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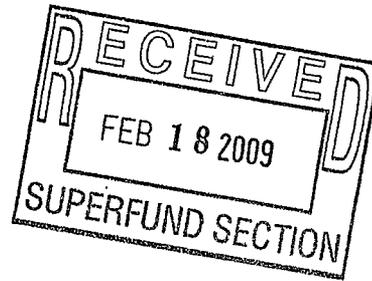
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Groundwater Sampling Report
Hancock Country Hams
3484 NC Highway 22 North
Franklinville, Randolph County, North Carolina
Incident No. 3700
Trigon|Kleinfelder Project No. 99197

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: Gwaltney of Smithfield Ltd.
601 North Church Street
Smithfield, Virginia 23430
757.356.3131
Attn. Mr. Rob Bogaard, Vice President of Operations

Consultant: Trigon|Kleinfelder, Inc.
Post Office Box 18846
Greensboro, North Carolina 27419-8846
Attn.: Mr. Craig D. Neil, P.G.
336.668-0093

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: February 5, 2008

Seal and Signature of Registered Professional Geologist

Craig D. Neil, P.G.
NC License No. 1802

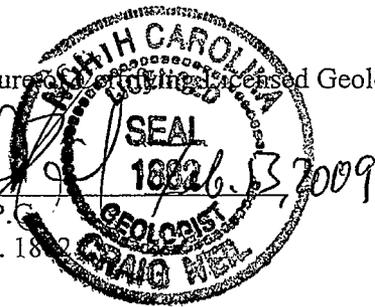


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1.0 BACKGROUND

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. Because of the large distance to the creek (1,000 feet), Trigon|Kleinfelder believes the petroleum compounds are degrading/attenuating before they reach the creek. 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 our client 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. 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 our client, 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 our client'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. A copy of the approval letter is included in Appendix A.

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 January 14, 2009, groundwater and surface water samples were collected and analyzed to assess the current state; i.e. size and concentrations of the hydrocarbon plume. It is the purpose of this report to present the results of the groundwater and surface water sampling conducted at the site on January 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. One of the nine homes 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 January 14, 2009. The locations of the monitoring and recovery wells are shown on Figure 2. The samples were sent to SGS-Paradigm Laboratories and analyzed for volatile and aromatic hydrocarbons using EPA Method 602 plus MTBE and DIPE and for chloride.

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 SGS-Paradigm Laboratories. Field sampling data sheets are included in Appendix B. Purge water was pumped into an on-site tanker truck and hauled to Smithfield Foods facility in Bladen County.

4.2 WATER WELL SAMPLING

Seven water wells were sampled on January 14, 2009. Eight water wells have historically been sampled; however one home 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 samples were sent to SGS-Paradigm Laboratories and analyzed for volatile and aromatic hydrocarbons using EPA Method 602 plus MTBE and DIPE and for chloride. 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 Paradigm Laboratories. Field sampling data sheets are included in Appendix B.

4.3 STREAM SAMPLING

The stream located east of the site was sampled on January 14, 2009, at the upper, mid, and lower stream locations (S-1 upper, S-2 mid, and S-3 lower).

4.4 FIELD MEASUREMENTS

The static water level in each monitoring and recovery well sampled was measured on January 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 the field sampling sheets included in Appendix B.

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 ppm. No volatile organic compounds were detected in the samples. The laboratory results are summarized in Table 3 and the complete laboratory reports are included as Appendix C. Historical laboratory results of the monitoring wells are summarized in Table 4.

5.2 RECOVERY WELLS

The laboratory analysis of the samples from RW-3, RW-6, and RW-7 detected concentrations of benzene above the State's 2L .0202 standard. The analysis of the sample from RW-7 also detected concentrations ethylbenzene, and total xylenes above the State's 2L .0202 standards. 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 3 and the laboratory report is included as Appendix C. Historical laboratory results of the recovery wells are summarized in Table 4.

To track petroleum associated contaminant concentrations over time, wells that have contaminant concentrations that have exceeded the State 2L standards during more than two consecutive sampling events were used to create contaminant concentration versus time graphs. This frequency was chosen

solely to provide more than a two-point line on the graph. Figures 5 and 6 show the benzene concentrations versus time in RW-3 and RW-6, respectively, and Figure 7 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 except for isopropyl ether (IPE) which was detected in the Beal well (1) at concentrations below the 2L Standard. Chloride was detected in all the sampled water wells below the State's standard. The laboratory results are summarized in Table 3 and the laboratory report is included as Appendix C. Historical laboratory results for the water wells are summarized in Table 5.

To track the petroleum associated contaminant concentrations over time, wells that have contaminant concentrations that have exceeded the State 2L standards during more than two consecutive sampling events were used to create contaminant concentration versus time graphs. Figures 8, 9, and 10 show the benzene concentrations versus time in the South well (SW), Ed Rhodes well (ERW), and Hancock well (6), respectively.

5.4 STREAM SAMPLES

No volatile organic compounds were detected in any of the stream samples. Chloride concentrations were not detected above the 2L Standard in any of the stream samples, and have not been detected above the 2L Standard in the stream for more than ten years. The laboratory results are summarized in Table 6 and the laboratory report is included as Appendix C. Historical laboratory results of the stream samples are summarized in Table 6.

5.5 GROUNDWATER FLOW DIRECTION

The groundwater measurements collected in January 14, 2009 were used to prepare a groundwater surface contour map (Figure 11). The data shows groundwater in both the residuum and bedrock are moving generally to the southeast toward the stream. The water level data are summarized in Table 7.

5.6 PLUME GEOMETRY

Based on the data collected during the January 2009 sampling event, chloride is concentrated in the area immediately behind (east-southeast) the plant (MW-1S and RW-3). A diffuse plume of chloride extends to the north, southwest, and west of the plant. This larger diffuse chloride plume could be the cumulative result of incidental spills at the plant over the last 40 years, diffusion of the chloride through the aquifer, or pumping induced movement along fractures. The current location of the chloride plume is shown in Figure 12.

Chloride concentrations had increased during the June 2008 sampling event compared to the previous sampling events in all of the recovery wells except RW-2. During the January 2009 sampling event chloride concentrations had again stabilized compared to historical data. Chloride concentrations in the supply wells have stabilized since the March 2007 sampling event when the Beal well (1) and the Norman well (2) had exceeded the 2L standard for the first time.

The petroleum release reportedly occurred in the area of UST Pit B. A BTEX plume extends from RW-3 to RW-7 located on the north side of the plant. The BTEX plume does not reach the creek east of the site, based on stream sampling data. The current locations of the benzene, ethylbenzene, toluene, and xylenes plumes are shown in Figures 13, 14, 15, and 16, respectively.

6.0 CONCLUSIONS

Based on the results of our investigation, we offer the following conclusions and recommendations:

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 concentration of hydrocarbons in RW-3 had been generally decreasing during the last two years, but increased during the last three previous sampling events and has now decreased again. The concentration of benzene in RW-6 has declined steadily over the last year, but has increased during the most recent sampling event. 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, but have increased in the most recent sampling event. These data indicate that the hydrocarbons plume has remained unchanged in size and the concentration of hydrocarbons is gradually declining in RW-6, RW-7 and RW-3.

2. The shallow residuum and deep bedrock aquifers are contaminated with chlorides. All the water wells in the immediate area have detectable concentrations of chlorides, but none exceeded the 2L Standard. 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 since the last sampling event. The concentrations of chlorides in the samples have remained fairly constant over the 19 year sampling history at the site.
3. All the residences within 1,000 feet of the site have had point-of-use reverse osmosis systems installed at the kitchen sink. In addition, a point-of-entry carbon adsorption system was installed at the Hancock residence. As a result, there is a limited risk of exposure to hydrocarbons or chloride for people in the area. The systems are maintained on a quarterly basis. However, some residents do not always allow access to their home. The treatment systems have been removed from the hancock residence since it was connected to the public water supply.

7.0 RECOMMENDATIONS

Concentrations of hydrocarbons in site groundwater have increased slightly during the January 2009 sampling event. Concentrations of chloride spiked during the January 2007 sampling event but returned to previously observed trends during subsequent sampling events. Based on this, and the fact that impacted nearby residences have maintained water treatment systems, Trigon|Kleinfelder recommends continued monitoring as specified in the February 2004 Corrective Action Plan (Table 8). Once the nearby residences have been connected to the public water system, NCDENR will be asked to reevaluate the status of the UST incident at 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, Ne 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 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	IPE	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	4 x 10 ⁶	---	15	250
Monitoring Wells											
MW-1S											
10/23/88	BQL	BQL	BQL	BQL	---	NA	NA	NA	NA	NA	NA
11/30/88	NA	NA	NA	NA	---	NA	NA	NA	NA	NA	3,800
10/01/96	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	BQL	21.9	9,844
02/17/98	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	NA	6.53	4,590
06/12/03	BQL	BQL	1.9	BQL	1.9	BQL	BQL	BQL	BQL	12.4	3,150
10/08/03	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	BQL	3,200
01/08/04	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	BQL	2,710
04/07/04	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	BQL	2,800
07/20/04	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	2,700
12/15/04	BQL	BQL	1.24	BQL	1.24	BQL	BQL	NA	NA	NA	2,351
03/24/05	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	2,620
08/23/05	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	2,210
12/01/05	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,990
03/08/06	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,700
06/20/06	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,541
10/12/06	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,662
01/03/07	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,496
03/22/07	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,346
07/18/07	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,362
01/24/08	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,440
03/20/08	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,362
06/24/08	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,680
01/14/09	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,040
MW-1D											
11/9-10/88	BQL	BQL	BQL	BQL	---	NA	NA	NA	NA	NA	740
02/29/96	NA	NA	NA	NA	---	NA	NA	NA	NA	NA	1,387
10/11/96	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	BQL	112	1,781
02/19/98	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	NA	155	851
06/12/03	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS
10/08/03	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	NA	23.5	1,100
01/08/04	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	NA	BQL	1,080
04/07/04	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	NA	BQL	1,040
07/20/04	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	NA	NA	987
12/15/04	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	NA	NA	1,029
03/24/05	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	NA	NA	1,150
08/23/05	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	NA	NA	1,480
12/01/05	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	NA	NA	1,370
03/08/06	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	NA	NA	1,200
06/20/06	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	NA	NA	1,394
10/12/06	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	NA	NA	1,297
01/03/07	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	NA	NA	1,449
3/22/07	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,104
07/18/07	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,329
01/24/08	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,000
03/20/08	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,220
06/24/08	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,320
01/14/09	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,010

Notes:

All results in parts per billion (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

IPE - Isopropyl Ether

NS - Not sampled

¹ Sample collected by Westinghouse Environmental Services; piezometers currently inaccessible

² Sample collected by Charles T. Main

³ Sample collected by Smithfield Foods

⁴ Sample collected by BPA Environmental & Engineering, Inc.

⁵ EPA Method 602 with a detection limit of 1 to 5 ppb

⁶ EPA Method 504.1 with a Detection Limit of 0.02 ppb

⁷ EPA Method 601 with a detection limit of 1 to 5 ppb

⁸ Method 239.1 with a detection limit of 5 ppb

⁹ Method SM4500C with a detection limit of 0.10 ppm

¹⁰ Collected on 9/23/88

¹¹ Sample collected by Russnow, Kane, and Andrews

¹² 144/865 - Sample collected near water table/sample collected at depth

¹³ Sample 3C collected from Packer Test Interval 220 - 240 ft. bls.

¹⁴ Sample 3B Collected from Packer Test Interval 290 - 310 ft. bls.

¹⁵ Sample 3A Collected from Packer Test Interval 319 - 339 ft. bls.

¹⁶ Sample 6A Collected from Packer Test Interval 167 - 187 ft. bls.

¹⁷ Sample 7B Collected from Packer Test Interval 170 - 190 ft. bls.

¹⁸ Sample collected by Trigon Engineering Consultants, Inc.

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	IPE	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	4 x 10 ⁻⁶	---	15	250
Recovery Wells											
RW-1											
05/26/93	NA	NA	NA	NA	---	NA	NA	NA	NA	NA	473
02/17/98	BQL	BQL	BQL	BQL	---	BQL	20	BQL	BQL	23	284
03/23/99	BQL	BQL	BQL	BQL	---	BQL	13	NA	NA	NA	492
06/12/03	BQL	BQL	BQL	BQL	---	BQL	2.7	BQL	BQL	NA	553
10/08/03	BQL	BQL	BQL	BQL	---	BQL	1	NA	BQL	NA	550
01/08/04	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	BQL	NA	525
04/07/04	BQL	BQL	BQL	BQL	---	BQL	1.9	NA	BQL	NA	612
07/20/04	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	NA	NA	643
12/15/04	BQL	BQL	BQL	BQL	---	BQL	1.07	BQL	NA	NA	594
03/24/05	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	569
08/23/05	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	668
12/01/05	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	530
03/08/06	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	190
06/20/06	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	377
10/12/06	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	486
01/03/07	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	665
03/22/07	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	308
07/18/07	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	704
01/24/08	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	692
03/20/08	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	670
06/24/08	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	753
01/14/09	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	711
RW-2											
05/26/93	BQL	BQL	BQL	BQL	---	BQL	NA	NA	NA	NA	429
02/17/98	BQL	BQL	BQL	BQL	---	BQL	22	BQL	BQL	16.8	255
03/23/99	BQL	BQL	BQL	BQL	---	BQL	12	NA	NA	NA	419
06/12/03	1.2	BQL	1.1	BQL	2.3	BQL	BQL	BQL	BQL	5.48	575
10/08/03	BQL	BQL	BQL	BQL	---	BQL	1.3	NA	NA	BQL	370
01/08/04	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	BQL	765
04/07/04	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	BQL	627
12/15/04	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	755
03/24/05	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	773
08/23/05	BQL	BQL	1.51	BQL	1.51	BQL	BQL	NA	NA	NA	659
12/01/05	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	783
03/08/06	BQL	BQL	BQL	BQL	---	BQL	1.7	NA	NA	NA	560
06/20/06	BQL	BQL	BQL	BQL	---	BQL	2.3	NA	NA	NA	783
10/12/06	BQL	BQL	BQL	BQL	---	BQL	1.95	NA	NA	NA	519
01/03/07	BQL	BQL	BQL	BQL	---	BQL	1.77	NA	NA	NA	641
03/22/07	BQL	BQL	BQL	BQL	---	BQL	2.32	NA	NA	NA	445
07/18/07	BQL	BQL	BQL	BQL	---	BQL	BQL	BQL	BQL	BQL	440
01/24/08	BQL	BQL	BQL	BQL	---	BQL	2.15	NA	NA	NA	498
03/20/08	BQL	BQL	BQL	BQL	---	2	1.07	NA	NA	NA	656
06/24/08	BQL	BQL	BQL	BQL	---	BQL	1.62	NA	NA	NA	420
01/14/09	BQL	BQL	BQL	BQL	---	BQL	2.27	NA	NA	NA	472

Notes:

- All results in parts per billion (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
- IPE - Isopropyl Ether
- NS - Not sampled
- ¹ Sample collected by Westinghouse Environmental Services; piezometers currently inaccessible
- ² Sample collected by Charles T. Main
- ³ Sample collected by Smithfield Foods
- ⁴ Sample collected by BPA Environmental & Engineering, Inc.
- ⁵ EPA Method 602 with a detection limit of 1 to 5 ppb

- ⁶ EPA Method 504.1 with a Detection Limit of 0.02 ppb
- ⁷ EPA Method 601 with a detection limit of 1 to 5 ppb
- ⁸ Method 239.1 with a detection limit of 5 ppb
- ⁹ Method SM4500C with a detection limit of 0.10 ppm
- ¹⁰ Collected on 9/23/88
- ¹¹ Sample collected by Russnow, Kane, and Andrews
144/865 - Sample collected near water table/sample collected at depth
- ¹² Sample 3C collected from Packer Test Interval 220 - 240 ft. bls.
- ¹³ Sample 3B Collected from Packer Test Interval 290 - 310 ft. bls.
- ¹⁴ Sample 3A Collected from Packer Test Interval 319 - 339 ft. bls.
- ¹⁵ Sample 6A Collected from Packer Test Interval 167 - 187 ft. bls.
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Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	IPE	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1.000	530	---	200	70	4 x 10 ⁻⁷	---	15	250
RW-3											
05/26/93	NA	NA	NA	NA	---	NA	NA	NA	NA	NA	1,219
03/17/98	NA	NA	NA	NA	---	NA	NA	NA	NA	NA	4,250
02/17/98	190	BQL	32	BQL	---	BQL	22	BQL	BQL	29.9	3,800
10/20/12	43	BQL	20	16	79	BQL	9	NA	NA	NA	NA
10/20/13	66	BQL	27	23	116	BQL	17	NA	NA	NA	4,250
10/20/14	180	BQL	65	74	319	BQL	21	NA	NA	NA	6,400
03/23/99	85	BQL	12	BQL	97	BQL	32	NA	NA	NA	3,423
06/12/03	45	BQL	160	219	424.00	BQL	16	BQL	BQL	5.45	4,230
10/08/03	99	84	300	560	1,043.00	BQL	79	NA	NA	BQL	3,800
01/08/04	110	20	99	360	589.00	BQL	30	NA	NA	BQL	4,210
04/07/04	130	18	480	650	1,278.00	BQL	91	NA	NA	BQL	4,850
07/20/04	74.9	67	137	253.8	532.70	BQL	BQL	NA	NA	NA	2,720
12/15/04	41.6	10.8	34	68.7	155.10	BQL	13.8	NA	NA	NA	3,705
03/24/05	85.2	37.7	270	226	618.90	BQL	BQL	NA	NA	NA	4,010
08/23/05	63.2	43.4	61.4	34.9	202.90	8	3.89	NA	NA	NA	3,290
12/01/05	54.7	7.25	BQL	26.8	88.75	BQL	12.2	NA	NA	NA	4,600
03/08/06	17	2.6	12	11	42.60	BQL	7	NA	NA	NA	4,400
06/20/06	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS
10/12/06	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS
01/03/07	2	BQL	12	4	18	BQL	BQL	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	3,261
07/18/07	39.70	20.10	69.80	84.60	214.20	BQL	3.05	NA	NA	NA	3,767
01/24/08	7.35	BQL	3.19	3.81	14.35	BQL	5.24	NA	NA	NA	2,940
03/20/08	8.13	2.78	5.37	13.08	29.36	BQL	7.01	NA	NA	NA	2,730
06/24/08	3.36	BQL	3.11	2.99	9.46	BQL	6.08	NA	NA	NA	2,690
01/14/09	2.87	1.70	4.33	10.86	19.76	BQL	5.93	NA	NA	NA	1,230
RW-4											
05/26/93	BQL	BQL	BQL	BQL	---	BQL	NA	NA	NA	NA	457
02/17/98	BQL	BQL	BQL	BQL	---	BQL	1	BQL	BQL	30.8	226
03/23/99	BQL	BQL	BQL	BQL	---	BQL	5	NA	NA	NA	410
06/12/03	BQL	BQL	BQL	BQL	---	BQL	1.7	BQL	BQL	BQL	368
10/08/03	BQL	BQL	BQL	BQL	---	BQL	2.8	NA	NA	BQL	400
01/08/04	BQL	BQL	BQL	BQL	---	BQL	2.2	NA	NA	BQL	304
04/07/04	BQL	BQL	BQL	BQL	---	BQL	2.3	NA	NA	BQL	323
07/20/04	BQL	BQL	BQL	BQL	---	BQL	1.9	NA	NA	NA	277
12/15/04	BQL	BQL	BQL	BQL	---	BQL	2.05	NA	NA	NA	271
03/24/05	BQL	BQL	BQL	BQL	---	BQL	2.33	NA	NA	NA	249
08/23/05	BQL	BQL	BQL	BQL	---	BQL	1.81	NA	NA	NA	228
12/01/05	BQL	BQL	BQL	BQL	---	BQL	1.13	NA	NA	NA	220
03/08/06	BQL	BQL	BQL	BQL	---	BQL	1	NA	NA	NA	120
06/20/06	BQL	BQL	BQL	BQL	---	BQL	1.65	NA	NA	NA	218
10/12/06	BQL	BQL	BQL	BQL	---	BQL	1.57	NA	NA	NA	217
01/03/07	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	428
03/22/07	BQL	BQL	BQL	BQL	---	BQL	1.56	NA	NA	NA	220
07/18/07	BQL	BQL	BQL	BQL	---	BQL	0.04	NA	NA	NA	205
01/24/08	BQL	BQL	BQL	BQL	---	BQL	1.49	NA	NA	NA	172
03/20/08	BQL	BQL	BQL	BQL	---	BQL	1.74	NA	NA	NA	175
06/24/08	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	182
01/14/09	BQL	BQL	BQL	BQL	---	BQL	1.37	NA	NA	NA	190

Notes:

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TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

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

Notes:
 All results in parts per billion (ppb), except chloride which is presented in parts per million (ppm)
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 PLW - Parking Lot Well
 BQL - Below the quantitation limit of the method of analysis
 MTBE - Methyl-tert-butyl-ether
 IPE - Isopropyl Ether
 NS - Not sampled
 * Sample collected by Westinghouse Environmental Services: piezometers currently inaccessible
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 ‡ Sample collected by BPA Environmental & Engineering, Inc.
 § EPA Method 602 with a detection limit of 1 to 5 ppb

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 ‡‡ Method 239.1 with a detection limit of 5 ppb
 §§ Method SM4500C with a detection limit of 0.10 ppm
 ¶¶ Collected on 9/23/88
 ††† Sample collected by Russnow, Kane, and Andrews
 144/865 - Sample collected near water table/sample collected at depth
 †††† Sample 3C collected from Packer Test Interval 220 - 240 ft. bls.
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TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	IPE	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	4 x 10 ⁻⁶	—	15	250
RW-7											
5/26/1993 ²	BQL	BQL	BQL	BQL	—	24	NA	NA	NA	NA	324
3/29/1996 ²	NA	NA	NA	NA	—	NA	NA	NA	NA	NA	211
2/17/1998 ⁴	1,100	330	2,400	2,560	6,390	BQL	BQL	0.98	BQL	213	140
10/21/98	450	350	1,000	1,630	3,430	BQL	83	NA	NA	NA	240
3/23/99	460	130	600	470	1,660	BQL	110	NA	NA	NA	261
6/12/03	440	170	1,100	1,960	3,670	BQL	BQL	BQL	BQL	BQL	293
10/8/03	410	260	790	1,480	2,940	BQL	BQL	BQL	NA	BQL	350
1/8/04	470	320	990	1,640	3,420	BQL	120	BQL	NA	BQL	321
4/7/04	390	280	960	1,530	3,160	BQL	62	BQL	NA	BQL	310
7/20/04	388	269	954	1,477	3,088	BQL	63.2	NA	NA	NA	283
12/15/04	361	322	981	1,354	3,018	BQL	89.9	NA	NA	NA	299
3/24/05	359	289	956	1,517	3,121	BQL	BQL	NA	NA	NA	258
8/23/05	276	222	607	1,597	2,702	BQL	34	NA	NA	NA	261
12/1/05	288	265	770	1,404	2,727	BQL	65.1	NA	NA	NA	287
3/8/06	300	260	800	1,400	2,760	BQL	BQL	NA	NA	NA	140
6/20/06	226	191	505	1,419	2,341	BQL	117	NA	NA	NA	276
10/12/06	201	183	475	1,073	1,932	BQL	BQL	NA	NA	NA	274
1/3/07	263	32.9	584	1,287	2,166.9	BQL	BQL	NA	NA	NA	333
3/22/07	218	204	495	1,030	1,947	41.3	152	NA	NA	NA	220
7/18/07	205	193	444	1,059	1,901	BQL	115	NA	NA	NA	220
1/24/08	162	143	261	867	1,433	BQL	27.0	NA	NA	NA	125
3/20/08	167	141	321	872	1,501	BQL	68.2	NA	NA	NA	113
6/24/08	164	176	358	978	1,676	BQL	BQL	NA	NA	NA	152
1/14/09	174	174	326	972	1,646	40.4	80.3	NA	NA	NA	190

Notes:

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

Concentrations which exceed the 2L Groundwater Quality Standards are bold

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¹² Sample 3C collected from Packer Test Interval 220 - 240 ft. bls.

¹³ Sample 3B Collected from Packer Test Interval 290 - 310 ft. bls.

¹⁴ Sample 3A Collected from Packer Test Interval 319 - 339 ft. bls.

¹⁵ Sample 6A Collected from Packer Test Interval 167 - 187 ft. bls.

¹⁶ Sample 7B Collected from Packer Test Interval 170 - 190 ft. bls.

¹⁷ Sample collected by Trigon Engineering Consultants, Inc.

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	IPE	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	4 x 10 ⁻⁴	---	15	250
Water Supply Wells											
SW-1											
5/26/1988	BQL	NA	BQL	BQL	--	NA	NA	NA	NA	NA	542
8/30/1988	750	BQL	83	150	983	NA	NA	NA	NA	NA	600
5/20/1993	121	BQL	8	22	151	NA	NA	NA	NA	NA	562
10/1/1996	BQL	BQL	BQL	BQL	--	4	37	NA	BQL	BQL	208
2/17/1998	BQL	BQL	BQL	BQL	--	BQL	22	BQL	BQL	BQL	668
6/12/2003	BQL	BQL	BQL	BQL	--	BQL	11	BQL	BQL	BQL	553
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	4	NA	NA	6.5	399
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	3.4	NA	NA	BQL	440
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	6.2	NA	NA	BQL	298
7/20/2004	BQL	BQL	BQL	BQL	--	BQL	1.57	NA	NA	BQL	377
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	4.46	NA	NA	NA	209
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	1.28	NA	NA	NA	353
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	532
6/20/2006	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
10/12/2006	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
1/5/2007	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
3/22/2007	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
7/18/2007	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
1/24/2008	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
3/20/2008	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
6/24/2008	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS
1/14/2009	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS
Bent (1)											
8/30/1988	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	93
5/20/1993	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	136
10/1/1996	BQL	BQL	BQL	BQL	--	BQL	4	NA	BQL	BQL	91.2
2/18/1998	BQL	BQL	BQL	BQL	--	BQL	17	BQL	NA	5.97	86
6/13/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	BQL	BQL	BQL	110
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	90
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	3	NA	NA	BQL	94.5
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	77.5
7/20/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	73.1
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	9.89	NA	NA	NA	154
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	85.4
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	99.4
12/1/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	7.49
3/8/2006	BQL	BQL	BQL	BQL	--	BQL	5.4	NA	NA	NA	63
6/20/2006	BQL	BQL	BQL	BQL	--	BQL	13.7	NA	NA	NA	218
10/12/2006	BQL	BQL	BQL	BQL	--	BQL	3.92	NA	NA	NA	229
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	2.2	NA	NA	NA	333
3/22/2007	BQL	BQL	BQL	BQL	--	BQL	2.8	NA	NA	NA	158
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	127
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	2.46	NA	NA	NA	181
3/20/2008	BQL	BQL	BQL	BQL	--	2.53	11.8	NA	NA	NA	187
6/24/2008	BQL	BQL	BQL	BQL	---	BQL	5.55	NA	NA	NA	193
1/14/2009	BQL	BQL	BQL	BQL	---	BQL	3.97	NA	NA	NA	226

Notes:
 All results in parts per billion (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
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 NS - Not Sampled
 BQL - Below the quantitation limit of the method of analysis
 SW - South Well
 MTBE - Methyl-tert-butyl-ether
 IPE - Isopropyl ether

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	IPE	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	4 x 10 ⁻⁴	---	15	250
Water Supply Wells											
F. Norman (2)											
8/30/1988	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	8.6
5/20/1993	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	9
10/1/1996	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	BQL	BQL	49.9
2/18/1998	BQL	BQL	BQL	BQL	--	BQL	BQL	BQL	NA	BQL	43.4
6/12/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	BQL	BQL	BQL	2.4
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	6.7
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	5.82
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	7.56
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	9.5
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	8.58
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	10.8
12/1/2005	BQL	BQL	BQL	BQL	--	BQL	3.89	NA	NA	NA	135
3/8/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	6.2
6/20/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	19.6
10/12/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	17.7
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	309
3/22/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	11.4
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	15
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	5.93
3/20/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	4.74
6/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	8.33
1/14/2009	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	6.69
Gibson (3)											
8/30/1988	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	210
5/20/1993	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	265
10/1/1996	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	BQL	BQL	343
2/18/1998	BQL	BQL	BQL	BQL	--	BQL	BQL	BQL	NA	BQL	205
6/13/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	BQL	BQL	BQL	230
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	12	260
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	276
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	267
7/20/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	302
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	238
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	235
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	230
12/1/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	402
3/8/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	100
6/20/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	191
10/12/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	174
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	356
3/22/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	160.4
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	193
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	137
3/20/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	126
6/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	181
1/14/2009	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	17.3

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 MTBE - Methyl-tert-butyl-ether
 IPE - Isopropyl ether

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	IPE	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	4 x 10 ⁻⁴	---	15	250
Water Supply Wells -											
Presnell (4)											
8/30/1988	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	100
5/20/1993	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	265
10/1/1996	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	BQL	BQL	119
2/18/1998	BQL	BQL	BQL	BQL	--	BQL	BQL	BQL	NA	BQL	80.8
6/13/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	BQL	2.9	BQL	88
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	86
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	74.7
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	70.9
7/20/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	90.2
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	76
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	87.3
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	103
12/1/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	80.8
3/8/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	45
6/20/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	22.9
10/12/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	82.5
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	119
3/22/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	75
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	88
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	80.8
3/20/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	78.9
6/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	94.2
1/14/2009	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	81.4
Jester (5)											
8/30/1988	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	34
5/20/1993	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	35
10/1/1996	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	BQL	BQL	493
2/17/1998	BQL	BQL	BQL	BQL	--	BQL	BQL	BQL	NA	BQL	67
6/13/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	BQL	BQL	BQL	43
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	46
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	42.9
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	42.1
7/20/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	43.4
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	47.5
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	49.1
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	58.2
12/1/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	38.5
3/8/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	33
6/20/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	44
10/12/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	47.1
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	127
3/22/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	46.6
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	51
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	43.3
3/20/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	51.7
6/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	43.5
1/14/2009	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	41.9

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 NS - Not Sampled
 BQL - Below the quantitation limit of the method of analysis
 SW - South Well
 MTBE - Methyl-tert-butyl-ether
 IPE - Isopropyl ether
 * Sample actually taken before treatment system

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	IPE	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	4 x 10 ⁻⁴	---	15	250
Water Supply Wells											
J. Hancock (6) before treatment system											
8/30/1988	11	BQL	1	13	25	NA	NA	NA	NA	NA	3,100
5/20/1993	192	BQL	BQL	BQL	192	NA	NA	NA	NA	NA	2,224
2/29/1996	NA	NA	NA	NA	--	NA	NA	NA	NA	NA	2,741
10/1/1996	68	BQL	BQL	9	77	4	23	NA	BQL	6.55	4,189
2/17/1998	56	BQL	BQL	BQL	56	BQL	15	BQL	NA	BQL	3,934
6/13/2003	BQL	BQL	BQL	BQL	--	BQL	3	BQL	BQL	BQL	2,300
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	780
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	826
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	906
7/20/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	900
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	879
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	912
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	1,010
12/1/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	1,290
3/8/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	1,400
6/20/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	1,129
10/12/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	1,132
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	1,152
3/22/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	926
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	1,265
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	1,000
3/20/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	1,230
6/24/2008	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	1,030
1/14/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
J. Hancock (6) after treatment system											
6/20/2006	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NA	NA	NA	1223*
10/12/2006	BQL	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	61.3
1/5/2007	BQL	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	127
3/22/2007	BQL	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	83.8
7/18/2007	BQL	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	87.5
1/24/2008	BQL	BQL	BQL	BQL	BQL	--	BQL	BQL	NS	NS	89.8
3/20/2008	BQL	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NS	99.5
6/24/2008	BQL	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	100
1/14/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
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TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	IPE	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	4 x 10 ⁴	---	15	250
Water Supply Wells											
Rhodes (ERW)											
5/26/1988	715.8	NA	108.5	276.32	1,100.62	NA	NA	NA	NA	NA	79
8/30/1988	400	BQL	71	BQL	471	NA	NA	NA	NA	NA	190
5/20/1993	39	BQL	BQL	BQL	39	NA	NA	NA	NA	NA	147
10/1/1996	BQL	BQL	BQL	BQL	--	BQL	BQL	BQL	NA	BQL	171
2/18/1998	BQL	BQL	BQL	BQL	--	BQL	BQL	BQL	NA	BQL	86
6/12/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	BQL	BQL	BQL	81
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	120
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	108
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	114
7/20/2004	BQL	BQL	BQL	BQL	--	BQL	1.57	NA	NA	BQL	123
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	109
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	104
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	125
12/1/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	103
3/8/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	52
6/20/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	88.3
10/12/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	84.9
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	119
3/22/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	93.6
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	110
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	75.6
3/20/2008	BQL	BQL	BQL	BQL	--	BQL	1.19	NA	NA	NA	94.1
6/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	89.3
1/14/2009	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	101
Brown (7)											
6/12/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	BQL	BQL	BQL	380
10/8/2003	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	420
1/8/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	297
4/7/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	BQL	470
7/20/2004	BQL	BQL	BQL	BQL	--	BQL	1.57	NA	NA	BQL	408
12/15/2004	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	330
3/24/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	475
8/23/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	305
12/1/2005	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	228
3/8/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	110
6/20/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	230
10/12/2006	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	220
1/5/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	273
3/23/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	177
7/18/2007	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	224
1/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	212
3/20/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	207
6/24/2008	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	163
1/14/2009	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	205

Notes:
 All results in parts per billion (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
 NS - Not Sampled
 BQL- Below the quantitation limit of the method of analysis
 SW - South Well
 MTBE - Methyl-tert-butyl-ether
 IPE - Isopropyl ether

TABLE 6: HISTORICAL SURFACE WATER SAMPLE RESULTS

Compound/ Analysis	S-1 (upper)																				State Standard		
	10/31/88 ¹	10/11/96 ²	2/18/98 ³	6/12/03 ⁴	10/8/03 ⁵	1/8/04 ⁶	4/7/04 ⁶	7/20/04 ⁶	12/15/04 ⁶	3/24/05 ⁶	8/23/05 ⁶	12/01/05 ⁶	3/08/06 ⁶	6/20/06 ⁶	10/12/06 ⁶	1/3/07 ⁶	3/22/07 ⁶	7/18/07 ⁶	1/24/08 ⁶	3/20/2008 ⁶		6/24/2008 ⁶	1/14/2009 ⁷
Benzene ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	1.19
Ethylbenzene ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	11
Toluene ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	11
Total Xylenes ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	11
Total BTEX	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MTBE ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	---
DIPE ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	---
EDB ¹	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	---
Method 601 ²	NA	BQL	NA	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	---
Lead ³	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	25
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	250

Compound/ Analysis	S-2 (mid)																				State Standard		
	10/31/88 ¹	10/11/96 ²	2/18/98 ³	6/12/03 ⁴	10/8/03 ⁵	1/8/04 ⁶	4/7/04 ⁶	7/20/04 ⁶	12/15/04 ⁶	3/24/05 ⁶	8/23/05 ⁶	12/01/05 ⁶	3/08/06 ⁶	6/20/06 ⁶	10/12/06 ⁶	1/3/07 ⁶	3/22/07 ⁶	7/18/07 ⁶	1/24/08 ⁶	3/20/2008 ⁶		6/24/2008 ⁶	1/14/2009 ⁷
Benzene ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BOL	BOL	NS	NS	BOL	NS	BOL	1.19
Ethylbenzene ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BOL	BOL	NS	NS	BOL	NS	BOL	---
Toluene ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BOL	BOL	NS	NS	BOL	NS	BOL	11
Total Xylenes ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BOL	BOL	NS	NS	BOL	NS	BOL	---
Total BTEX	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MTBE ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BOL	BOL	NS	NS	BOL	NS	BOL	---
DIPE ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BOL	BOL	NS	NS	BOL	NS	BOL	---
EDB ¹	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	NS	BOL	---
Method 601 ²	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	NS	BOL	---
Lead ³	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	NS	BOL	25
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	250

Compound/ Analysis	S-3 (lower)																				State Standard		
	10/31/88 ¹	10/11/96 ²	2/18/98 ³	6/12/03 ⁴	10/8/03 ⁵	1/8/04 ⁶	4/7/04 ⁶	7/20/04 ⁶	12/15/04 ⁶	3/24/05 ⁶	8/23/05 ⁶	12/01/05 ⁶	3/08/06 ⁶	6/20/06 ⁶	10/12/06 ⁶	1/3/07 ⁶	3/22/07 ⁶	7/18/07 ⁶	1/24/08 ⁶	3/20/2008 ⁶		6/24/2008 ⁶	1/14/2009 ⁷
Benzene ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BOL	BOL	NS	BOL	BOL	BOL	1.19
Ethylbenzene ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BOL	BOL	NS	BOL	BOL	BOL	---
Toluene ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BOL	BOL	NS	BOL	BOL	BOL	11
Total Xylenes ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BOL	BOL	NS	BOL	BOL	BOL	---
Total BTEX	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MTBE ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BOL	BOL	NS	BOL	BOL	BOL	---
DIPE ¹	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BOL	BOL	NS	BOL	BOL	BOL	---
EDB ¹	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	BOL	---
Method 601 ²	NA	BQL	NA	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	BOL	---
Lead ³	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NS	NA	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	BOL	25
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	250

Notes:
 All results in parts per billion (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
 BQL- Below the quantitation limit of the method of analysis
 MTBE - Methyl-tert-butyl-ether
 IPE - Isopropyl Ether
¹ EPA Method 602 with a detection limit of 1 to 2 ppb
² EPA Method 601 with a detection limit of 1 to 5 ppb
³ EPA Method 239.1 with a detection limit of 5 ppb
⁴ EPA Method SM4500C with a detection limit of 0.10 ppm
⁵ Sample collected by Westinghouse Environmental
⁶ Sample collected by BPA Environmental & Engineering, Inc.
⁷ Sample collected by Trigon Engineering Consultants, Inc.
⁸ EPA Method 504.1 with a detection of 0.02 ppb

TABLE 7: SUMMARY OF MONITORING WELL AND GROUNDWATER ELEVATION DATA

Well No.	Elevation ¹		Well Construction			Static Water Levels																	
	Top of Casing	Top of Screen	Length of Screen	Depth of Casing ³	Depth of Well	11/18/83 ³		2/17-19/98 ⁴		3/13/99 ⁴		5/23/99 ⁴		6/12/03 ⁴		10/8/03 ⁴		1/8/04 ⁴		4/7/04 ⁴		7/20/04 ⁴	
						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-ID	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	---	---	---	---
P-1	809.32	811.84	2.40	NA	3	3.60	808.24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P-2	ND	765.00	2.4	NA	5.5	3.70	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	723.48	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	703.63	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		Well Construction			Static Water Levels																	
	Top of Casing	Top of Screen	Length of Screen	Depth of Casing ³	Depth of Well	01/05/05 ⁴		03/24/05 ⁴		08/23/05 ⁴		12/01/05 ⁴		3/08/06 ⁴		6/20/06 ⁴		10/12/06 ⁴		1/3/07 ⁴		3/22/07 ⁴	
						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-ID	674.66	-	NA	11.0	72	10.02 ⁷	664.64	7.39	667.27	11.39	665.27	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	118.73	714.96	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		Well Construction			Static Water Levels									
	Top of Casing	Top of Screen	Length of Screen	Depth of Casing ³	Depth of Well	7/18/07 ⁴		1/24/08 ⁴		3/20/2008 ⁴		6/24/2008 ⁴		1/14/2009 ⁴	
						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	828.37	14.42	828.42	14.88	827.96
MW-ID	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
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	127.24	715.32	127.53	715.03	124.60	717.96	124.30	718.26
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
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
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
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
RW-6 (PLW)	858.38	-	NA	37.7	267	130.95	727.43	139.11	719.27	139.51	719.07	134.70	723.68	134.87	723.51
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

--- Depth to Groundwater Not Measured

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

²Static water levels measured from the top of casing

³Water levels measured by Westinghouse Environmental Services.

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

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

⁶Water levels measured by Trigon Engineering Consultants, Inc.

⁷MW-ID and MW-1S water level measured 12/15/04

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

Notes: For site closure, Trigon will analyze all monitoring well/and soil samples by risk based methodology.

FIGURES

APPENDIX A



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:

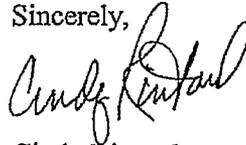
1. Water supply wells 1 through 7, SW, BHW, and ERW should also be sampled on a quarterly basis. (January, April, July, and October)
2. The monitoring reports should be submitted to the Winston-Salem Regional Office within thirty (30) days of the last day of the monitoring period.
3. Any revisions to 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



TRIGON|KLEINFELDER, INC.

Client: Hancock Country Hams
Project Number: 99197

GROUNDWATER SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: MW-1D
Locked: Yes [X] No []
PVC [] Steel [X] Stainless Steel []
Measuring point description: TOC

Purge Date: 1/14/2009
Purge Time: 10:25 to 11:15
Sample Date: 1/14/2009
Sample Time: 11:15
Sampled By: CDN

Water Level and Well Data

- 1) Depth to free product from measuring point NA ft.
2) Depth to water from measuring point 10.92 ft.
3) Thickness of free product NA ft.
4) Depth to well bottom from measuring point 72 ft.
5) Height of water column (h) 61.08 ft.

Well Purging and Sample Collection

- 1) Purge Method BAILER
2) Sample Method Bailer
3) Volume of water in well
[] 1" well ... (v = 0.041 x h)
[] 2" well ... (v = 0.163 x h)
[] 4" well ... (v = 0.651 x h)
[X] 6" well ... (v = 1.5 x h)
91.62 gal.
4) Volume of water removed prior to sampling 100 gal.
5) Was well purged DRY? YES [] NO [X]

Field Analysis

- 1) Temperature °C
2) Specific Conductance umhos/cm
3) pH
4) Dissolved Oxygen
5) ORP
6) Physical Appearance and Odor
7) Other



TRIGON|KLEINFELDER, INC.

Client: Hancock Country Hams
Project Number: 99197

GROUNDWATER SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: MW-1S
Locked: Yes [X] No []
PVC [X] Steel [] Stainless Steel []
Measuring point description: TOC

Purge Date: 1/14/2009
Purge Time: 13:50 PM to 14:05 PM
Sample Date: 1/14/2009
Sample Time: 14:05 PM
Sampled By: CDN

Water Level and Well Data

- 1) Depth to free product from measuring point NA ft.
2) Depth to water from measuring point 14.88 ft.
3) Thickness of free product NA ft.
4) Depth to well bottom from measuring point 15 ft.
5) Height of water column (h) 0.12 ft.

Well Purging and Sample Collection

- 1) Purge Method BAILER
2) Sample Method Bailer
3) Volume of water in well
[] 1" well ... (v = 0.041 x h)
[X] 2" well ... (v = 0.163 x h)
[] 4" well ... (v = 0.651 x h)
[] 6" well ... (v = 1.5 x h)
4) Volume of water removed prior to sampling 0.10 gal.
0.25 gal.
5) Was well purged DRY? YES [] NO [X]

Field Analysis

- 1) Temperature °C
2) Specific Conductance umhos/cm
3) pH
4) Dissolved Oxygen
5) ORP
6) Physical Appearance and Odor
7) Other



TRIGON|KLEINFELDER, INC.

Client: Hancock Country Hams
Project Number: 99197

GROUNDWATER SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: RW-1
Locked: Yes No
PVC Steel Stainless Steel
Measuring point description: TOC

Purge Date: 1/14/2009
Purge Time: 9:00 to 11:40
Sample Date: 1/14/2009
Sample Time: 11:40
Sampled By: CDN

Water Level and Well Data

- | | |
|---|------------------|
| 1) Depth to free product from measuring point | <u>NA</u> ft. |
| 2) Depth to water from measuring point | <u>124.3</u> ft. |
| 3) Thickness of free product | <u>NA</u> ft. |
| 4) Depth to well bottom from measuring point | <u>220</u> ft. |
| 5) Height of water column (h) | <u>95.7</u> ft. |

Well Purging and Sample Collection

- | | |
|---|---|
| 1) Purge Method | <u>SYSTEM</u> |
| 2) Sample Method | <u>SYSTEM</u> |
| 3) Volume of water in well | |
| <input type="checkbox"/> 1" well (v = 0.041 x h) | |
| <input type="checkbox"/> 2" well (v = 0.163 x h) | |
| <input type="checkbox"/> 4" well (v = 0.651 x h) | |
| <input checked="" type="checkbox"/> 6" well (v = 1.5 x h) | |
| 4) Volume of water removed prior to sampling | <u>143.55</u> gal.
<u>875</u> gal. |
| 5) Was well purged DRY? | YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> |

Field Analysis

- | | |
|--------------------------------|--------------------------------------|
| 1) Temperature | <u> </u> °C |
| 2) Specific Conductance | <u> </u> µmhos/cm |
| 3) pH | <u> </u> |
| 4) Dissolved Oxygen | <u> </u> |
| 5) ORP | <u> </u> |
| 6) Physical Apperance and Odor | <u> </u> |
| 7) Other | <u> </u> |



TRIGON|KLEINFELDER, INC.

Client: Hancock Country Hams
Project Number: 99197

GROUNDWATER SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: RW-2
Locked: Yes [X] No []
PVC [X] Steel [] Stainless Steel []
Measuring point description: TOC

Purge Date: 1/14/2009
Purge Time: 9:00 to 15:00
Sample Date: 1/14/2009
Sample Time: 15:00
Sampled By: CDN

Water Level and Well Data

- 1) Depth to free product from measuring point NA ft.
2) Depth to water from measuring point 132.54 ft.
3) Thickness of free product NA ft.
4) Depth to well bottom from measuring point 401 ft.
5) Height of water column (h) 268.46 ft.

Well Purging and Sample Collection

- 1) Purge Method SYSTEM
2) Sample Method SYSTEM
3) Volume of water in well
[] 1" well ... (v = 0.041 x h)
[] 2" well ... (v = 0.163 x h)
[] 4" well ... (v = 0.651 x h)
[X] 6" well ... (v = 1.5 x h)
4) Volume of water removed prior to sampling 402.69 gal.
719 gal.
5) Was well purged DRY? YES [] NO [X]

Field Analysis

- 1) Temperature °C
2) Specific Conductance μmhos/cm
3) pH
4) Dissolved Oxygen
5) ORP
6) Physical Appearance and Odor
7) Other



TRIGON|KLEINFELDER, INC.

Client: Hancock Country Hams
Project Number: 99197

GROUNDWATER SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: RW-3
Locked: Yes No
PVC Steel Stainless Steel
Measuring point description: TOC

Purge Date: 1/14/2009
Purge Time: 9:00 to 15:10
Sample Date: 1/14/2009
Sample Time: 15:10
Sampled By: CDN

Water Level and Well Data

- | | |
|---|-------------------|
| 1) Depth to free product from measuring point | <u>NA</u> ft. |
| 2) Depth to water from measuring point | <u>125.45</u> ft. |
| 3) Thickness of free product | <u>NA</u> ft. |
| 4) Depth to well bottom from measuring point | <u>340</u> ft. |
| 5) Height of water column (h) | <u>214.55</u> ft. |

Well Purging and Sample Collection

- | | |
|---|---|
| 1) Purge Method | <u>SYSTEM</u> |
| 2) Sample Method | <u>SYSTEM</u> |
| 3) Volume of water in well | |
| <input type="checkbox"/> 1" well (v = 0.041 x h) | |
| <input type="checkbox"/> 2" well (v = 0.163 x h) | |
| <input type="checkbox"/> 4" well (v = 0.651 x h) | |
| <input checked="" type="checkbox"/> 6" well (v = 1.5 x h) | |
| 4) Volume of water removed prior to sampling | <u>321.83</u> gal.
<u>305</u> gal. |
| 5) Was well purged DRY? | YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> |

Field Analysis

- | | |
|---------------------------------|--------------------------------------|
| 1) Temperature | <u> </u> °C |
| 2) Specific Conductance | <u> </u> μmhos/cm |
| 3) pH | <u> </u> |
| 4) Dissolved Oxygen | <u> </u> |
| 5) ORP | <u> </u> |
| 6) Physical Appearance and Odor | <u> </u> |
| 7) Other | <u> </u> |



TRIGON|KLEINFELDER, INC.

Client: Hancock Country Hams
Project Number: 99197

GROUNDWATER SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: RW-4
Locked: Yes No
PVC Steel Stainless Steel
Measuring point description: TOC

Purge Date: 1/14/2009
Purge Time: 9:00 to 14:22
Sample Date: 1/14/2009
Sample Time: 14:22
Sampled By: CDN

Water Level and Well Data

- | | |
|---|-------------------|
| 1) Depth to free product from measuring point | <u>NA</u> ft. |
| 2) Depth to water from measuring point | <u>103.36</u> ft. |
| 3) Thickness of free product | <u>NA</u> ft. |
| 4) Depth to well bottom from measuring point | <u>301</u> ft. |
| 5) Height of water column (h) | <u>197.64</u> ft. |

Well Purging and Sample Collection

- | | |
|---|---|
| 1) Purge Method | <u>SYSTEM</u> |
| 2) Sample Method | <u>SYSTEM</u> |
| 3) Volume of water in well | |
| <input type="checkbox"/> 1" well (v = 0.041 x h) | |
| <input type="checkbox"/> 2" well (v = 0.163 x h) | |
| <input type="checkbox"/> 4" well (v = 0.651 x h) | |
| <input checked="" type="checkbox"/> 6" well (v = 1.5 x h) | |
| 4) Volume of water removed prior to sampling | <u>296.46</u> gal.
<u>1228</u> gal. |
| 5) Was well purged DRY? | YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> |

Field Analysis

- | | |
|---------------------------------|--------------------------------------|
| 1) Temperature | <u> </u> °C |
| 2) Specific Conductance | <u> </u> µmhos/cm |
| 3) pH | <u> </u> |
| 4) Dissolved Oxygen | <u> </u> |
| 5) ORP | <u> </u> |
| 6) Physical Appearance and Odor | <u> </u> |
| 7) Other | <u> </u> |



TRIGON|KLEINFELDER, INC.

Client: Hancock Country Hams
Project Number: 99197

GROUNDWATER SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: RW-5
Locked: Yes [] No [X]
PVC [X] Steel [] Stainless Steel []
Measuring point description: TOC

Purge Date: 1/14/2009
Purge Time: 9:00 to 14:30
Sample Date: 1/14/2009
Sample Time: 14:30
Sampled By: CDN

Water Level and Well Data

- 1) Depth to free product from measuring point NA ft.
2) Depth to water from measuring point 113.65 ft.
3) Thickness of free product NA ft.
4) Depth to well bottom from measuring point 303 ft.
5) Height of water column (h) 189.35 ft.

Well Purging and Sample Collection

- 1) Purge Method SYSTEM
2) Sample Method SYSTEM
3) Volume of water in well
[] 1" well (v = 0.041 x h)
[] 2" well (v = 0.163 x h)
[] 4" well (v = 0.651 x h)
[X] 6" well (v = 1.5 x h)
4) Volume of water removed prior to sampling 284.03 gal.
501 gal.
5) Was well purged DRY? YES [] NO [X]

Field Analysis

- 1) Temperature °C
2) Specific Conductance umhos/cm
3) pH
4) Dissolved Oxygen
5) ORP
6) Physical Apperance and Odor
7) Other Gauge is not working



TRIGON|KLEINFELDER, INC.

Client: Hancock Country Hams
Project Number: 99197

GROUNDWATER SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: RW-6 (PLW)
Locked: Yes [X] No []
PVC [X] Steel [] Stainless Steel []
Measuring point description: TOC

Purge Date: 1/14/2009
Purge Time: 9:00 to 11:50
Sample Date: 1/14/2009
Sample Time: 11:50
Sampled By: CDN

Water Level and Well Data

- 1) Depth to free product from measuring point NA ft.
2) Depth to water from measuring point 134.87 ft.
3) Thickness of free product NA ft.
4) Depth to well bottom from measuring point 267 ft.
5) Height of water column (h) 132.13 ft.

Well Purging and Sample Collection

- 1) Purge Method SYSTEM
2) Sample Method SYSTEM
3) Volume of water in well
[] 1" well (v = 0.041 x h)
[] 2" well (v = 0.163 x h)
[] 4" well (v = 0.651 x h)
[X] 6" well (v = 1.5 x h)
4) Volume of water removed prior to sampling 198.20 gal.
754 gal.
5) Was well purged DRY? YES [] NO [X]

Field Analysis

- 1) Temperature °C
2) Specific Conductance umhos/cm
3) pH
4) Dissolved Oxygen
5) ORP
6) Physical Apperance and Odor
7) Other



TRIGON|KLEINFELDER, INC.

Client: Hancock Country Hams
Project Number: 99197

GROUNDWATER SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: RW-7
Locked: Yes [X] No []
PVC [X] Steel [] Stainless Steel []
Measuring point description: TOC

Purge Date: 1/14/2009
Purge Time: 9:00 to 11:55
Sample Date: 1/14/2009
Sample Time: 11:55
Sampled By: CDN

Water Level and Well Data

- 1) Depth to free product from measuring point NA ft.
2) Depth to water from measuring point 132.98 ft.
3) Thickness of free product NA ft.
4) Depth to well bottom from measuring point 221 ft.
5) Height of water column (h) 88.02 ft.

Well Purging and Sample Collection

- 1) Purge Method SYSTEM
2) Sample Method SYSTEM
3) Volume of water in well
[] 1" well (v = 0.041 x h)
[] 2" well (v = 0.163 x h)
[] 4" well (v = 0.651 x h)
[X] 6" well (v = 1.5 x h)
4) Volume of water removed prior to sampling 132.03 gal.
674 gal.
5) Was well purged DRY? YES [] NO [X]

Field Analysis

- 1) Temperature °C
2) Specific Conductance μmhos/cm
3) pH
4) Dissolved Oxygen
5) ORP
6) Physical Appearance and Odor
7) Other



TRIGON|KLEINFELDER, INC.

Client: Hancock Hams
Project Number: 049-08-011

WATER WELL SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: SW-1
Locked: Yes No
PVC Steel Stainless Steel
Measuring point description: 0

Purge Date: 1/0/1900
Purge Time: 0:00 to 0:00
Sample Date: 1/0/1900
Sample Time: 0:00
Sampled By: 0

Water Level and Well Data

- 1) Depth to water from measuring point 0 ft.
2) Depth to well bottom from measuring point 0 ft.
3) Height of water column (h) 0 ft.
4) Diameter of well 0 ft.

Well Purging and Sample Collection

- 1) Purge Method Outside spigot
2) Sample Method Outside spigot
3) Purge Time 0:00
4) Was well purged DRY? YES NO
5) Does water supply have a treatment system? YES NO
6) What type of treatment system? 0
7) Was sample collected prior to treatment system? YES NO

Field Analysis

- 1) Temperature °C
2) Specific Conductance umhos/cm
3) pH
4) Dissolved Oxygen
5) ORP
6) Physical Appearance and Odor NO SAMPLE
7) Comments Supply Well is not pumping



TRIGON|KLEINFELDER, INC.

Client: Hancock Hams
Project Number: 049-08-011

WATER WELL SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: Beal (1)
Locked: Yes [] No [X]
PVC [] Steel [X] Stainless Steel []
Measuring point description: NA

Purge Date: 1/14/2009
Purge Time: 13:00 to 13:15
Sample Date: 1/14/2009
Sample Time: 13:15
Sampled By: CDN

Water Level and Well Data

- 1) Depth to water from measuring point NA ft.
2) Depth to well bottom from measuring point NA ft.
3) Height of water column (h) NA ft.
4) Diameter of well 6 ft.

Well Purging and Sample Collection

- 1) Purge Method Outside spigot
2) Sample Method Outside spigot
3) Purge Time 0:15
4) Was well purged DRY? YES [] NO [X]
5) Does water supply have a treatment system? YES [X] NO []
6) What type of treatment system? RO
7) Was sample collected prior to treatment system? YES [X] NO []

Field Analysis

- 1) Temperature °C
2) Specific Conductance μmhos/cm
3) pH
4) Dissolved Oxygen
5) ORP
6) Physical Apperance and Odor Clear
7) Comments



TRIGON|KLEINFELDER, INC.

Client: Hancock Hams
Project Number: 049-08-011

WATER WELL SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: Norman (2)
Locked: Yes [] No [X]
PVC [] Steel [X] Stainless Steel []
Measuring point description: NA

Purge Date: 1/14/2009
Purge Time: 13:10 to 13:25
Sample Date: 1/14/2009
Sample Time: 13:25
Sampled By: CDN

Water Level and Well Data

- 1) Depth to water from measuring point NA ft.
2) Depth to well bottom from measuring point NA ft.
3) Height of water column (h) NA ft.
4) Diameter of well 6 ft.

Well Purging and Sample Collection

- 1) Purge Method Outside spigot
2) Sample Method Outside spigot
3) Purge Time 0:15
4) Was well purged DRY? YES [] NO [X]
5) Does water supply have a treatment system? YES [X] NO []
6) What type of treatment system? RO
7) Was sample collected prior to treatment system? YES [X] NO []

Field Analysis

- 1) Temperature °C
2) Specific Conductance umhos/cm
3) pH
4) Dissolved Oxygen
5) ORP
6) Physical Apperance and Odor Clear
7) Comments



TRIGON|KLEINFELDER, INC.

Client: Hancock Hams
Project Number: 049-08-011

WATER WELL SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: Gibson (3)
Locked: Yes [X] No []
PVC [] Steel [X] Stainless Steel []
Measuring point description: NA

Purge Date: 1/14/2009
Purge Time: 12:45 to 13:00
Sample Date: 1/14/2009
Sample Time: 13:00
Sampled By: CDN

Water Level and Well Data

- 1) Depth to water from measuring point NA ft.
2) Depth to well bottom from measuring point NA ft.
3) Height of water column (h) NA ft.
4) Diameter of well 6 ft.

Well Purging and Sample Collection

- 1) Purge Method Outside spigot
2) Sample Method Outside spigot
3) Purge Time 0:15
4) Was well purged DRY? YES [] NO [X]
5) Does water supply have a treatment system? YES [X] NO []
6) What type of treatment system? RO
7) Was sample collected prior to treatment system? YES [X] NO []

Field Analysis

- 1) Temperature °C
2) Specific Conductance umhos/cm
3) pH
4) Dissolved Oxygen
5) ORP
6) Physical Appearance and Odor Clear
7) Comments



TRIGON|KLEINFELDER, INC.

Client: Hancock Hams
Project Number: 049-08-011

WATER WELL SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: Presnell (4)
Locked: Yes [X] No []
PVC [] Steel [X] Stainless Steel []
Measuring point description: NA

Purge Date: 1/14/2009
Purge Time: 12:50 to 13:00
Sample Date: 1/14/2009
Sample Time: 13:00
Sampled By: CDN

Water Level and Well Data

- 1) Depth to water from measuring point NA ft.
2) Depth to well bottom from measuring point NA ft.
3) Height of water column (h) NA ft.
4) Diameter of well 6 ft.

Well Purging and Sample Collection

- 1) Purge Method Outside spigot
2) Sample Method Outside spigot
3) Purge Time 0:10
4) Was well purged DRY? YES [] NO [X]
5) Does water supply have a treatment system? YES [X] NO []
6) What type of treatment system? RO
7) Was sample collected prior to treatment system? YES [X] NO []

Field Analysis

- 1) Temperature °C
2) Specific Conductance µmhos/cm
3) pH
4) Dissolved Oxygen
5) ORP
6) Physical Apperance and Odor Clear
7) Comments



TRIGON|KLEINFELDER, INC.

Client: Hancock Hams
Project Number: 049-08-011

WATER WELL SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: Jester (5)
Locked: Yes [X] No []
PVC [] Steel [X] Stainless Steel []
Measuring point description: NA

Purge Date: 1/14/2009
Purge Time: 12:30 to 12:40
Sample Date: 1/14/2009
Sample Time: 12:40
Sampled By: CDN

Water Level and Well Data

- 1) Depth to water from measuring point NA ft.
2) Depth to well bottom from measuring point NA ft.
3) Height of water column (h) NA ft.
4) Diameter of well 6 ft.

Well Purging and Sample Collection

- 1) Purge Method Outside spigot
2) Sample Method Outside spigot
3) Purge Time 0:10
4) Was well purged DRY? YES [] NO [X]
5) Does water supply have a treatment system? YES [X] NO []
6) What type of treatment system? RO
7) Was sample collected prior to treatment system? YES [X] NO []

Field Analysis

- 1) Temperature °C
2) Specific Conductance μmhos/cm
3) pH
4) Dissolved Oxygen
5) ORP
6) Physical Apperance and Odor Clear
7) Comments



TRIGON|KLEINFELDER, INC.

Client: Hancock Hams
Project Number: 049-08-011

WATER WELL SAMPLING FIELD DATA

Location: Franklinville, North Carolina
Source/Well: Brown (7)
Locked: Yes [X] No []
PVC [] Steel [X] Stainless Steel []
Measuring point description: NA

Purge Date: 1/14/2009
Purge Time: 12:20 to 12:30
Sample Date: 1/14/2009
Sample Time: 12:30
Sampled By: CDN

Water Level and Well Data

- 1) Depth to water from measuring point NA ft.
2) Depth to well bottom from measuring point NA ft.
3) Height of water column (h) NA ft.
4) Diameter of well 6 ft.

Well Purging and Sample Collection

- 1) Purge Method Outside spigot
2) Sample Method Outside spigot
3) Purge Time 0:10
4) Was well purged DRY? YES [] NO [X]
5) Does water supply have a treatment system? YES [X] NO []
6) What type of treatment system? RO
7) Was sample collected prior to treatment system? YES [X] NO []

Field Analysis

- 1) Temperature °C
2) Specific Conductance umhos/cm
3) pH
4) Dissolved Oxygen
5) ORP
6) Physical Apperance and Odor Clear
7) Comments

APPENDIX C



Mr. Craig Neil
Trigon Engineering
6200 Harris Technology Blvd.
Charlotte NC 28269

Report Number: G118-547

Client Project: Hancock Hams

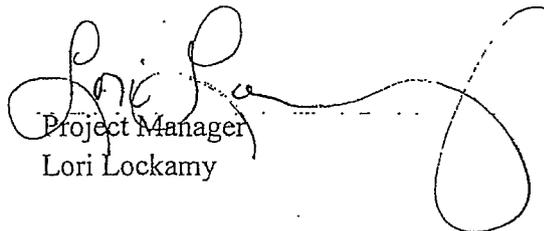
Dear Mr. Neil:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call SGS at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS Environmental Services for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS Environmental Services, Inc.


Project Manager
Lori Lockamy

1/27/09
Date

List of Reporting Abbreviations
And Data Qualifiers

- .B = Compound also detected in batch blank
- BQL = Below Quantification Limit (RL or MDL)
- DF = Dilution Factor
- Dup = Duplicate
- D = Detected, but RPD is > 40% between results in dual column method.
- E = Estimated concentration, exceeds calibration range.
- J = Estimated concentration, below calibration range and above MDL
- LCS(D) = Laboratory Control Spike (Duplicate)
- MDL = Method Detection Limit
- MS(D) = Matrix Spike (Duplicate)
- PQL = Practical Quantitation Limit
- RL/CL = Reporting Limit / Control Limit
- RPD = Relative Percent Difference
- mg/kg = milligram per kilogram, ppm, parts per million
- ug/kg = micrograms per kilogram, ppb, parts per billion
- mg/L = milligram per liter, ppm, parts per million
- ug/L = micrograms per liter, ppb, parts per billion
- % Rec = Percent Recovery
- % solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.021808.4

Results for Anions
by IC 300.0

Client Sample ID: MW-1S
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-1D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	1040	300	1000	1/22/2009

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: MW-1D
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-2D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	1010	300	1000	1/22/2009

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: RW-1
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-3D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	711	30.0	100	1/21/2009

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: RW-2

Analyzed By: CRN

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-4D

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	472	30.0	100	1/21/2009

Comments:

All values corrected for dilution.

BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: RW-3
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-5D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	1230	300	1000	1/22/2009

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: RW-4
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-6D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	190	30.0	100	1/21/2009

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: RW-5
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-7D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	226	30.0	100	1/21/2009

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: RW-6
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-8D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	239	30.0	100	1/21/2009

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: RW-7
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-9D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	190	30.0	100	1/21/2009

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: Beal-1
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-10D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	226	30.0	100	1/21/2009

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: Norman-2
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-11D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	6.69	3.00	10	1/20/2009

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: Gibson-3
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-12D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	17.3	3.00	10	1/20/2009

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: Presnell-4
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-13D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	81.4	3.00	10	1/20/2009

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: Jester-5
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-14D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	41.9	3.00	10	1/20/2009

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: Brown-7
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-15D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	205	30.0	100	1/21/2009

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: ERW-8
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-16D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	101	30.0	100	1/21/2009

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: Stream-Up
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-17D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	25.1	3.00	10	1/20/2009

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: Stream-Mid
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-18D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	62.5	3.00	10	1/20/2009

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Anions
by IC 300.0

Client Sample ID: Stream-Lower
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-19D
Lab Project ID: G118-547

Analyzed By: CRN
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result mg/L	RL mg/L	Dilution Factor	Date Analyzed
Chloride	77.2	3.00	10	1/20/2009

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
IC_WA.XLS

Results for Volatiles
by GC 602

Client Sample ID: MW-1S

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-1A

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/23/2009
Diisopropyl ether (DIPE)	BQL	1.00	1	1/23/2009
Ethylbenzene	BQL	1.00	1	1/23/2009
Methyl-tert butyl ether (MTBE)	BQL	1.00	1	1/23/2009
Toluene	BQL	1.00	1	1/23/2009
m/p-Xylene	BQL	2.00	1	1/23/2009
o-Xylene	BQL	1.00	1	1/23/2009

Surrogate Spike Recoveries

	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.8	99.6

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Results for Volatiles
by GC 602

Client Sample ID: MW-1D

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-2A

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/23/2009
Diisopropyl ether (DIPE)	BQL	1.00	1	1/23/2009
Ethylbenzene	BQL	1.00	1	1/23/2009
Methyl-tert butyl ether (MTBE)	BQL	1.00	1	1/23/2009
Toluene	BQL	1.00	1	1/23/2009
m/p-Xylene	BQL	2.00	1	1/23/2009
o-Xylene	BQL	1.00	1	1/23/2009
Surrogate Spike Recoveries		Spike Added	Spike Result	Percent Recovery
Trifluorotoluene		40	40.4	101

Comments:

All values corrected for dilution.

BQL = Below quantitation limit.

Results for Volatiles
by GC 602

Client Sample ID: RW-1
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-3A
Lab Project ID: G118-547

Analyzed By: RSB
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/23/2009
Diisopropyl ether (DIPE)	BQL	1.00	1	1/23/2009
Ethylbenzene	BQL	1.00	1	1/23/2009
Methyl-tert butyl ether (MTBE)	BQL	1.00	1	1/23/2009
Toluene	BQL	1.00	1	1/23/2009
m/p-Xylene	BQL	2.00	1	1/23/2009
o-Xylene	BQL	1.00	1	1/23/2009

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.4	101

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Results for Volatiles
by GC 602

Client Sample ID: RW-2

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-4A

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/23/2009
Diisopropyl ether (DIPE)	2.27	1.00	1	1/23/2009
Ethylbenzene	BQL	1.00	1	1/23/2009
Methyl-tert butyl ether (MTBE)	BQL	1.00	1	1/23/2009
Toluene	BQL	1.00	1	1/23/2009
m/p-Xylene	BQL	2.00	1	1/23/2009
o-Xylene	BQL	1.00	1	1/23/2009
Surrogate Spike Recoveries		Spike Added	Spike Result	Percent Recovery
Trifluorotoluene		40	39.8	99.4

Comments:

All values corrected for dilution.

BQL = Below quantitation limit.

Results for Volatiles
by GC 602

Client Sample ID: RW-3

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-5A

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	2.87	1.00	1	1/23/2009
Diisopropyl ether (DIPE)	5.93	1.00	1	1/23/2009
Ethylbenzene	1.70	1.00	1	1/23/2009
Methyl-tert butyl ether (MTBE)	BQL	2.00	1	1/23/2009
Toluene	4.33	1.00	1	1/23/2009
m/p-Xylene	6.53	2.00	1	1/23/2009
o-Xylene	4.33	2.00	1	1/23/2009
Surrogate Spike Recoveries		Spike Added	Spike Result	Percent Recovery
Trifluorotoluene		40	46.9	117 #

Comments:

All values corrected for dilution.

BQL = Below quantitation limit.

= Surrogate failure confirmed by duplicate analysis.

Results for Volatiles
by GC 602

Client Sample ID: RW-4

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-6B

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/26/2009
Diisopropyl ether (DIPE)	1.37	1.00	1	1/26/2009
Ethylbenzene	BQL	1.00	1	1/26/2009
Methyl-tert butyl ether (MTBE)	BQL	2.00	1	1/26/2009
Toluene	BQL	1.00	1	1/26/2009
m/p-Xylene	BQL	2.00	1	1/26/2009
o-Xylene	BQL	2.00	1	1/26/2009

Surrogate Spike Recoveries

	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.7	99.4

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Results for Volatiles
by GC 602

Client Sample ID: RW-5

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-7A

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/26/2009
Diisopropyl ether (DIPE)	BQL	1.00	1	1/26/2009
Ethylbenzene	BQL	1.00	1	1/26/2009
Methyl-tert butyl ether (MTBE)	BQL	2.00	1	1/26/2009
Toluene	BQL	1.00	1	1/26/2009
m/p-Xylene	BQL	2.00	1	1/26/2009
o-Xylene	BQL	2.00	1	1/26/2009

Surrogate Spike Recoveries

	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	38.4	96

Comments:

All values corrected for dilution.

BQL = Below quantitation limit.

Results for Volatiles
by GC 602

Client Sample ID: RW-6

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-8A

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	19.4	5.00	5	1/26/2009
Diisopropyl ether (DIPE)	5.06	5.00	5	1/26/2009
Ethylbenzene	7.75	5.00	5	1/26/2009
Methyl-tert butyl ether (MTBE)	BQL	10.0	5	1/26/2009
Toluene	72.9	5.00	5	1/26/2009
m/p-Xylene	43.0	10.0	5	1/26/2009
o-Xylene	34.6	10.0	5	1/26/2009
Surrogate Spike Recoveries		Spike Added	Spike Result	Percent Recovery
Trifluorotoluene		40	40.0	100

Comments:

All values corrected for dilution.

BQL = Below quantitation limit.

Reviewed By: 

Results for Volatiles

by GC 602

Client Sample ID: RW-7

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-9A

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	174	16.0	16	1/23/2009
Diisopropyl ether (DIPE)	80.3	16.0	16	1/23/2009
Ethylbenzene	174	16.0	16	1/23/2009
Methyl-tert butyl ether (MTBE)	40.4	32.0	16	1/23/2009
Toluene	326	16.0	16	1/23/2009
m/p-Xylene	438	32.0	16	1/23/2009
o-Xylene	534	32.0	16	1/23/2009
Surrogate Spike Recoveries		Spike Added	Spike Result	Percent Recovery
Trifluorotoluene		40	44.7	112

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Results for Volatiles
by GC 602

Client Sample ID: Beal-1

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-10A

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/26/2009
Diisopropyl ether (DIPE)	3.97	1.00	1	1/26/2009
Ethylbenzene	BQL	1.00	1	1/26/2009
Methyl-tert butyl ether (MTBE)	BQL	2.00	1	1/26/2009
Toluene	BQL	1.00	1	1/26/2009
m/p-Xylene	BQL	2.00	1	1/26/2009
o-Xylene	BQL	2.00	1	1/26/2009

Surrogate Spike Recoveries

	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.9	99.8

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Results for Volatiles
by GC 602

Client Sample ID: Norman-2

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-11A

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/26/2009
Diisopropyl ether (DIPE)	BQL	1.00	1	1/26/2009
Ethylbenzene	BQL	1.00	1	1/26/2009
Methyl-tert butyl ether (MTBE)	BQL	2.00	1	1/26/2009
Toluene	BQL	1.00	1	1/26/2009
m/p-Xylene	BQL	2.00	1	1/26/2009
o-Xylene	BQL	2.00	1	1/26/2009

Surrogate Spike Recoveries

	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.7	99.3

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

SGS Environmental Services, Inc.

Results for Volatiles
by GC 602

Client Sample ID: Gibson-3

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-12A

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/26/2009
Diisopropyl ether (DIPE)	BQL	1.00	1	1/26/2009
Ethylbenzene	BQL	1.00	1	1/26/2009
Methyl-tert butyl ether (MTBE)	BQL	2.00	1	1/26/2009
Toluene	BQL	1.00	1	1/26/2009
m/p-Xylene	BQL	2.00	1	1/26/2009
o-Xylene	BQL	2.00	1	1/26/2009

Surrogate Spike Recoveries

	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	38.5	96.1

Comments:

All values corrected for dilution.

BQL = Below quantitation limit.

Results for Volatiles
by GC 602

Client Sample ID: Presnell-4

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-13A

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/26/2009
Diisopropyl ether (DIPE)	BQL	1.00	1	1/26/2009
Ethylbenzene	BQL	1.00	1	1/26/2009
Methyl-tert butyl ether (MTBE)	BQL	2.00	1	1/26/2009
Toluene	BQL	1.00	1	1/26/2009
m/p-Xylene	BQL	2.00	1	1/26/2009
o-Xylene	BQL	2.00	1	1/26/2009

Surrogate Spike Recoveries

	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	38.8	97.1

Comments:

All values corrected for dilution.

BQL = Below quantitation limit.

Results for Volatiles

by GC 602

Client Sample ID: Jester-5

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-14A

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/26/2009
Diisopropyl ether (DIPE)	BQL	1.00	1	1/26/2009
Ethylbenzene	BQL	1.00	1	1/26/2009
Methyl-tert butyl ether (MTBE)	BQL	2.00	1	1/26/2009
Toluene	BQL	1.00	1	1/26/2009
m/p-Xylene	BQL	2.00	1	1/26/2009
o-Xylene	BQL	2.00	1	1/26/2009

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.7	99.3

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Results for Volatiles
by GC 602

Client Sample ID: Brown-7
 Client Project ID: Hancock Hams
 Lab Sample ID: G118-547-15A
 Lab Project ID: G118-547

Analyzed By: RSB
 Date Collected: 1/14/2009
 Date Received: 1/16/2009
 Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/26/2009
Diisopropyl ether (DIPE)	BQL	1.00	1	1/26/2009
Ethylbenzene	BQL	1.00	1	1/26/2009
Methyl-tert butyl ether (MTBE)	BQL	2.00	1	1/26/2009
Toluene	BQL	1.00	1	1/26/2009
m/p-Xylene	BQL	2.00	1	1/26/2009
o-Xylene	BQL	2.00	1	1/26/2009

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.6	98.9

Comments:
 All values corrected for dilution.
 BQL = Below quantitation limit.

SGS Environmental Services, Inc.

Results for Volatiles

by GC 602

Client Sample ID: ERW-8

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-16A

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/26/2009
Diisopropyl ether (DIPE)	BQL	1.00	1	1/26/2009
Ethylbenzene	BQL	1.00	1	1/26/2009
Methyl-tert butyl ether (MTBE)	BQL	2.00	1	1/26/2009
Toluene	BQL	1.00	1	1/26/2009
m/p-Xylene	BQL	2.00	1	1/26/2009
o-Xylene	BQL	2.00	1	1/26/2009

Surrogate Spike Recoveries

	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.2	101

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 

GC5_WA.XLS

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Results for Volatiles

by GC 602

Client Sample ID: Stream-Up

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-17A

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/26/2009
Diisopropyl ether (DIPE)	BQL	1.00	1	1/26/2009
Ethylbenzene	BQL	1.00	1	1/26/2009
Methyl-tert butyl ether (MTBE)	BQL	2.00	1	1/26/2009
Toluene	BQL	1.00	1	1/26/2009
m/p-Xylene	BQL	2.00	1	1/26/2009
o-Xylene	BQL	2.00	1	1/26/2009

Surrogate Spike Recoveries

	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.0	97.4

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Results for Volatiles
by GC 602

Client Sample ID: Stream-Mid

Analyzed By: RSB

Client Project ID: Hancock Hams

Date Collected: 1/14/2009

Lab Sample ID: G118-547-18A

Date Received: 1/16/2009

Lab Project ID: G118-547

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/26/2009
Diisopropyl ether (DIPE)	BQL	1.00	1	1/26/2009
Ethylbenzene	BQL	1.00	1	1/26/2009
Methyl-tert butyl ether (MTBE)	BQL	2.00	1	1/26/2009
Toluene	BQL	1.00	1	1/26/2009
m/p-Xylene	BQL	2.00	1	1/26/2009
o-Xylene	BQL	2.00	1	1/26/2009

Surrogate Spike Recoveries

	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	38.4	96

Comments:

All values corrected for dilution.
BQL = Below quantitation limit.

Results for Volatiles
by GC 602

Client Sample ID: Stream-Lower
Client Project ID: Hancock Hams
Lab Sample ID: G118-547-19A
Lab Project ID: G118-547

Analyzed By: RSB
Date Collected: 1/14/2009
Date Received: 1/16/2009
Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Benzene	BQL	1.00	1	1/26/2009
Diisopropyl ether (DIPE)	BQL	1.00	1	1/26/2009
Ethylbenzene	BQL	1.00	1	1/26/2009
Methyl-tert butyl ether (MTBE)	BQL	2.00	1	1/26/2009
Toluene	BQL	1.00	1	1/26/2009
m/p-Xylene	BQL	2.00	1	1/26/2009
o-Xylene	BQL	2.00	1	1/26/2009
Surrogate Spike Recoveries		Spike Added	Spike Result	Percent Recovery
Trifluorotoluene		40	38.6	96.4

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
GC-VOA_WA.XLS
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1 CLIENT: <u>Trigon / Klein felder</u>					SGS Reference: <u>G: 8-547</u>					PAGE <u>1</u> OF <u>2</u>					
CONTACT: <u>Craig Neil</u>			PHONE NO: <u>(704) 598-1049</u>			No CONTAINERS Preservatives Used: + + + Analysis Required: C= COMP G= GRAB <u>(3)</u> <u>DOZ</u> <u>MTBE</u> <u>DIPE</u> <u>Chlorides</u>									
PROJECT: <u>Hancock Hams</u>			SITE/PWSID #: <u>99197</u>												
REPORTS TO: <u>Craig Neil</u>			E-MAIL:												
INVOICE TO: <u>Craig Neil</u>			QUOTE #												
2			P.O. NUMBER			REMARKS									
LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS						SAMPLE TYPE	Preservatives Used	Analysis Required	C= COMP	G= GRAB
<u>RW-13</u>		<u>1/16/09</u>		<u>Water</u>	<u>4</u>						<u>G</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>MW-10</u>		<u>From Sample Labels</u>													
<u>RW-1</u>		<u>1/16/09</u>													
<u>RW-2</u>															
<u>RW-3</u>															
<u>RW-4</u>															
<u>RW-5</u>															
<u>RW-6</u>															
<u>RW-7</u>															
<u>Beal-1</u>															
3 Collected/Relinquished By: (1)		Date	Time	Received By:		Date	Time	Shipping Carrier:		Samples Received Cold? (Circle) YES NO					
Relinquished By: (2)		Date	Time	Received By:		Date	Time	Shipping Ticket No:		Temperature (C): <u>29</u>					
Relinquished By: (3)		Date	Time	Received By:		Date	Time	Special Deliverable Requirements:		Chain of Custody Seal: (Circle) INTACT BROKEN <u>ABSENT</u>					
Relinquished By: (4)		Date	Time	Received By:		Date	Time	Special Instructions:		Requested Turnaround Time:					
Received Stream UP, Stream Mid, Stream Lower not on COC. Did not receive Hancock pre, Hancock post. 1/16/09								<input type="checkbox"/> RUSH		<input type="checkbox"/> STD					
Date Needed															

N.C. Certification #481

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1 CLIENT: Trigon / Kleinfelder SGS Reference: G118-547 PAGE 2 OF 2

CONTACT: Craig Neil PHONE NO. (704) 598-1049

PROJECT: Hancock Hams SITE/PWSID#: 99197

REPORTS TO: Craig Neil E-MAIL: _____

INVOICE TO: Craig Neil QUOTE # _____

P.O. NUMBER _____

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	CONTAINERS	Preservatives Used				REMARKS	
						602	MTBE	DIPE	Chlorides		
<u>Norman-2</u>		<u>1/14</u>		<u>water</u>	<u>A</u>	<u>B</u>	X	X	X	X	
<u>Wilson-3</u>		<u>taken from sample labels 1/14</u>					X	X	X	X	
<u>Peasnell-4</u>							X	X	X	X	
<u>Jester-5</u>							X	X	X	X	
<u>Hancock-6</u>	<u>Not received in</u>						X	X	X	X	
<u>Hancock-6a</u>	<u>Not received in</u>						X	X	X	X	
<u>Brown-7</u>							X	X	X	X	
<u>ERW-8</u>							X	X	X	X	
<u>stream-up</u>							X	X	X	X	
<u>stream-mud</u>							X	X	X	X	
<u>stream-lower</u>							X	X	X	X	

2

3

4

5

Collected/Relinquished By: (1) _____ Date _____ Time _____ Received By: [Signature] Date 1/16/09 Time 10:16

Relinquished By: (2) _____ Date _____ Time _____ Received By: _____ Date _____ Time _____

Relinquished By: (3) _____ Date _____ Time _____ Received By: _____ Date _____ Time _____

Relinquished By: (4) _____ Date _____ Time _____ Received By: _____ Date _____ Time _____

Shipping Carrier: _____ Samples Received Cold? (Circle) YES NO

Shipping Ticket No: _____ Temperature (C): 2.9 F _____

Special Deliverable Requirements: _____ Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions: stream - (cup, mch, lance) added to Col per C. Neil. 1/19

Requested Turnaround Time: _____

RUSH _____ Date Needed _____ STD

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