.27	11.39	663.27	12 15	662.51	12.33	662.33	12.35	662 31	14.52	660.14	10.28	664.38	9.02	665.64
P-1	809.32	811.84	2.40	NA	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
P-2	ND	765 00	2.4	NA	5.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
P-3	682.98	684.89	2.4	NA	2.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
RW-1	842.56	-	NA	23.8	220	121.75	720.81	118.31	724.25	118.11	724 45	121.85	720.71	121.82	720.74	121.49	721.07	123.17	719.39	123.65	718.91	122.61	719.95
RW-2	850.47	-	NA	38.6	401	127.24	723.23	122.99	727.48	123.92	726.55	127.16	723.31	124.04	726.43	126.04	724.43	128.63	721.84	127.99	722.48	125.4	725.07
RW-3	840.65	-	NA	52.5	340	121.92	718.73	114.96	725.69	114.1	726.55	123.01	717.64	115.14	725.51	115 52	725.13	115.6	725.05	124.6	716.05	114.97	725.68
RW-4	821.49	-	NA	20 0	301	100.26	721 23	96 98	724.51	96.69	724.80	100.49	721.00	100.43	721.06	104.2	717.29	102.22	719.27	102.08	719.41	100.59	720.90
RW-5	831.07	-	NA	29.5	303	110.45	720 62	107.1	723.97	106.89	724 18	110.64	720.43	110.65	720.42	111.21	719 86	112.42	718.65	112.34	718.73	110.62	720.45
RW-6 (PLW)	858.38	-	NA	37.7	267	131.44	726 94	128.78	729.60	128 17	730.21	132.01	726.37	131.69	726.69	127.04	731.34	125.65	732 73	133.33	725.05	131.52	726.86
RW-7	857.00	-	NA	14.1	221	129.55	727.45	126.89	730.11	126.22	730.78	130.09	726 91	129.67	727.33	129.44	727.56	131.36	725.64	131.34	725.66	129.46	727.54

Well No.	Elevation[1] (ft)		Well Construction (ft)			Static Water Levels															
						7/18/07[6]		1/24/08[6]		3/20/2008[6]		6/24/2008[6]		1/14/2009[6]		4/22/2009[3]		7/16/2009[4]		10/14/2009[4]	
	Top of Casing	Top of Screen	Length of Screen	Depth of Casing[5]	Depth of Well	Depth (ft)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation
MW-1S	842.84	845.31	5.0	NA	15	12.21	830.63	14.6	828.24	14.47	828 57	14.42	828.42	14.88	827.96	14 72	828.12	14.96	827.88	14.72	828.12
MW-1D	674.66	-	NA	11.0	72	12.77	661 89	12.9	661.76	16.50	658.16	12.98	661.68	10.92	663.74	8 32	666 34	12.02	662.64	14.51	660.15
P-1	809 32	811 84	2.40	NA	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
P-2	ND	765.00	2.4	NA	5.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
P-3	682.98	684.89	2.4	NA	2.9	—	—	—	—	—	—	—	—	—	—	—	—	Dry	—	—	—
RW-1	842.56	-	NA	23.8	220	121.75	720.81	127.24	715.32	127.53	715.03	124.60	717.96	124.30	718.26	119.28	723.28	1.88	681.10	2.27	680.71
RW-2	850 47	-	NA	38.6	401	125.12	725 35	132.81	717.66	132.54	717.93	129.09	721.38	128.88	721.59	121.22	729.25	118.93	723.63	139.20	703.36
RW-3	840.65	-	NA	52.5	340	126.67	713 98	128.31	712.34	128 29	712.36	125.82	714.83	125.45	715.20	120.92	729.55	117.95	722.70	126 22	724.25
RW-4	821.49	-	NA	20.0	301	100.09	721.40	106.18	715.31	106.32	715.17	103.47	718.02	103.36	718.13	106.04	715.45	117.49	723.16	123.98	716.67
RW-5	831.07	-	NA	29.5	303	110.30	720.77	116.45	714.62	116 62	714.45	113.75	717.32	113.65	717.42	108.14	722 93	86.22	735.27	103.39	718 10
RW-6 (PLW)	858 38	-	NA	37.7	267	130.95	727.43	139.11	719.27	139.31	719.07	134.70	723.68	134.87	723.51	129.39	728.99	129.02	729.36	132.56	725 82
RW-7	857.00	-	NA	14.1	221	129.25	727.75	137.05	719.95	137.21	719.79	132.65	724.35	132.98	724.02	127.46	729.54	127.13	729.87	130.60	726.40

— Depth to Groundwater Not Measured

[1]Elevations surveyed from USGS Benchmark by Concord Engineering & Surveying.

[2]Static water levels measured from the top of casing.

[3]Water levels measured by Westinghouse Environmental Services.

[4]Water levels measured by BPA Environmental & Engineering, Inc.

[5]Bedrock Well - Open hole from this depth down. Depth of casing determined from geophysical logging.

[6]Water levels measured by Trigon Engineering Consultants, Inc.

[7]MW-1D and MW-1S water level measured 12/15/04

[8]Water levels measured by Environmental Alliance, Inc.

NA - Not applicable

MW - Monitoring well

P - Piezometer

RW - Recovery Well

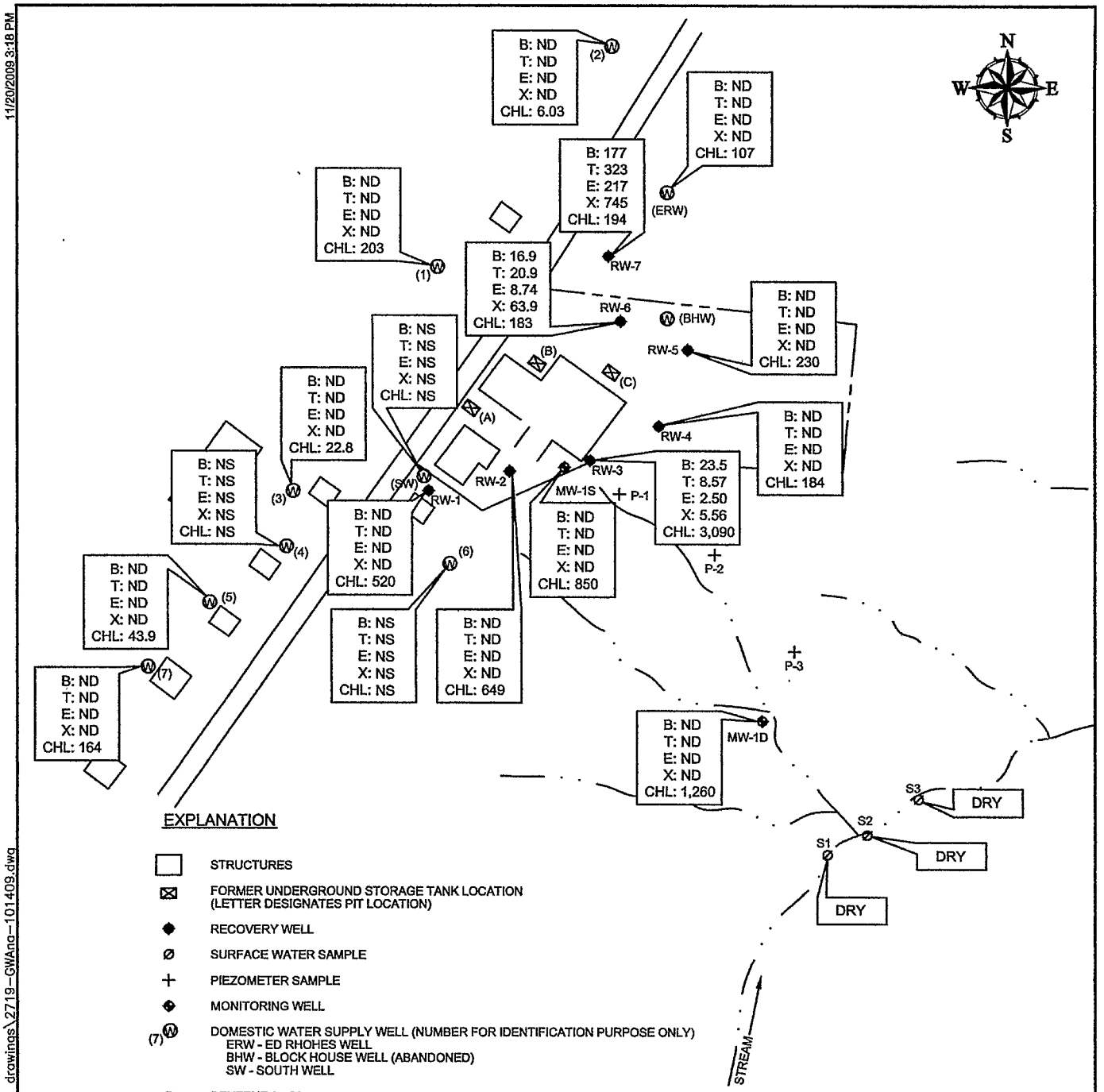
PLW - Also referred as the Parking Lot Well

TABLE 8: MONITORING SCHEDULE

Sample Location/Task	Frequency	Analysis
RW-1 thru RW-7, MW-1S, MW-1D	Quarterly	Method 602 plus MTBE/DIPE and Chloride
Water Wells	Quarterly	Method 602 plus MTBE/DIPE and Chloride
Creek	Quarterly	Method 602 plus MTBE/DIPE and Chloride
Soil Chloride Area	Annually	Standard Method 300 for Chloride

FIGURES

ENVIRONMENTAL ALLIANCE



EXPLANATION

- STRUCTURES
- FORMER UNDERGROUND STORAGE TANK LOCATION (LETTER DESIGNATES PIT LOCATION)
- RECOVERY WELL
- SURFACE WATER SAMPLE
- PIEZOMETER SAMPLE
- MONITORING WELL
- (7)W DOMESTIC WATER SUPPLY WELL (NUMBER FOR IDENTIFICATION PURPOSE ONLY)
  - ERW - ED RHOHES WELL
  - BHW - BLOCK HOUSE WELL (ABANDONED)
  - SW - SOUTH WELL

B: BENZENE (ug/L)
T: TOLUENE (ug/L)
E: ETHYLBENZENE (ug/L)
X: TOTAL XYLENES (ug/L)
CHL: CHLORIDE (mg/L)
ND: NON-DETECT
NS: NOT SAMPLED

0 300 600 Feet

Source: Trigon Engineering, Inc., 2008

Environmental Alliance, Inc.
10993 South Richardson Road, Suite 17,
Ashland, VA 23005
Phone: (804) 752-3558 - Fax: (804) 752-3559

HANCOCK COUNTRY HAMS
FRANKLINVILLE, NORTH CAROLINA

GROUNDWATER ANALYTICAL DATA
OCTOBER 2009

DESIGNED BY:	DRAWN BY:	UPDATED BY:	FIGURE NO:
JSE	LAV	AGG	14
APPROVED BY:	PROJECT NO.	DATE:	
JSE	2719	11/20/2009	

11/20/2009 3:18 PM

V:\Projects\2719 Smithfield_Hancock\dwg\Alliance drawings\2719-GWAna-101409.dwg

APPENDIX A

ENVIRONMENTAL ALLIANCE

NCDENR
North Carolina Department of Environment and Natural Resources

Michael F. Easley, Governor

William G. Ross Jr., Secretary

March 16, 2004

CERTIFIED MAIL 7002 2410 0004 4233 3012
RETURN RECEIPT REQUESTED

Norman B. Fisher
Gwaltney of Smithfield, Ltd.
P.O. Box 489
Smithfield, VA 23431

Re: Notice of Regulatory Requirements 15A NCAC 2L .0115(f) Risk-Based Assessment and Corrective Action for Petroleum Underground Storage Tanks, Hancock Country Hams, 3484 NC Highway 22 North, Franklinville, Randolph County, NC, Incident 3700, High Risk Classification

Dear Mr. Fisher:

The UST Section of the Division of Waste Management, Winston-Salem Regional Office, has reviewed the Corrective Action Plan dated February 4, 2004 for the above-referenced incident. The UST Section staff agrees with the proposed plan and schedule with the following modifications:

1. Water supply wells 1 through 7, SW, BHW, and ERW should also be sampled on a quarterly basis. (January, April, July, and October)

2. The monitoring reports should be submitted to the Winston-Salem Regional Office within thirty (30) days of the last day of the monitoring period.

3. Any revisions to the sampling schedule will be considered following the receipt and review of the findings from this monitoring activity.

Based on the recommendation of the UST Section staff, I hereby approve the plan and schedule. You should initiate this remedial action within thirty (30) days from the date of receipt of this notice. Please note that it is your responsibility to ensure that any waste generated during implementation of the plan is disposed of in accordance with all applicable county, state and federal laws.

Your prompt attention to the items described herein is required. Failure to comply with the State's rules in the manner and time specified may result in the assessment of civil penalties

If you have any questions regarding the actions that must be taken or the rules mentioned in this notice, please contact Stephen Williams at the letterhead address and/or at (336) 771-4600 extension 283.

Sincerely,

Cindy Rintoul
Regional Supervisor

cc: Mike Walker, Randolph County Health Department
WSRO files
✓John Stewart, Trigon Engineering Consultants

APPENDIX B

ENVIRONMENTAL ALLIANCE

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: Environmental Alliance, Inc (417771)
Address: 10993 S. Richardson Road, Ste 17
City, State, Zip: Ashland VA 23005
Client Invoice Contact: Jason S. Early
Client Project Mgr: Jason S. Early
Client Telephone#: (804) 752-3558 Fax: (804) 752-3559
Sampler Name (Print): [illegible] Richardson
SamplerSignature:

TA Account #: 417771 PO #:
Invoice to: Environmental Alliance, Inc (417771)
Report to: Jason S. Early
Project Name: Hancock Country Hams - Franklinville, NC
Facility ID: 2719
Site Address: Yes
City,State,Zip: North Carolina
Regulatory District (CA):

NSJ1648
11/02/09 23 59

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 602 aromatics/MTBE/IPE	Chloride by IC 300.0	RUSH TAT (Pre Schedule)
01 MWID101409/1120	10/4/09	1120	4	X					X					X	X						X	X	
02 RW1101409/1020		1020	4	X					X					X	X						X	X	
03 RW7101409/1035		1035	4	X					X					X	X						X	X	
04 RW2101409/1450		1450	4	X					X					X	X						X	X	
05 RW3101409/1410		1410	4	X					X					X	X						X	X	
06 RW4101409/1200		1200	4	X					X					X	X						X	X	
07 RW5101409/1430		1430	4	X					X					X	X						X	X	
08 RW6101409/1320		1320	4	X					X					X	X						X	X	
09 MWIS101409/1220		1220	4	X					X					X	X						X	X	
10 Brown 101409/1350		1350	4	X					X					X	X						X	X	

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 15506

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
	9/6/09	1750						

Shipped Via:	Shipped Via:	QC Deliverables (Please Circle One):	Date Due of Report:
		Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	

Received for TestAmerica by:	Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact? Y N	VOCs Free of Headspace? Y N
	10/1/7	8:30			

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404

Client: Environmental Alliance, Inc (417771)
Address: 10993 S. Richardson Road, Ste 17
City, State, Zip: Ashland VA 23005
Client Invoice Contact: Jason S. Early
Client Project Mgr: Jason S. Early
Client Telephone#: (804) 752-3558 Fax: (804) 752-3559
Sampler Name (Print): Mark Richardson
SamplerSignature:

TA Account #: 417771 PO #:
Invoice to: Environmental Alliance, Inc (417771)
Report to: Jason S. Early
Project Name: Hancock Country Hams - Franklinville, NC
Facility ID: 2719
Site Address: Yes
City,State,Zip: North Carolina
Regulatory District (CA):

	Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	Analyze for: 602 aromatics/MTBE/IPE	Chloride by IC 300.0	RUSH TAT (Pre Schedule) *
11	Rhodes 101409 1600	10/14/09	1600	4	X					X					X	X						X	X	
12	Norman 101409 1540	↓	1540	4	X					X					X	X						X	X	
13	JESTER 101409 1230		1230	4	X					X					X	X						X	X	
14	Gibson 101409 1248		1248	4	X					X					X	X						X	X	
15	Beal 101409 1520	V	1520	4	X					X					X	X						X	X	

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

NOTES/SPECIAL INSTRUCTIONS: BO # 15506

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
	9/16/09	1730						
Shipped Via:			Shipped Via:			QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	Date Due of Report:	
Received for TestAmerica by:	Date: 10/17	Time: 8:30	Temperature Upon Receipt:	Sample Containers Intact? Y N; VOCs Free of Headspace? Y N				

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECI

NSJ1648

Cooler Received/Opened On 10/17/2009 @ 0830

1. Tracking # 0580 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID Raynger

2. Temperature of rep. sample or temp blank when opened: 0.6 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) VT

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? AM 10/17/09 YES..NO..NA 1 vial for

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA Sample No 09

12. Did all container labels and tags agree with custody papers? YES...NO...NA was Broken

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES NO...NA If multiple coolers, sequence # _____

I certify that I unloaded the cooler and answered questions 7-14 (intial) AM

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

DATA QUALIFIERS AND DEFINITIONS

H	Sample analysis performed past method-specified holding time.
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
Z2	Surrogate recovery was above the acceptance limits. Data not impacted.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	North Carolina
EPA 300.0	Water	N/A	X	X
EPA 602	Water	N/A	X	X

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Purgeable Aromatics by EPA Method 602												
9110340-BSD1												
Surrogate: a,a,a-Trifluorotoluene		29.2		ug/L	30.0	97%	50 - 150			9110340		11/03/09 16:11

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client: Environmental Alliance, Inc (417771)
10993 S. Richardson Road, Ste 17
Ashland, VA 23005
Attn: Jason S. Early

Work Order: NSJ1648
Project Name: Hancock Country Hams - Franklinville, NC
Project Number: 2719
Received: 10/17/09 08:30

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Purgeable Aromatics by EPA Method 602												
9103996-BSD1												
Benzene		18.9		ug/L	20.0	95%	39 - 150	0.2	200	9103996		10/26/09 18:20
Chlorobenzene		18.8		ug/L	20.0	94%	55 - 135	0.3	200	9103996		10/26/09 18:20
1,2-Dichlorobenzene		17.0		ug/L	20.0	85%	37 - 154	0.2	200	9103996		10/26/09 18:20
1,4-Dichlorobenzene		14.9		ug/L	20.0	74%	42 - 143	0.3	200	9103996		10/26/09 18:20
1,3-Dichlorobenzene		15.1		ug/L	20.0	75%	50 - 141	0.6	200	9103996		10/26/09 18:20
Ethylbenzene		19.5		ug/L	20.0	97%	32 - 150	0.4	200	9103996		10/26/09 18:20
Toluene		18.4		ug/L	20.0	92%	46 - 148	0.3	200	9103996		10/26/09 18:20
o-Xylene		19.2		ug/L	20.0	96%	64 - 130	0.2	200	9103996		10/26/09 18:20
m,p-Xylene		35.1		ug/L	40.0	88%	66 - 128	0.4	200	9103996		10/26/09 18:20
Methyl tert-Butyl Ether		16.7		ug/L	20.0	84%	56 - 123	0.03	200	9103996		10/26/09 18:20
Diisopropyl Ether		18.0		ug/L	20.0	90%	55 - 131	0.3	200	9103996		10/26/09 18:20
Surrogate: a,a,a-Trifluorotoluene		37.5		ug/L	30.0	125%	50 - 150			9103996		10/26/09 18:20
9103996-BSD2												
Benzene		19.3		ug/L	20.0	96%	39 - 150	4	200	9103996		10/27/09 04:53
Chlorobenzene		19.0		ug/L	20.0	95%	55 - 135	3	200	9103996		10/27/09 04:53
1,2-Dichlorobenzene		15.7		ug/L	20.0	79%	37 - 154	0.4	200	9103996		10/27/09 04:53
1,4-Dichlorobenzene		13.8		ug/L	20.0	69%	42 - 143	3	200	9103996		10/27/09 04:53
1,3-Dichlorobenzene		14.3		ug/L	20.0	71%	50 - 141	0.8	200	9103996		10/27/09 04:53
Ethylbenzene		19.5		ug/L	20.0	97%	32 - 150	2	200	9103996		10/27/09 04:53
Toluene		18.6		ug/L	20.0	93%	46 - 148	3	200	9103996		10/27/09 04:53
o-Xylene		19.3		ug/L	20.0	97%	64 - 130	1	200	9103996		10/27/09 04:53
m,p-Xylene		34.7		ug/L	40.0	87%	66 - 128	2	200	9103996		10/27/09 04:53
Methyl tert-Butyl Ether		16.6		ug/L	20.0	83%	56 - 123	3	200	9103996		10/27/09 04:53
Diisopropyl Ether		18.4		ug/L	20.0	92%	55 - 131	3	200	9103996		10/27/09 04:53
Surrogate: a,a,a-Trifluorotoluene		27.0		ug/L	30.0	90%	50 - 150			9103996		10/27/09 04:53
9110340-BSD1												
Benzene		19.6		ug/L	20.0	98%	39 - 150	4	200	9110340		11/03/09 16:11
Chlorobenzene		19.5		ug/L	20.0	98%	55 - 135	5	200	9110340		11/03/09 16:11
1,2-Dichlorobenzene		16.4		ug/L	20.0	82%	37 - 154	3	200	9110340		11/03/09 16:11
1,4-Dichlorobenzene		14.5		ug/L	20.0	72%	42 - 143	4	200	9110340		11/03/09 16:11
1,3-Dichlorobenzene		15.1		ug/L	20.0	76%	50 - 141	4	200	9110340		11/03/09 16:11
Ethylbenzene		20.4		ug/L	20.0	102%	32 - 150	4	200	9110340		11/03/09 16:11
Toluene		19.4		ug/L	20.0	97%	46 - 148	5	200	9110340		11/03/09 16:11
o-Xylene		20.0		ug/L	20.0	100%	64 - 130	3	200	9110340		11/03/09 16:11
m,p-Xylene		36.1		ug/L	40.0	90%	66 - 128	3	200	9110340		11/03/09 16:11
Methyl tert-Butyl Ether		17.7		ug/L	20.0	88%	56 - 123	3	200	9110340		11/03/09 16:11
Diisopropyl Ether		19.1		ug/L	20.0	96%	55 - 131	4	200	9110340		11/03/09 16:11
Naphthalene		11.7		ug/L	20.0	58%	55 - 131	0.3	200	9110340		11/03/09 16:11

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Purgeable Aromatics by EPA Method 602								
9104459-BS1								
Methyl tert-Butyl Ether	100	96.0	MNR1	ug/L	96%	56 - 123	9104459	10/26/09 15:26
Diisopropyl Ether	100	95.6	MNR1	ug/L	96%	55 - 131	9104459	10/26/09 15:26
Surrogate: a,a,a-Trifluorotoluene	30.0	39.9			133%	50 - 150	9104459	10/26/09 15:26
9104459-BS2								
Benzene	100	99.1	MNR1	ug/L	99%	39 - 150	9104459	10/26/09 15:56
Chlorobenzene	100	94.6	MNR1	ug/L	95%	55 - 135	9104459	10/26/09 15:56
1,2-Dichlorobenzene	100	101	MNR1	ug/L	101%	37 - 154	9104459	10/26/09 15:56
1,4-Dichlorobenzene	100	97.8	MNR1	ug/L	98%	42 - 143	9104459	10/26/09 15:56
1,3-Dichlorobenzene	100	98.5	MNR1	ug/L	98%	50 - 141	9104459	10/26/09 15:56
Ethylbenzene	100	95.2	MNR1	ug/L	95%	32 - 150	9104459	10/26/09 15:56
Toluene	100	92.4	MNR1	ug/L	92%	46 - 148	9104459	10/26/09 15:56
o-Xylene	100	90.7	MNR1	ug/L	91%	64 - 130	9104459	10/26/09 15:56
m,p-Xylene	200	164	MNR1	ug/L	82%	66 - 128	9104459	10/26/09 15:56
Methyl tert-Butyl Ether	100	95.6	MNR1	ug/L	96%	56 - 123	9104459	10/26/09 15:56
Diisopropyl Ether	100	94.5	MNR1	ug/L	95%	55 - 131	9104459	10/26/09 15:56
Surrogate: a,a,a-Trifluorotoluene	30.0	46.2	Z2		154%	50 - 150	9104459	10/26/09 15:56
9110340-BS1								
Benzene	20.0	18.8		ug/L	94%	39 - 150	9110340	11/03/09 15:42
Chlorobenzene	20.0	18.6		ug/L	93%	55 - 135	9110340	11/03/09 15:42
1,2-Dichlorobenzene	20.0	15.9		ug/L	79%	37 - 154	9110340	11/03/09 15:42
1,4-Dichlorobenzene	20.0	13.9		ug/L	69%	42 - 143	9110340	11/03/09 15:42
1,3-Dichlorobenzene	20.0	14.5		ug/L	73%	50 - 141	9110340	11/03/09 15:42
Ethylbenzene	20.0	19.5		ug/L	98%	32 - 150	9110340	11/03/09 15:42
Toluene	20.0	18.5		ug/L	92%	46 - 148	9110340	11/03/09 15:42
o-Xylene	20.0	19.4		ug/L	97%	64 - 130	9110340	11/03/09 15:42
m,p-Xylene	40.0	34.9		ug/L	87%	66 - 128	9110340	11/03/09 15:42
Methyl tert-Butyl Ether	20.0	17.2		ug/L	86%	56 - 123	9110340	11/03/09 15:42
Diisopropyl Ether	20.0	18.4		ug/L	92%	55 - 131	9110340	11/03/09 15:42
Naphthalene	20.0	11.6		ug/L	58%	55 - 131	9110340	11/03/09 15:42
Surrogate: a,a,a-Trifluorotoluene	30.0	28.4			95%	50 - 150	9110340	11/03/09 15:42

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
9104160-BS1								
Chloride	3.00	2.90	MHA	mg/L	97%	90 - 110	9104160	10/25/09 05:53
Purgeable Aromatics by EPA Method 602								
9103996-BS1								
Benzene	20.0	18.9	MNR1	ug/L	94%	39 - 150	9103996	10/26/09 17:51
Chlorobenzene	20.0	18.8	MNR1	ug/L	94%	55 - 135	9103996	10/26/09 17:51
1,2-Dichlorobenzene	20.0	17.0	MNR1	ug/L	85%	37 - 154	9103996	10/26/09 17:51
1,4-Dichlorobenzene	20.0	14.8	MNR1	ug/L	74%	42 - 143	9103996	10/26/09 17:51
1,3-Dichlorobenzene	20.0	15.2	MNR1	ug/L	76%	50 - 141	9103996	10/26/09 17:51
Ethylbenzene	20.0	19.4	MNR1	ug/L	97%	32 - 150	9103996	10/26/09 17:51
Toluene	20.0	18.5	MNR1	ug/L	92%	46 - 148	9103996	10/26/09 17:51
o-Xylene	20.0	19.3	MNR1	ug/L	96%	64 - 130	9103996	10/26/09 17:51
m,p-Xylene	40.0	34.9	MNR1	ug/L	87%	66 - 128	9103996	10/26/09 17:51
Methyl tert-Butyl Ether	20.0	16.7	MNR1	ug/L	84%	56 - 123	9103996	10/26/09 17:51
Diisopropyl Ether	20.0	18.1	MNR1	ug/L	91%	55 - 131	9103996	10/26/09 17:51
Surrogate: a,a,a-Trifluorotoluene	30.0	38.7			129%	50 - 150	9103996	10/26/09 17:51
9103996-BS2								
Benzene	20.0	18.5	MNR1	ug/L	93%	39 - 150	9103996	10/27/09 04:24
Chlorobenzene	20.0	18.5	MNR1	ug/L	92%	55 - 135	9103996	10/27/09 04:24
1,2-Dichlorobenzene	20.0	15.7	MNR1	ug/L	78%	37 - 154	9103996	10/27/09 04:24
1,4-Dichlorobenzene	20.0	13.4	MNR1	ug/L	67%	42 - 143	9103996	10/27/09 04:24
1,3-Dichlorobenzene	20.0	14.1	MNR1	ug/L	71%	50 - 141	9103996	10/27/09 04:24
Ethylbenzene	20.0	19.1	MNR1	ug/L	95%	32 - 150	9103996	10/27/09 04:24
Toluene	20.0	18.0	MNR1	ug/L	90%	46 - 148	9103996	10/27/09 04:24
o-Xylene	20.0	19.1	MNR1	ug/L	95%	64 - 130	9103996	10/27/09 04:24
m,p-Xylene	40.0	34.2	MNR1	ug/L	85%	66 - 128	9103996	10/27/09 04:24
Methyl tert-Butyl Ether	20.0	16.1	MNR1	ug/L	81%	56 - 123	9103996	10/27/09 04:24
Diisopropyl Ether	20.0	17.8	MNR1	ug/L	89%	55 - 131	9103996	10/27/09 04:24
Surrogate: a,a,a-Trifluorotoluene	30.0	26.1			87%	50 - 150	9103996	10/27/09 04:24
9104459-BS1								
Benzene	100	100	MNR1	ug/L	100%	39 - 150	9104459	10/26/09 15:26
Chlorobenzene	100	92.4	MNR1	ug/L	92%	55 - 135	9104459	10/26/09 15:26
1,2-Dichlorobenzene	100	96.7	MNR1	ug/L	97%	37 - 154	9104459	10/26/09 15:26
1,4-Dichlorobenzene	100	92.6	MNR1	ug/L	93%	42 - 143	9104459	10/26/09 15:26
1,3-Dichlorobenzene	100	92.5	MNR1	ug/L	92%	50 - 141	9104459	10/26/09 15:26
Ethylbenzene	100	92.0	MNR1	ug/L	92%	32 - 150	9104459	10/26/09 15:26
Toluene	100	92.2	MNR1	ug/L	92%	46 - 148	9104459	10/26/09 15:26
o-Xylene	100	87.5	MNR1	ug/L	88%	64 - 130	9104459	10/26/09 15:26
m,p-Xylene	200	158	MNR1	ug/L	79%	66 - 128	9104459	10/26/09 15:26

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
9104160-DUP1										
Chloride	203	205		mg/L	1	20	9104160	NSJ1648-15		10/28/09 03:46

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

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	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Purgeable Aromatics by EPA Method 602						
9104459-BLK1						
Methyl tert-Butyl Ether	<0.450		ug/L	9104459	9104459-BLK1	10/24/09 13:54
Diisopropyl Ether	<0.230		ug/L	9104459	9104459-BLK1	10/24/09 13:54
Surrogate: a,a,a-Trifluorotoluene	88%			9104459	9104459-BLK1	10/24/09 13:54
9110340-BLK1						
Benzene	<0.390		ug/L	9110340	9110340-BLK1	11/03/09 12:49
Chlorobenzene	<0.220		ug/L	9110340	9110340-BLK1	11/03/09 12:49
1,2-Dichlorobenzene	<0.470		ug/L	9110340	9110340-BLK1	11/03/09 12:49
1,4-Dichlorobenzene	<0.270		ug/L	9110340	9110340-BLK1	11/03/09 12:49
1,3-Dichlorobenzene	<0.150		ug/L	9110340	9110340-BLK1	11/03/09 12:49
Ethylbenzene	<0.380		ug/L	9110340	9110340-BLK1	11/03/09 12:49
Toluene	<0.410		ug/L	9110340	9110340-BLK1	11/03/09 12:49
o-Xylene	<0.360		ug/L	9110340	9110340-BLK1	11/03/09 12:49
m,p-Xylene	<0.820		ug/L	9110340	9110340-BLK1	11/03/09 12:49
Methyl tert-Butyl Ether	<0.450		ug/L	9110340	9110340-BLK1	11/03/09 12:49
Diisopropyl Ether	<0.230		ug/L	9110340	9110340-BLK1	11/03/09 12:49
Surrogate: a,a,a-Trifluorotoluene	102%			9110340	9110340-BLK1	11/03/09 12:49

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	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
9104160-BLK1						
Chloride	<0.300		mg/L	9104160	9104160-BLK1	10/25/09 05:35
Purgeable Aromatics by EPA Method 602						
9103996-BLK1						
Benzene	<0.390		ug/L	9103996	9103996-BLK1	10/26/09 19:17
Chlorobenzene	<0.220		ug/L	9103996	9103996-BLK1	10/26/09 19:17
1,2-Dichlorobenzene	<0.470		ug/L	9103996	9103996-BLK1	10/26/09 19:17
1,4-Dichlorobenzene	<0.270		ug/L	9103996	9103996-BLK1	10/26/09 19:17
1,3-Dichlorobenzene	<0.150		ug/L	9103996	9103996-BLK1	10/26/09 19:17
Ethylbenzene	<0.380		ug/L	9103996	9103996-BLK1	10/26/09 19:17
Toluene	<0.410		ug/L	9103996	9103996-BLK1	10/26/09 19:17
o-Xylene	<0.360		ug/L	9103996	9103996-BLK1	10/26/09 19:17
m,p-Xylene	<0.820		ug/L	9103996	9103996-BLK1	10/26/09 19:17
Methyl tert-Butyl Ether	<0.450		ug/L	9103996	9103996-BLK1	10/26/09 19:17
Diisopropyl Ether	<0.230		ug/L	9103996	9103996-BLK1	10/26/09 19:17
Surrogate: a,a,a-Trifluorotoluene	116%			9103996	9103996-BLK1	10/26/09 19:17
9103996-BLK2						
Benzene	<0.390		ug/L	9103996	9103996-BLK2	10/27/09 01:31
Chlorobenzene	<0.220		ug/L	9103996	9103996-BLK2	10/27/09 01:31
1,2-Dichlorobenzene	<0.470		ug/L	9103996	9103996-BLK2	10/27/09 01:31
1,4-Dichlorobenzene	<0.270		ug/L	9103996	9103996-BLK2	10/27/09 01:31
1,3-Dichlorobenzene	<0.150		ug/L	9103996	9103996-BLK2	10/27/09 01:31
Ethylbenzene	<0.380		ug/L	9103996	9103996-BLK2	10/27/09 01:31
Toluene	<0.410		ug/L	9103996	9103996-BLK2	10/27/09 01:31
o-Xylene	<0.360		ug/L	9103996	9103996-BLK2	10/27/09 01:31
m,p-Xylene	<0.820		ug/L	9103996	9103996-BLK2	10/27/09 01:31
Methyl tert-Butyl Ether	<0.450		ug/L	9103996	9103996-BLK2	10/27/09 01:31
Diisopropyl Ether	<0.230		ug/L	9103996	9103996-BLK2	10/27/09 01:31
Surrogate: a,a,a-Trifluorotoluene	93%			9103996	9103996-BLK2	10/27/09 01:31
9104459-BLK1						
Benzene	<0.390		ug/L	9104459	9104459-BLK1	10/24/09 13:54
Chlorobenzene	<0.220		ug/L	9104459	9104459-BLK1	10/24/09 13:54
1,2-Dichlorobenzene	<0.470		ug/L	9104459	9104459-BLK1	10/24/09 13:54
1,4-Dichlorobenzene	<0.270		ug/L	9104459	9104459-BLK1	10/24/09 13:54
1,3-Dichlorobenzene	<0.150		ug/L	9104459	9104459-BLK1	10/24/09 13:54
Ethylbenzene	<0.380		ug/L	9104459	9104459-BLK1	10/24/09 13:54
Toluene	<0.410		ug/L	9104459	9104459-BLK1	10/24/09 13:54
o-Xylene	<0.360		ug/L	9104459	9104459-BLK1	10/24/09 13:54
m,p-Xylene	<0.820		ug/L	9104459	9104459-BLK1	10/24/09 13:54

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-16 (Trip Blank - Water) Sampled: 10/14/09 00:01								
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	10/24/09 14:23	EPA 602	9104459
Chlorobenzene	ND		ug/L	1.00	1	10/24/09 14:23	EPA 602	9104459
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/24/09 14:23	EPA 602	9104459
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/24/09 14:23	EPA 602	9104459
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/24/09 14:23	EPA 602	9104459
Ethylbenzene	ND		ug/L	1.00	1	10/24/09 14:23	EPA 602	9104459
Toluene	ND		ug/L	1.00	1	10/24/09 14:23	EPA 602	9104459
o-Xylene	ND		ug/L	1.00	1	10/24/09 14:23	EPA 602	9104459
m,p-Xylene	ND		ug/L	2.00	1	10/24/09 14:23	EPA 602	9104459
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/24/09 14:23	EPA 602	9104459
Diisopropyl Ether	ND		ug/L	1.00	1	10/24/09 14:23	EPA 602	9104459
Surr: a,a,a-Trifluorotoluene (50-150%)	*87 %*					*10/24/09 14:23*	*EPA 602*	*9104459*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-15 (Beal1014091520 - Water) Sampled: 10/14/09 15:20								
General Chemistry Parameters								
Chloride	203		mg/L	50.0	50	10/28/09 03:27	EPA 300.0	9104160
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	10/27/09 03:55	EPA 602	9103996
Chlorobenzene	ND		ug/L	1.00	1	10/27/09 03:55	EPA 602	9103996
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 03:55	EPA 602	9103996
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 03:55	EPA 602	9103996
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 03:55	EPA 602	9103996
Ethylbenzene	ND		ug/L	1.00	1	10/27/09 03:55	EPA 602	9103996
Toluene	ND		ug/L	1.00	1	10/27/09 03:55	EPA 602	9103996
o-Xylene	ND		ug/L	1.00	1	10/27/09 03:55	EPA 602	9103996
m,p-Xylene	ND		ug/L	2.00	1	10/27/09 03:55	EPA 602	9103996
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/27/09 03:55	EPA 602	9103996
Diisopropyl Ether	2.32		ug/L	1.00	1	10/27/09 03:55	EPA 602	9103996
Surr: a,a,a-Trifluorotoluene (50-150%)	*87 %*					*10/27/09 03:55*	*EPA 602*	*9103996*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-14 (Gibson1014091248 - Water) Sampled: 10/14/09 12:48								
General Chemistry Parameters								
Chloride	22.8		mg/L	5.00	5	10/28/09 03:09	EPA 300.0	9104160
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	10/27/09 03:26	EPA 602	9103996
Chlorobenzene	ND		ug/L	1.00	1	10/27/09 03:26	EPA 602	9103996
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 03:26	EPA 602	9103996
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 03:26	EPA 602	9103996
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 03:26	EPA 602	9103996
Ethylbenzene	ND		ug/L	1.00	1	10/27/09 03:26	EPA 602	9103996
Toluene	ND		ug/L	1.00	1	10/27/09 03:26	EPA 602	9103996
o-Xylene	ND		ug/L	1.00	1	10/27/09 03:26	EPA 602	9103996
m,p-Xylene	ND		ug/L	2.00	1	10/27/09 03:26	EPA 602	9103996
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/27/09 03:26	EPA 602	9103996
Diisopropyl Ether	ND		ug/L	1.00	1	10/27/09 03:26	EPA 602	9103996
Surr: a,a,a-Trifluorotoluene (50-150%)	*90 %*					*10/27/09 03:26*	*EPA 602*	*9103996*

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-13 (Jester1014091230 - Water) Sampled: 10/14/09 12:30								
General Chemistry Parameters								
Chloride	43.9		mg/L	5.00	5	10/28/09 02:51	EPA 300.0	9104160
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	10/27/09 02:58	EPA 602	9103996
Chlorobenzene	ND		ug/L	1.00	1	10/27/09 02:58	EPA 602	9103996
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 02:58	EPA 602	9103996
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 02:58	EPA 602	9103996
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 02:58	EPA 602	9103996
Ethylbenzene	ND		ug/L	1.00	1	10/27/09 02:58	EPA 602	9103996
Toluene	ND		ug/L	1.00	1	10/27/09 02:58	EPA 602	9103996
o-Xylene	ND		ug/L	1.00	1	10/27/09 02:58	EPA 602	9103996
m,p-Xylene	ND		ug/L	2.00	1	10/27/09 02:58	EPA 602	9103996
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/27/09 02:58	EPA 602	9103996
Diisopropyl Ether	ND		ug/L	1.00	1	10/27/09 02:58	EPA 602	9103996
Surr: a,a,a-Trifluorotoluene (50-150%)	*89 %*					*10/27/09 02:58*	*EPA 602*	*9103996*

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-12 (Norman 1014091540 - Water) Sampled: 10/14/09 15:40								
General Chemistry Parameters								
Chloride	6.03		mg/L	1.00	1	10/25/09 10:48	EPA 300.0	9104160
Purgeable Aromatics by EPA Method 602								
Benzene	ND	H	ug/L	1.00	1	11/03/09 13:18	EPA 602	9110340
Chlorobenzene	ND	H	ug/L	1.00	1	11/03/09 13:18	EPA 602	9110340
1,2-Dichlorobenzene	ND	H	ug/L	1.00	1	11/03/09 13:18	EPA 602	9110340
1,4-Dichlorobenzene	ND	H	ug/L	1.00	1	11/03/09 13:18	EPA 602	9110340
1,3-Dichlorobenzene	ND	H	ug/L	1.00	1	11/03/09 13:18	EPA 602	9110340
Ethylbenzene	ND	H	ug/L	1.00	1	11/03/09 13:18	EPA 602	9110340
Toluene	ND	H	ug/L	1.00	1	11/03/09 13:18	EPA 602	9110340
o-Xylene	ND	H	ug/L	1.00	1	11/03/09 13:18	EPA 602	9110340
m,p-Xylene	ND	H	ug/L	2.00	1	11/03/09 13:18	EPA 602	9110340
Methyl tert-Butyl Ether	ND	H	ug/L	1.00	1	11/03/09 13:18	EPA 602	9110340
Diisopropyl Ether	ND	H	ug/L	1.00	1	11/03/09 13:18	EPA 602	9110340
Surr: a,a,a-Trifluorotoluene (50-150%)	*99 %*					*11/03/09 13:18*	*EPA 602*	*9110340*

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-11 (Rhodes 1014091600 - Water) Sampled: 10/14/09 16:00								
General Chemistry Parameters								
Chloride	107		mg/L	10.0	10	10/28/09 02:32	EPA 300.0	9104160
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	10/27/09 02:00	EPA 602	9103996
Chlorobenzene	ND		ug/L	1.00	1	10/27/09 02:00	EPA 602	9103996
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 02:00	EPA 602	9103996
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 02:00	EPA 602	9103996
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 02:00	EPA 602	9103996
Ethylbenzene	ND		ug/L	1.00	1	10/27/09 02:00	EPA 602	9103996
Toluene	ND		ug/L	1.00	1	10/27/09 02:00	EPA 602	9103996
o-Xylene	ND		ug/L	1.00	1	10/27/09 02:00	EPA 602	9103996
m,p-Xylene	ND		ug/L	2.00	1	10/27/09 02:00	EPA 602	9103996
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/27/09 02:00	EPA 602	9103996
Diisopropyl Ether	ND		ug/L	1.00	1	10/27/09 02:00	EPA 602	9103996
Surr: a,a,a-Trifluorotoluene (50-150%)	*89 %*					*10/27/09 02:00*	*EPA 602*	*9103996*

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-10 (Brown 1014091350 - Water) Sampled: 10/14/09 13:50								
General Chemistry Parameters								
Chloride	164		mg/L	20.0	20	10/28/09 01:37	EPA 300.0	9104160
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	10/27/09 00:05	EPA 602	9103996
Chlorobenzene	ND		ug/L	1.00	1	10/27/09 00:05	EPA 602	9103996
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 00:05	EPA 602	9103996
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 00:05	EPA 602	9103996
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 00:05	EPA 602	9103996
Ethylbenzene	ND		ug/L	1.00	1	10/27/09 00:05	EPA 602	9103996
Toluene	ND		ug/L	1.00	1	10/27/09 00:05	EPA 602	9103996
o-Xylene	ND		ug/L	1.00	1	10/27/09 00:05	EPA 602	9103996
m,p-Xylene	ND		ug/L	2.00	1	10/27/09 00:05	EPA 602	9103996
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/27/09 00:05	EPA 602	9103996
Diisopropyl Ether	ND		ug/L	1.00	1	10/27/09 00:05	EPA 602	9103996
Surr: a,a,a-Trifluorotoluene (50-150%)	*94 %*					*10/27/09 00:05*	*EPA 602*	*9103996*

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-09 (MW1S1014091220 - Water) Sampled: 10/14/09 12:20								
General Chemistry Parameters								
Chloride	850		mg/L	100	100	10/28/09 01:19	EPA 300.0	9104160
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	10/26/09 23:36	EPA 602	9103996
Chlorobenzene	ND		ug/L	1.00	1	10/26/09 23:36	EPA 602	9103996
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 23:36	EPA 602	9103996
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 23:36	EPA 602	9103996
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 23:36	EPA 602	9103996
Ethylbenzene	ND		ug/L	1.00	1	10/26/09 23:36	EPA 602	9103996
Toluene	ND		ug/L	1.00	1	10/26/09 23:36	EPA 602	9103996
o-Xylene	ND		ug/L	1.00	1	10/26/09 23:36	EPA 602	9103996
m,p-Xylene	ND		ug/L	2.00	1	10/26/09 23:36	EPA 602	9103996
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/09 23:36	EPA 602	9103996
Diisopropyl Ether	ND		ug/L	1.00	1	10/26/09 23:36	EPA 602	9103996
Surr: a,a,a-Trifluorotoluene (50-150%)	*99 %*					*10/26/09 23:36*	*EPA 602*	*9103996*

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-08 (RW61014091320 - Water) Sampled: 10/14/09 13:20								
General Chemistry Parameters								
Chloride	183		mg/L	20.0	20	10/28/09 01:00	EPA 300.0	9104160
Purgeable Aromatics by EPA Method 602								
Benzene	16.9		ug/L	1.00	1	10/26/09 23:07	EPA 602	9103996
Chlorobenzene	ND		ug/L	1.00	1	10/26/09 23:07	EPA 602	9103996
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 23:07	EPA 602	9103996
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 23:07	EPA 602	9103996
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 23:07	EPA 602	9103996
Ethylbenzene	8.74		ug/L	1.00	1	10/26/09 23:07	EPA 602	9103996
Toluene	20.9		ug/L	1.00	1	10/26/09 23:07	EPA 602	9103996
o-Xylene	30.3		ug/L	1.00	1	10/26/09 23:07	EPA 602	9103996
m,p-Xylene	33.6		ug/L	2.00	1	10/26/09 23:07	EPA 602	9103996
Methyl tert-Butyl Ether	7.40		ug/L	1.00	1	10/26/09 23:07	EPA 602	9103996
Diisopropyl Ether	4.25		ug/L	1.00	1	10/26/09 23:07	EPA 602	9103996
Surr: a,a,a-Trifluorotoluene (50-150%)	*100 %*					*10/26/09 23:07*	*EPA 602*	*9103996*

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THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client: Environmental Alliance, Inc (417771)
10993 S. Richardson Road, Ste 17
Ashland, VA 23005
Attn: Jason S. Early

Work Order: NSJ1648
Project Name: Hancock Country Hams - Franklinville, NC
Project Number: 2719
Received: 10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-07 (RW51014091430 - Water) Sampled: 10/14/09 14:30								
General Chemistry Parameters								
Chloride	230		mg/L	20.0	20	10/28/09 00:42	EPA 300.0	9104160
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	10/26/09 22:39	EPA 602	9103996
Chlorobenzene	ND		ug/L	1.00	1	10/26/09 22:39	EPA 602	9103996
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 22:39	EPA 602	9103996
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 22:39	EPA 602	9103996
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 22:39	EPA 602	9103996
Ethylbenzene	ND		ug/L	1.00	1	10/26/09 22:39	EPA 602	9103996
Toluene	ND		ug/L	1.00	1	10/26/09 22:39	EPA 602	9103996
o-Xylene	ND		ug/L	1.00	1	10/26/09 22:39	EPA 602	9103996
m,p-Xylene	ND		ug/L	2.00	1	10/26/09 22:39	EPA 602	9103996
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/09 22:39	EPA 602	9103996
Diisopropyl Ether	ND		ug/L	1.00	1	10/26/09 22:39	EPA 602	9103996
Surr: a,a,a-Trifluorotoluene (50-150%)	*97 %*					*10/26/09 22:39*	*EPA 602*	*9103996*

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THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-06 (RW41014091200 - Water) Sampled: 10/14/09 12:00								
General Chemistry Parameters								
Chloride	184		mg/L	20.0	20	10/28/09 00:23	EPA 300.0	9104160
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	10/26/09 22:10	EPA 602	9103996
Chlorobenzene	ND		ug/L	1.00	1	10/26/09 22:10	EPA 602	9103996
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 22:10	EPA 602	9103996
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 22:10	EPA 602	9103996
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 22:10	EPA 602	9103996
Ethylbenzene	ND		ug/L	1.00	1	10/26/09 22:10	EPA 602	9103996
Toluene	ND		ug/L	1.00	1	10/26/09 22:10	EPA 602	9103996
o-Xylene	ND		ug/L	1.00	1	10/26/09 22:10	EPA 602	9103996
m,p-Xylene	ND		ug/L	2.00	1	10/26/09 22:10	EPA 602	9103996
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/09 22:10	EPA 602	9103996
Diisopropyl Ether	ND		ug/L	1.00	1	10/26/09 22:10	EPA 602	9103996
Surr: a,a,a-Trifluorotoluene (50-150%)	*101 %*					*10/26/09 22:10*	*EPA 602*	*9103996*

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client: Environmental Alliance, Inc (417771)
10993 S. Richardson Road, Ste 17
Ashland, VA 23005
Attn: Jason S. Early

Work Order: NSJ1648
Project Name: Hancock Country Hams - Franklinville, NC
Project Number: 2719
Received: 10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-05 (RW31014091410 - Water) Sampled: 10/14/09 14:10								
General Chemistry Parameters								
Chloride	3090		mg/L	500	500	10/28/09 00:05	EPA 300.0	9104160
Purgeable Aromatics by EPA Method 602								
Benzene	23.5		ug/L	1.00	1	10/26/09 21:41	EPA 602	9103996
Chlorobenzene	ND		ug/L	1.00	1	10/26/09 21:41	EPA 602	9103996
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 21:41	EPA 602	9103996
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 21:41	EPA 602	9103996
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 21:41	EPA 602	9103996
Ethylbenzene	2.50		ug/L	1.00	1	10/26/09 21:41	EPA 602	9103996
Toluene	8.57		ug/L	1.00	1	10/26/09 21:41	EPA 602	9103996
o-Xylene	3.30		ug/L	1.00	1	10/26/09 21:41	EPA 602	9103996
m,p-Xylene	2.26		ug/L	2.00	1	10/26/09 21:41	EPA 602	9103996
Methyl tert-Butyl Ether	12.8		ug/L	1.00	1	10/26/09 21:41	EPA 602	9103996
Diisopropyl Ether	2.52		ug/L	1.00	1	10/26/09 21:41	EPA 602	9103996
Surr: a,a,a-Trifluorotoluene (50-150%)	*107 %*					*10/26/09 21:41*	*EPA 602*	*9103996*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-04 (RW21014091450 - Water) Sampled: 10/14/09 14:50								
General Chemistry Parameters								
Chloride	649		mg/L	100	100	10/27/09 23:47	EPA 300.0	9104160
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	10/26/09 21:12	EPA 602	9103996
Chlorobenzene	ND		ug/L	1.00	1	10/26/09 21:12	EPA 602	9103996
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 21:12	EPA 602	9103996
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 21:12	EPA 602	9103996
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 21:12	EPA 602	9103996
Ethylbenzene	ND		ug/L	1.00	1	10/26/09 21:12	EPA 602	9103996
Toluene	ND		ug/L	1.00	1	10/26/09 21:12	EPA 602	9103996
o-Xylene	ND		ug/L	1.00	1	10/26/09 21:12	EPA 602	9103996
m,p-Xylene	ND		ug/L	2.00	1	10/26/09 21:12	EPA 602	9103996
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/09 21:12	EPA 602	9103996
Diisopropyl Ether	1.22		ug/L	1.00	1	10/26/09 21:12	EPA 602	9103996
Surr: a,a,a-Trifluorotoluene (50-150%)	*108 %*					*10/26/09 21:12*	*EPA 602*	*9103996*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-03 (RW71014091035 - Water) Sampled: 10/14/09 10:35								
General Chemistry Parameters								
Chloride	194		mg/L	50.0	50	10/27/09 23:28	EPA 300.0	9104160
Purgeable Aromatics by EPA Method 602								
Benzene	177		ug/L	2.00	2	10/26/09 20:44	EPA 602	9103996
Chlorobenzene	ND		ug/L	2.00	2	10/26/09 20:44	EPA 602	9103996
1,2-Dichlorobenzene	ND		ug/L	2.00	2	10/26/09 20:44	EPA 602	9103996
1,4-Dichlorobenzene	ND		ug/L	2.00	2	10/26/09 20:44	EPA 602	9103996
1,3-Dichlorobenzene	ND		ug/L	2.00	2	10/26/09 20:44	EPA 602	9103996
Ethylbenzene	217		ug/L	2.00	2	10/26/09 20:44	EPA 602	9103996
Toluene	323		ug/L	2.00	2	10/26/09 20:44	EPA 602	9103996
o-Xylene	413		ug/L	2.00	2	10/26/09 20:44	EPA 602	9103996
m,p-Xylene	332		ug/L	4.00	2	10/26/09 20:44	EPA 602	9103996
Methyl tert-Butyl Ether	56.6		ug/L	2.00	2	10/26/09 20:44	EPA 602	9103996
Diisopropyl Ether	62.1		ug/L	2.00	2	10/26/09 20:44	EPA 602	9103996
Surr: a,a,a-Trifluorotoluene (50-150%)	*135 %*					*10/26/09 20:44*	*EPA 602*	*9103996*

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THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-02 (RW11014091020 - Water) Sampled: 10/14/09 10:20								
General Chemistry Parameters								
Chloride	520		mg/L	100	100	10/27/09 23:10	EPA 300.0	9104160
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	10/26/09 20:15	EPA 602	9103996
Chlorobenzene	ND		ug/L	1.00	1	10/26/09 20:15	EPA 602	9103996
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 20:15	EPA 602	9103996
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 20:15	EPA 602	9103996
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 20:15	EPA 602	9103996
Ethylbenzene	ND		ug/L	1.00	1	10/26/09 20:15	EPA 602	9103996
Toluene	ND		ug/L	1.00	1	10/26/09 20:15	EPA 602	9103996
o-Xylene	ND		ug/L	1.00	1	10/26/09 20:15	EPA 602	9103996
m,p-Xylene	ND		ug/L	2.00	1	10/26/09 20:15	EPA 602	9103996
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/09 20:15	EPA 602	9103996
Diisopropyl Ether	ND		ug/L	1.00	1	10/26/09 20:15	EPA 602	9103996
Surr: a,a,a-Trifluorotoluene (50-150%)	*109 %*					*10/26/09 20:15*	*EPA 602*	*9103996*

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THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client: Environmental Alliance, Inc (417771)
10993 S. Richardson Road, Ste 17
Ashland, VA 23005
Attn: Jason S. Early

Work Order: NSJ1648
Project Name: Hancock Country Hams - Franklinville, NC
Project Number: 2719
Received: 10/17/09 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSJ1648-01 (MW1D1014091120 - Water) Sampled: 10/14/09 11:20								
General Chemistry Parameters								
Chloride	1260		mg/L	200	200	10/28/09 13:09	EPA 300.0	9104160
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	10/26/09 19:46	EPA 602	9103996
Chlorobenzene	ND		ug/L	1.00	1	10/26/09 19:46	EPA 602	9103996
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 19:46	EPA 602	9103996
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 19:46	EPA 602	9103996
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/26/09 19:46	EPA 602	9103996
Ethylbenzene	ND		ug/L	1.00	1	10/26/09 19:46	EPA 602	9103996
Toluene	ND		ug/L	1.00	1	10/26/09 19:46	EPA 602	9103996
o-Xylene	ND		ug/L	1.00	1	10/26/09 19:46	EPA 602	9103996
m,p-Xylene	ND		ug/L	2.00	1	10/26/09 19:46	EPA 602	9103996
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/26/09 19:46	EPA 602	9103996
Diisopropyl Ether	ND		ug/L	1.00	1	10/26/09 19:46	EPA 602	9103996
Surr: a,a,a-Trifluorotoluene (50-150%)	*113 %*					*10/26/09 19:46*	*EPA 602*	*9103996*

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Environmental Alliance, Inc (417771)	Work Order:	NSJ1648
	10993 S. Richardson Road, Ste 17	Project Name:	Hancock Country Hams - Franklinville, NC
	Ashland, VA 23005	Project Number:	2719
Attn	Jason S. Early	Received:	10/17/09 08:30

Jennifer Gambill

Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

November 11, 2009 12:16:23PM

Client: Environmental Alliance, Inc (417771)
10993 S. Richardson Road, Ste 17
Ashland, VA 23005
Attn: Jason S. Early

Work Order: NSJ1648
Project Name: Hancock Country Hams - Franklinville, NC
Project Nbr: 2719
P/O Nbr:
Date Received: 10/17/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW1D1014091120	NSJ1648-01	10/14/09 11:20
RW11014091020	NSJ1648-02	10/14/09 10:20
RW71014091035	NSJ1648-03	10/14/09 10:35
RW21014091450	NSJ1648-04	10/14/09 14:50
RW31014091410	NSJ1648-05	10/14/09 14:10
RW41014091200	NSJ1648-06	10/14/09 12:00
RW51014091430	NSJ1648-07	10/14/09 14:30
RW61014091320	NSJ1648-08	10/14/09 13:20
MW1S1014091220	NSJ1648-09	10/14/09 12:20
Brown 1014091350	NSJ1648-10	10/14/09 13:50
Rhodes 1014091600	NSJ1648-11	10/14/09 16:00
Norman 1014091540	NSJ1648-12	10/14/09 15:40
Jester1014091230	NSJ1648-13	10/14/09 12:30
Gibson1014091248	NSJ1648-14	10/14/09 12:48
Beal1014091520	NSJ1648-15	10/14/09 15:20
Trip Blank	NSJ1648-16	10/14/09 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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Additional Laboratory Comments:
Revised 11 November 2009: Corrected sample ID's for NSJ1648-09 and -13 per chain of custody. This final report replaces the final report generated on 11 November 2009 at 8:38.
North Carolina Certification Number: 387
The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

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All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By: