DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Golder Associates NC, Inc. on behalf of WCA of High Point, LLC

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: David Y. Reedy II, P.G. Phone: 336-852-4903

E-mail: dreedy@golder.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
WCA of High Point C&D Landfill	5830 Riverdale Drive, Jamestown, NC 27282	41-16	.0500	January 29-30, 2008

Environmental Status: (Check all that apply)

☐ Initial/Background Monitoring ☒ Detection Monitoring ☐ Assessment Monitoring ☐ Corrective Action

Type of data submitted: (Check all that apply)

☒ Groundwater monitoring data from monitoring wells
☐ Groundwater monitoring data from private water supply wells
☐ Leachate monitoring data
☒ Surface water monitoring data
☐ Methane gas monitoring data
☐ Corrective action data (specify) _____
☐ Other(specify)

Notification attached?

☐ No. No groundwater or surface water standards or explosive methane gas limits were exceeded.
☒ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

David Y. Reedy II, P.G.	Project Hydrogeologist	(336) 852-4903
Facility Representative Name (Print)	Title	(Area Code) Telephone Number

Signature: David Y. Reedy II Date: 3-25-08

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 1963 GEOLOGIST DAVID YATES REEDY II
David Y. Reedy II 3-25-08

Revised 10/2006

Golder Associates NC, Inc.

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Greensboro, NC 27407
Telephone (336) 852-4903
Fax (336) 852-4904

March 25, 2008

Project No. 053-6692008.100

WCA Waste Corporation
5830 Riverdale Drive
Jamestown, NC 27282

Attention: Mr. Nick Marotta
Regional Engineer

Re: Water Quality Monitoring Report, First Semi-Annual 2008 Sampling Event WCA of High Point Construction and Demolition Landfill, Permit No. 92-31 Guilford County, North Carolina

Dear Nick:

Golder Associates NC, Inc. (Golder) is submitting this *Water Quality Monitoring Report,* which documents the results of the January 29-30, 2008, compliance monitoring event at the WCA of High Point Construction and Demolition Landfill.

Currently, WCA has chosen to voluntarily monitor groundwater for parameters in accordance with Title 15A NCAC 13B.0544 of the North Carolina Solid Waste Management Rules (NCSWMR). As presented, barium, cobalt, iron, manganese, and chloride were detected above the Solid Waste Section Limits (SWSLs) in one or more downgradient monitoring wells at the facility during this event.

As presented in the enclosed report, the barium concentrations in downgradient wells were below the inter-well or intra-well statistical limits. It should be noted that the barium detections appear to be an artifact of the recently revised lower reporting limits. Insufficient data exist to statistically evaluate the concentrations of cobalt, iron, manganese, and chloride. Future data will help determine the statistical significance of these detections.

No organic constituents were detected in groundwater at the facility above the SWSLs during the January 2008 monitoring event. Zinc was detected at concentrations above the SWSLs in multiple surface water samples collected at the facility during the January 2008 monitoring event, and was detected above the applicable surface water standard in upstream monitoring point SW-1.

Based on these results, WCA will continue monitoring this facility in accordance with the requirements of the Detection Monitoring Program for Construction & Demolition Landfills as

outlined in Title 15A NCAC 13B.0544. The next event is scheduled for July 2008. If you have any questions, please contact Dusty Reedy or Rachel Kirkman at 336-852-4903.

Sincerely,
GOLDER ASSOCIATES NC, INC.

David "Dusty" Y. Reedy II, P.G.
Project Hydrogeologist

Rachel P. Kirkman, P.G.
Senior Project Geologist

Enclosure

Cc: Mike McFeeley, Landfill Manager, WCA of High Point, 5830 Riverdale Drive, Jamestown, NC 27282, 336-886-3560

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WATER QUALITY MONITORING REPORT
FIRST SEMI-ANNUAL 2008 SAMPLING EVENT

WCA OF HIGH POINT CONSTRUCTION AND DEMOLITION LANDFILL, PERMIT NO. 41-16
GUILFORD COUNTY, NORTH CAROLINA

MARCH 2008

PREPARED FOR:

WCA OF HIGH POINT
5830 RIVERDALE DRIVE
JAMESTOWN, NORTH CAROLINA 27282

PREPARED BY:

GOLDER ASSOCIATES NC, INC.
4900 KOGER BOULEVARD, SUITE 140
GREENSBORO, NORTH CAROLINA 27407
PROJECT NO. 053-6692008.100

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Drawing 1 Groundwater Contour Map, January 29, 2008

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1.0 INTRODUCTION

This report summarizes the monitoring results from the January 29-30, 2008, groundwater, surface water sampling and analysis event at the WCA Waste Corporation (WCA) Construction & Demolition (C&D) Landfill in Guilford County, North Carolina in accordance with Title 15A of the North Carolina Administrative Code (NCAC) Subchapter 13B.0544. The WCA of High Point Landfill, an active C&D landfill, is owned and operated by WCA of High Point, LLC under Permit No. 41-16 issued by the North Carolina (NC) Department of Environment and Natural Resources (DENR).

1.1 Site Description and Background

The location of the facility is shown on the inlay on Drawing 1. As presented, the WCA of High Point C&D Landfill is located along Riverdale Drive within the city limits of Jamestown in Guilford County, North Carolina. The site consists of approximately 154 acres, of which, approximately 12 acres is currently permitted as the Phase 1 waste unit.

There are three small unnamed streams that traverse the site and flow into an unnamed tributary of Richland Creek, which forms the southern property boundary as shown on Drawing 1. The first unnamed tributary is a southwest trending stream that forms the northwestern property boundary. The second tributary is a southwest trending drainage in the center of the property and lies just east of the proposed Phase 2 waste unit. The third tributary is a southwest trending drainage in the eastern portion of the site. A large man-made pond is located near the eastern property boundary. A small storm water basin was constructed in the northwest corner of the facility and a larger storm water basin was constructed along the southwestern part of the site during the construction of Phase 1.

Topographic surface elevations at the facility range from approximately 700 to 820 feet above mean sea level. The western portion of the site mainly consisted of trees and heavy brush before Phase 1 of the C&D landfill was constructed. Now, most of that area consists of landfill operations. The eastern portion of the site has historically been used for agricultural purposes. A reclamation facility is now located at the northernmost part of the site. A large portion of the surrounding properties are agricultural or owned by the City of High Point for operations associated with Kersey Valley Landfill.

1.2 Compliance Monitoring History

Groundwater monitoring at the facility was initiated in October 2003 after approval of the Groundwater Monitoring Plan by the NC DENR. Currently the facility's monitoring network is comprised of six monitoring wells (MW-1, MW-2, MW-3, MW-4S, MW-5, and MW-6), which monitor the uppermost aquifer beneath the facility. Monitoring wells MW-7S and MW-8 were installed in July 2006 as part of the proposed monitoring network for the proposed Phase 2 expansion at the facility. Monitoring wells MW-7S and MW-8 are currently in background

monitoring at the facility; the January 2008 event was the third background sampling event for these wells.

In addition to the groundwater monitoring points, the facility's monitoring network includes four surface water sampling points, SW-1 and SW-3, which are upstream from the waste area and SW-2 and SW-4, which are downstream monitoring points. These points are sampled in conjunction with the groundwater monitoring wells in accordance with the facility's permit.

1.3 Hydrogeologic Setting

Geologically, the facility is located within the Carolina Slate Belt of the Piedmont Physiographic Province of North Carolina (NCGS, 1985). Generally, the Carolina Slate Belt consists of Late Proterozoic to Cambrian volcanic and greenschist-facies metasedimentary rocks intruded by plutonic suites (Butler and Secor, 1991). The site geology is characterized by a regional-scale felsic intrusive complex, which consists mainly of white to gray, fine- to coarse-grained, massive to foliated metamorphosed granitic rocks. The region is characterized by regional and small scale Mesozoic diabase dikes.

The uppermost groundwater beneath the facility is present in a shallow, unconfined aquifer comprised of saprolite, partially weathered rock (PWR), and granitic bedrock. Groundwater occurs at depths of approximately 25 feet below grade along the northern upgradient side of the waste disposal area, and at a depth of less than 10 feet below grade along the perimeter downgradient boundary. Depth-to-water measurements obtained during the January 2008 monitoring event and summarized in Table 1, were used to prepare a groundwater surface contour map presented on Drawing 1.

Surface water and groundwater at the site generally flows south to southwest towards a tributary of Richland Creek. Richland Creek is approximately 1300 feet south of the site and flows to the Deep River, which is approximately 0.5 miles from the site. Groundwater beneath the site flows in three distinguishable and vertically interconnected hydrogeologic units; saprolite, PWR, and bedrock. The groundwater surface contour map and interpreted flow directions are consistent with previously submitted interpretations for this facility.

Based on the January 29, 2008, groundwater surface contour map, the hydraulic gradient in the shallow aquifer underlying the site, as measured along the conceptual flow path shown on the contour map, was calculated to be approximately 0.049 feet per foot. Groundwater velocities were calculated using a hydraulic conductivity of 1.37E-05, which is the geometric mean of the hydraulic conductivities for each of the hydrogeologic units present at the facility. The estimated effective porosity of the shallow aquifer is expected to range from 0.20 (saprolite) to 0.09 (fractured rock). The effective porosity of the fractured rock was used in calculations to provide a conservative estimate of groundwater flow.

Using the above values, the estimated rate of groundwater flow for the uppermost aquifer beneath the facility was calculated using the following modified Darcy equation:

$$V_{gw} = Ki/n_e$$

where V_{gw} = average linear velocity (feet/year), K = hydraulic conductivity (feet/year), i = horizontal hydraulic gradient, and n_e = effective porosity.

The average estimated linear groundwater flow velocity under the waste management unit is approximately 7.7 feet/year, which is consistent with previous estimates (Table 3). The range of groundwater flow is expected to vary depending on the hydrogeologic unit in which it occurs. The linear velocity equation above makes the simplified assumptions of a homogeneous and isotropic aquifer. Therefore, this equation can grossly overestimate groundwater velocity when applied to heterogeneous and/or anisotropic conditions, such as in the saprolite wells used for gradient estimates at this site. The saprolite may have areas that exhibit relict foliation and these structures can result in locally anisotropic groundwater flow directions.

2.0 FIELD PROGRAM, MONITORING RESULTS, AND DISCUSSION

Field activities conducted as part of the January 2008 sampling event are discussed in the following sections.

2.1 Visual Inspection Program

In order to ensure that a potential release is detected at the earliest possible time, the visual inspection program is used by Golder personnel during the January 2008 sampling event at the WCA of High Point C&D Landfill. This program includes physical indicators such as potential water table mounding beneath the waste management unit, physical examination of any stresses in biological communities, visible signs of leachate migration (i.e., leachate seeps), unexplained changes in soil characteristics, and any other change to the environment due to the waste management unit. During the January 2008 compliance monitoring event, no physical indicators of a potential release were observed in the vicinity of the waste management areas.

2.2 Well Network and Groundwater Elevation Measurements

The current approved network of groundwater monitoring wells at the facility consists of wells MW-1, MW-2, MW-3, MW-4S, MW-5, and MW-6. Monitoring well construction information is summarized on Table 4 and the well locations are shown on Drawing 1. The well locations were selected to yield groundwater samples representative of the conditions in the uppermost aquifer underlying the facility, and to monitor for potential releases from the landfill unit. Two upgradient (SW-1 and SW-3) and two downgradient (SW-2 and SW-4) surface water monitoring points are also monitored and are shown on Drawing 1.

Monitoring well MW-1 is the facility's background well and is located hydraulically upgradient of the waste disposal area. Monitoring wells MW-2, MW-3, MW-4S, MW-5, and MW-6 are located downgradient of the waste disposal area and represent the facility's downgradient

compliance wells. Monitoring wells MW-7S and MW-8 are downgradient monitoring wells for the proposed Phase 2 expansion. The well locations were selected to yield groundwater samples representative of the conditions in the uppermost aquifer underlying the facility and monitor for potential releases from the landfill unit.

Depth-to-water measurements were recorded to the nearest 0.01 foot prior to initiating groundwater purging and sampling activities. The respective groundwater level elevations for this event are presented in Table 1. The historical water level data are also shown on this table.

As presented, the data indicate that the hydraulic head level in the uppermost aquifer beneath the facility is fairly consistent, with temporal variation from the long-term average limited to approximately 6 feet (plus or minus). As expected, the range in fluctuation appears to be greater in the upgradient well MW-1, as this well is located in a groundwater recharge area. The range in fluctuation in downgradient compliance wells, which are located near groundwater discharge areas, is much less, presumably due to the stabilizing affect of the hydraulic discharge boundary.

2.3 January 2008 Groundwater Monitoring Event

Personnel from Golder visited the facility on January 29-30, 2008, to purge and sample monitoring wells MW-1, MW-2, MW-3, MW-4S, MW-5, MW-6, MW-7S, and MW-8, and to sample surface water monitoring points SW-1, SW-2, SW-3, and SW-4. Depth-to-water measurements were obtained from the network monitoring wells to the nearest 0.01 foot using an electronic water level indicator prior to purging the wells.

Monitoring wells were purged and sampled using low-flow sampling techniques from dedicated bladder pumps, which were installed on January 29, 2008. Measurements of temperature, pH, specific conductivity, dissolved oxygen, oxidation-reduction potential, and turbidity were recorded on approximately 2 to 4 minute intervals during the purge, depending on the purge rate. In general, the purge rate was matched to the yield of the monitoring well, as determined by continuously monitoring the depth-to-water, never allowing the purge rate to exceed 500 milliliters per minute. Purging was continued until stabilization was indicated by the water quality parameters. In general, stabilization was deemed to be complete once the range in measured values for the required water quality parameters was less than 10% per parameter over three monitoring intervals.

Prior to sampling, the laboratory-supplied sample containers were prepared. Each sample container was labeled with the sample identification number, sampling personnel, date and time of sample collection, project name and number, and requested chemical analyses.

The required groundwater samples were collected directly from the dedicated bladder pump discharge lines into the labeled, laboratory-supplied, pre-preserved sample containers after purging was completed based on stabilization of water quality parameters. After collection, the samples were placed in a cooler on ice, under chain-of-custody control. Copies of the sampling

logs are presented in Appendix I. Included in each log is a description of the sampling equipment, sampling method, field observations, and water quality measurements.

The surface water samples were collected directly from the stream flow, by lowering the sample containers into the stream flow with the opening facing into the current flow, taking care to prevent the over flow of the sample containers and to minimize sample-induced turbidity. Measurements of temperature, pH, specific conductivity, dissolved oxygen, oxidation-reduction potential, and turbidity were recorded during the collection of the surface water samples.

After collection, the samples were placed in a cooler on ice, under chain-of-custody control. Copies of the sampling logs are presented in Appendix I. Included in each log is a description of the sampling equipment, sampling method, field observations, and water quality measurements.

2.4 Laboratory Analysis Program

The January 29-30, 2008, groundwater and surface water samples were shipped to Environmental Conservation Laboratories, Inc. (ENCO) of Cary, North Carolina under chain-of-custody control for analysis. As presented, groundwater samples at the facility were analyzed for NC Appendix I plus several indicator parameters specific to the new C&D rules effective January 1, 2007. The surface water samples at the facility were analyzed for the NC Appendix I list of constituents. The samples were received at the laboratory on January 31, 2008, in good condition and properly preserved.

2.5 January 2008 Sampling Results

Analytical results for the January 2008 groundwater and surface water samples are summarized in Table 5 and Table 6 with available historical data. The laboratory certificates-of-analysis, chain-of-custody form and laboratory data reviews for the sampling event are included in Appendix II.

As presented, barium, cobalt, iron, manganese, and chloride were detected above the Solid Waste Section Limits (SWSLs) in one or more downgradient compliance monitoring wells at the facility during this event. No organic constituents were detected in groundwater at the facility above the SWSLs during the January 2008 monitoring event. Zinc was detected above the SWSL in surface water samples SW-1, SW-2, and SW-3 during the January 2008 monitoring event. No organic constituents detected above the SWSLs in surface water samples collected at the facility during the January 2008 monitoring event.

3.0 LABORATORY AND FIELD QA/QC

A field blank was collected by Golder personnel as part of the January 2008 sampling event. In addition to the field blank, a laboratory-prepared trip blank accompanied the volatile sample containers for the January 2008 sampling event to and from the laboratory. ENCO analyzed the field blank for NC Appendix I metals and volatile organic compounds (VOCs), and the trip blank

for Appendix I VOCs. Reviews of the laboratory data were performed by Golder personnel (included in Appendix II).

Barium and zinc were detected at estimated concentrations in the field blank. Arsenic was detected at an estimated concentration in the laboratory blank. Due to the detection of zinc in the field blank, the low concentrations of zinc detected in MW-1, MW-2, MW-3, MW-4S, MW-5, MW-6, and MW-8 should be considered blank-qualified.

4.0 DATA EVALUATION

The results of the data evaluations are presented in the following sections.

4.1 Statistical Evaluations

As presented, barium, cobalt, iron, manganese, and chloride were detected above their respective SWSLs in downgradient monitoring wells during this sampling event. Pursuant to the requirements of 15A NCAC 13B.0544, the concentrations of barium were statistically evaluated in accordance with the procedures outlined in 15A NCAC 13B.0544 (g) and (h) to determine if the reported concentrations exceeded the facility background concentration. The statistical worksheets are presented as Appendix III. Insufficient data exist to statistically evaluate the concentrations of cobalt, iron, manganese, and chloride.

As presented, the reported barium concentrations in wells MW-4S and MW-5 were below the inter-well statistical limit. The barium concentration in MW-2 was determined to be above the inter-well statistical limit, but below the intra-well statistical limit. It should be noted that the barium detections appear to be an artifact of the recently revised lower reporting limits.

4.2 North Carolina Groundwater and Surface Water Quality Standard Comparisons

As presented in Table 5, concentrations of iron in MW-1, MW-2, MW-4S, MW-5, MW-7S, and MW-8, and concentrations of manganese in MW-2, MW-5, MW-7S, and MW-8 exceeded their respective 2L Standards. Vanadium was detected at estimated concentrations above the Solid Waste Section Groundwater Protection Standard in MW-1, MW-4S, and MW-7S, as it has been during previous events. Since the concentrations in the downgradient wells are similar to the concentrations in the upgradient monitoring well and other background data for the facility, these are not interpreted to represent groundwater quality issues.

As shown on Table 6, the concentration of zinc in SW-1 was detected above the applicable surface waster standard during the January 2008 event. Since the surface water standard exceedance is in an upstream monitoring point, the exceedance is not interpreted to represent a water quality issue.

5.0 CONCLUSIONS

Based on the results summarized herein, WCA will continue monitoring this facility in accordance with the requirements of the Detection Monitoring Program for Construction & Demolition Landfills as outlined in Title 15A NCAC 13B.0544. The next groundwater monitoring event is scheduled for July 2008.

6.0 REFERENCES

Butler, J. Robert and Secor, Donald T., Jr., 1991, The Central Piedmont, in Horton, J. W., Jr., and Zullo, V.A., eds., The Geology of the Carolinas: The University of Tennessee Press, p. 59 - 78.

Joyce Engineering, Inc., 2002, *Hydrogeologic Report & Groundwater Monitoring Plan; Volume One; Site Application, Section II; MRR of High Point, LLC Construction and Demolition Debris Landfill, High Point, North Carolina*. Revised January 2003 and March 2003.

NCGS (North Carolina Geologic Survey), 1985. Geologic Map of North Carolina

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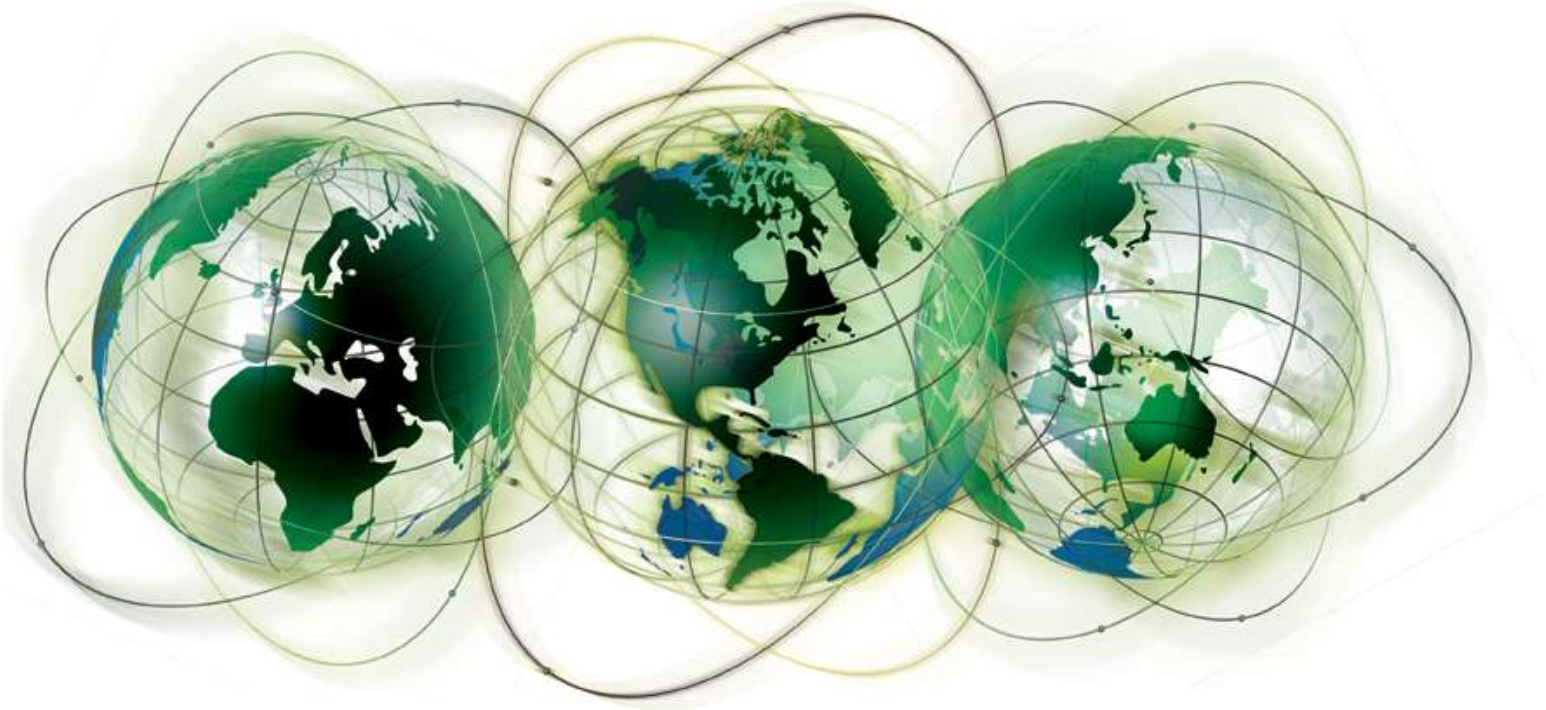


For more information, please contact:
GREENSBORO OFFICE **Golder Associates NC, Inc.** **The Wingate Building** **4900 Koger Blvd., Suite 140** **Greensboro, NC 27407** **(336) 852-4903**

TABLES

TABLE 1

Summary of Historical Groundwater Elevation Data in Monitoring Wells
WCA of High Point, LLC Construction and Demolition Landfill, Permit No. 41-16
Guilford County, North Carolina

	Monitoring Wells									
	MW-1	MW-2	MW-3	MW-4S	MW-4D	MW-5	MW-6	MW-7S	MW-7D	MW-8
TOC Elevation (ft AMSL)	813.17	754.85	755.48	733.76	734.23	747.83	735.23	761.20	763.27	762.60
Date	Static Groundwater Elevation (ft AMSL)									
10/8/2003	795.37	748.43	739.48	728.29	---	741.04	726.66	---	---	---
1/23/2004	794.77	747.88	738.90	727.76	---	734.88	724.26	---	---	---
7/8/2004	794.08	748.05	736.77	727.60	---	735.44	724.33	---	---	---
1/25/2005	793.29	748.15	738.53	727.91	---	736.18	724.23	---	---	---
7/6/2005	793.98	746.84	736.57	726.11	---	734.73	724.26	---	---	---
1/9/2006	789.97	748.75	737.23	728.24	734.13	735.94	725.70	---	---	---
7/12/2006	793.37	748.80	737.13	727.85	734.13	735.39	724.37	---	---	---
1/16/2007	793.91	748.44	739.11	728.41	734.13	736.28	726.22	730.35	731.98	760.20
7/2/2007	793.85	745.85	736.46	725.83	734.13	734.42	724.13	730.30	731.67	756.86
1/29/2008	790.49	747.84	736.72	727.88	734.13	735.79	725.13	728.25	730.07	758.03
MEAN	*793.31*	*747.90*	*737.69*	*727.59*	*734.13*	*736.01*	*724.93*	*729.63*	*731.24*	*758.36*
MAXIMUM	*795.37*	*748.80*	*739.48*	*728.41*	*734.13*	*741.04*	*726.66*	*730.35*	*731.98*	*760.20*
MINIMUM	*789.97*	*745.85*	*736.46*	*725.83*	*734.13*	*734.42*	*724.13*	*728.25*	*730.07*	*756.86*

Notes:
1. TOC = top of casing
2. ft AMSL = feet above mean sea level
3. Monitoring well MW-1 is the facility background well.
4. --- = no data available
5. Each water level for MW-4D was above ground surface, just below the top of casing.

TABLE 2

Summary of Estimated Horizontal Flow Velocities
WCA of High Point, LLC Construction and Demolition Landfill, Permit No. 41-16
Guilford County, North Carolina

January 2008							
Gradient Calculation Segment	**Flow Direction**	**Gradient Segment Length (feet)**	**Gradient Segment Elevations (feet)**	**Horizontal Gradient (i, feet)**	**Effective Porosity (n_e)**	**Hydraulic Conductivity (K, cm/sec)**	**Velocity (V_{gw}, feet/year)**
i_1	NW	629	790 / 760	0.0477	0.09	1.37E-05	7.51
i_2	SW	1455	790 / 730	0.0412	0.09	1.37E-05	6.49
i_3	SE	701	790 / 750	0.0571	0.09	1.37E-05	8.99

Notes:

1. Horizontal velocities based on the modified Darcy equation $V_{gw} = Ki/n_e$.
2. The geometric mean of K from individual well aquifer tests was used to calculate the hydraulic conductivity (tests conducted by Golder as part of the Phase 2 investigation not yet submitted).
3. The effective porosity for bedrock was used in velocity calculations.
4. cm/sec = centimeters per second

TABLE 3

Summary of Well Construction Information
WCA of High Point, LLC Construction and Demolition Landfill, Permit No. 41-16
Guilford County, North Carolina

WELL & PIEZOMETER NUMBER	DATE INSTALLED	CASING DIAMETER (inches)	WELL ELEVATIONS		TOTAL DEPTH DRILLED		SCREENED INTERVAL				LITHOLOGY OF SCREENED INTERVAL	STATUS
			GROUND SURFACE	T.O.C.	DEPTH (feet B.G.S.)	ELEV. (feet M.S.L.)	DEPTH (feet B.G.S.)		ELEVATION (feet M.S.L.)			
			feet above M.S.L.				from	to	from	to		
MW-1	09/29/03	2	809.79	813.17	30.0	779.79	15.0	30.0	794.79	779.79	Bedrock	Compliance Well
MW-2	09/30/03	2	752.30	754.85	16.5	735.80	6.5	16.5	745.80	735.80	PWR/Bedrock	Compliance Well
MW-3	10/02/03	2	752.65	755.48	27.0	725.65	12.0	27.0	740.65	725.65	PWR/Bedrock	Compliance Well
MW-4S	02/20/02	2	731.60	733.76	20.0	711.60	5.0	20.0	726.60	711.60	PWR/Bedrock	Compliance Well
MW-4D	02/19/02	2	731.88	734.23	80.0	651.88	60.0	80.0	671.88	651.88	Bedrock	Water Levels Only
MW-5	02/19/02	2	741.16	743.44	20.0	721.16	5.0	20.0	736.16	721.16	Saprolite/PWR/Bedrock	Compliance Well
MW-6	12/17/02	2	733.53	735.23	15.5	718.03	8.5	15.5	725.03	718.03	PWR/Bedrock	Compliance Well
MW-7S	07/13/06	2	761.20	763.52	45.0	716.20	30.0	45.0	731.20	716.20	PWR	Proposed Compliance Well
MW-7D	07/11/06	2	761.24	763.27	70.0	691.24	60.0	70.0	701.24	691.24	Bedrock	Proposed for Water Levels Only
MW-8	07/05/06	2	760.57	762.60	25.0	735.57	15.0	25.0	745.57	735.57	Bedrock	Proposed Compliance Well

Notes:
1. All elevations are referenced to mean sea level (M.S.L.); depths are referenced to ground surface (G.S.).
2. B.G.S. = below ground surface
3. T.O.C. = top of casing
4. PWR = partially weathered rock
5. MW-4S and MW-4D were installed as piezometers P-15S and P-15D, respectively, on February 19-20, 2002.
6. MW-5 was installed as piezometer P-12 on February 19, 2002.
7. MW-6 was installed as piezometer P-18 on December 17, 2002.
8. MW-7S and MW-7D were installed as piezometers P-30S and P-30D, respectively, on July 13 and 11, 2006.
9. MW-8 was installed as piezometer P-23 on July 5, 2006.

TABLE 4

Summary of Detected Constituents in Groundwater
WCA of High Point, LLC Construction and Demolition Landfill, Permit No. 41-16
Guilford County, North Carolina

Parameter	Reporting Units	Sample Date	Detection Limit	Quantitation Limit	SWS Reporting Limit	Upgradient	Downgradient							Blanks
						MW-1	MW-2	MW-3	MW-4S	MW-5	MW-6	MW-7S	MW-8	
Arsenic	ug/L	10/8/2003	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
NC 2L = 50 ug/L	ug/L	1/23/2004	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/8/2004	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/25/2005	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/6/2005	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/9/2006	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/12/2006	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/16/2007	2.0	10.0	10	ND	2.5 B	2.8 B	2.4 B	ND	ND	ND	ND	2.4 J
	ug/L	7/2/2007	3.6	10.0	10	ND	ND	ND	ND	5.1 J	ND	ND	ND	ND
	ug/L	1/30/2008	2.0	10.0	10	ND	ND	ND	ND	ND	ND	ND	ND	2.1 J
Barium	ug/L	10/8/2003	---	---	500	ND	ND	ND	ND	ND	ND	---	---	ND
NC 2L = 2000 ug/L	ug/L	1/23/2004	---	---	500	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/8/2004	---	---	500	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/25/2005	---	---	500	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/6/2005	---	---	50	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/9/2006	---	---	500	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/12/2006	---	---	500	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/16/2007	0.20	10.0	100	141	187	25.5 J	73.9 J	86.7 J	53.5 J	210	46.4 J	0.90 J
	ug/L	7/2/2007	1.0	10.0	100	137	338	29.4 J	33.4 J	87.8 J	57.5 J	230	42.4 J	1.2 J
	ug/L	1/30/2008	0.20	10.0	100	100	190	46.9 J	66.6 J	110	82.2 J	143	66.8 J	0.30 J
Chromium	ug/L	10/8/2003	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
NC 2L = 50 ug/L	ug/L	1/23/2004	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/8/2004	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/25/2005	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/6/2005	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/9/2006	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/12/2006	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/16/2007	2.0	10.0	10	2.2 J	ND	ND	ND	ND	ND	17.0	ND	ND
	ug/L	7/2/2007	1.7	10.0	10	ND	ND	ND	ND	ND	ND	19.0	ND	ND
	ug/L	1/30/2008	2.0	10.0	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	ug/L	1/16/2007	2.0	10.0	10	ND	14.6	ND	ND	3.0 J	5.9 J	3.9 J	ND	ND
SWS GPS = 70 ug/L	ug/L	7/2/2007	2.5	10.0	10	ND	27.4	ND	ND	4.7 J	ND	6.0 J	ND	ND
	ug/L	1/30/2008	2.0	10.0	10	ND	11.6	ND	ND	5.6 J	ND	ND	ND	ND
Copper	ug/L	1/16/2007	0.60	10.0	10	14.5	ND	ND	4.60 J	ND	ND	12.3	ND	ND
NC 2L = 1000 ug/L	ug/L	7/2/2007	1.8	10.0	10	8.8 J	ND	ND	ND	ND	ND	16.3	3.4 J	ND
	ug/L	1/30/2008	0.60	10.0	10	3.00 J	ND	ND	1.90 J	ND	ND	2.70 J	5.30 J	ND
Lead	ug/L	10/8/2003	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
NC 2L = 15 ug/L	ug/L	1/23/2004	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/8/2004	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/25/2005	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/6/2005	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/9/2006	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/12/2006	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/16/2007	2.0	10.0	10	ND	ND	ND	ND	ND	3.1 J	4.5 J	ND	ND
	ug/L	7/2/2007	3.1	10.0	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ug/L	1/30/2008	2.0	10.0	10	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

Summary of Detected Constituents in Groundwater
WCA of High Point, LLC Construction and Demolition Landfill, Permit No. 41-16
Guilford County, North Carolina

Parameter	Reporting Units	Sample Date	Detection Limit	Quantitation Limit	SWS Reporting Limit	Upgradient	Downgradient							Blanks
						MW-1	MW-2	MW-3	MW-4S	MW-5	MW-6	MW-7S	MW-8	
Nickel	ug/L	1/16/2007	2.0	10.0	50	3.8 J	ND	ND	ND	ND	ND	17.2 J	ND	ND
NC 2L = 100 ug/L	ug/L	7/2/2007	1.3	10.0	50	ND	3.0 J	ND	ND	ND	ND	19.0 J	ND	ND
	ug/L	1/30/2008	2.0	10.0	50	2.5 J	3.6 J	2.4 J	3.7 J	6.5 J	ND	6.0 J	3.3 J	ND
Selenium (Total)	ug/L	10/8/2003	---	---	20	ND	ND	ND	ND	ND	ND	---	---	ND
NC 2L = 50 ug/L	ug/L	1/23/2004	---	---	20	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/8/2004	---	---	20	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/25/2005	---	---	20	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/6/2005	---	---	20	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/9/2006	---	---	20	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/12/2006	---	---	20	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/16/2007	2.0	10.0	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ug/L	07/02/2007	2.8	10.0	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ug/L	1/30/2008	2.0	10.0	10	ND	ND	ND	ND	ND	2.0 J	ND	ND	ND
Silver	ug/L	10/8/2003	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
NC 2L = 17.5 ug/L	ug/L	1/23/2004	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/8/2004	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/25/2005	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/6/2005	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/9/2006	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	7/12/2006	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND
	ug/L	1/16/2007	2.0	10.0	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ug/L	7/2/2007	2.0	10.0	10	ND	ND	ND	ND	2.5 J	ND	ND	2.0 J	ND
	ug/L	1/30/2008	2.0	10.0	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	ug/L	1/16/2007	0.044	0.050	5.5	ND	0.048 J	ND	ND	ND	ND	ND	ND	ND
SWS GPS = 0.28 ug/L	ug/L	7/2/2007	0.036	0.050	6	0.043 J	0.097 J	ND	ND	ND	ND	ND	ND	ND
	ug/L	1/30/2008	0.036	1.00	6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	ug/L	1/16/2007	1.0	10.0	25	7.5 J	ND	ND	4.4 J	ND	ND	34.4	ND	ND
SWS GPS = 3.5 ug/L	ug/L	7/2/2007	1.7	10.0	25	5.9 J	ND	1.9 J	2.3 J	ND	ND	44.3	2.6 J	ND
	ug/L	1/30/2008	1.0	10.0	25	3.7 J	ND	ND	3.6 J	ND	ND	13.3 J	ND	ND
Zinc	ug/L	1/16/2007	1.0	10.0	10	25.7 B	4.0 B	6.5 B	23.4 B	9.1 B	11.0 B	48.1 B	7.4 B	10.0
NC 2L = 1050 ug/L	ug/L	7/2/2007	3.4	10.0	10	ND	28.0	ND	ND	ND	10.1	41.1	3.9 J	ND
	ug/L	1/30/2008	1.0	10.0	10	2.3 B	1.8 B	2.9 B	3.8 B	3.0 B	4.9 B	9.1 J	4.4 B	1.6 J
Iron	ug/L	1/16/2007	20	50	---	2530	3410	80	1020	9860	700	16400	680	---
NC 2L = 300 ug/L	ug/L	7/2/2007	15	50	300	1510	18600	46 J	314	4960	592	19500	497	-
	ug/L	1/30/2008	20	50	300	533	327	31 J	2220	21100	106 J	3320	1110	ND
Manganese	ug/L	1/16/2007	1.4	10.0	---	50.6	6160	4.7 J	39.1	2620	361	205	204	---
NC 2L = 50 ug/L	ug/L	7/2/2007	1.4	10.0	50	30.6 J	9540	4.2 J	29.5 J	1040	21.3 J	229	244	-
	ug/L	1/30/2008	1.4	10.0	50	16.1 J	7760	8.0 J	27.3 J	4340	12.6 J	64.8	208	ND
Chloride	mg/L	1/16/2007	1.0	1.0	---	11.0	13.0	4.0	7.0	19.0	16.0	4.0	11.0	---
NC 2L = 250 ug/L	mg/L	7/2/2007	0.05	1.0	NE	5.2	6.9	2.8 B	7.0	9.0	9.3	3.3	6.7	0.57 J
	mg/L	1/30/2008	0.48	5.0	NE	6.5	10	3.3 J	10	16	15	3.3 J	9.4 J	ND
Total Dissolved Solids	mg/L	1/16/2007	10	10	---	214	180	68	82	280	212	236	236	---
No NC 2L or GPS	mg/L	7/2/2007	10	10	NE	190	180	74	82	200	260	150	200	ND
	mg/L	1/30/2008	10	10	10	210	200	100	110	410	310	180	240	ND

TABLE 4

Summary of Detected Constituents in Groundwater
WCA of High Point, LLC Construction and Demolition Landfill, Permit No. 41-16
Guilford County, North Carolina

Parameter	Reporting Units	Sample Date	Detection Limit	Quantitation Limit	SWS Reporting Limit	Upgradient	Downgradient							Blanks
						MW-1	MW-2	MW-3	MW-4S	MW-5	MW-6	MW-7S	MW-8	
Sulfate as SO4	mg/L	1/16/2007	0.60	5.00	---	48.4	44.3	7.03 B	33.4	41.7	51.2	24.0	13.6	2.25 J
NC 2L = 250 ug/L	mg/L	7/2/2007	0.03	2.0	250	39	25	6.4	19	25	69	11	10	ND
	mg/L	1/30/2008	0.03	2.0	250	35 J	24 J	5.9 J	23 J	79 J	26 J	10 J	9.2 J	ND
Total Alkalinity	mg/L	1/16/2007	2.0	2.0	---	39	53	5.0	25	17	160	100	170	---
No NC 2L or GPS	mg/L	7/2/2007	5.2	15	NE	20	100	46	12	110	100	99	160	ND
	mg/L	1/30/2008	9.4	30	10	-	---	---	---	310 D	---	---	---	ND
	mg/L	1/30/2008	4.7	15	10	17	81	32	ND	---	89	100	170	ND
pH (Field)	S.U.	7/6/2005	---	---	---	6.47	5.44	6.00	5.85	5.88	6.42	---	---	---
	S.U.	1/9/2006	---	---	---	5.96	5.76	6.37	6.02	6.27	6.10	---	---	---
	S.U.	7/12/2006	---	---	---	6.20	5.64	6.10	5.70	6.38	6.85	---	---	---
	S.U.	1/16/2007	---	---	---	7.35	6.82	6.88	6.61	6.22	6.59	6.74	7.20	---
	S.U.	7/2/2007	---	---	---	7.47	7.24	7.14	6.77	7.13	7.40	7.30	7.13	---
	S.U.	1/30/2008	---	---	---	5.78	5.51	5.92	5.34	6.29	6.25	6.58	7.35	---
Specific Conductance (Field)	uS/cm	7/6/2005	---	---	1	253	222	178	168	313	520	---	---	---
	uS/cm	1/9/2006	---	---	1	146	164	82	81	334	142	---	---	---
	uS/cm	7/12/2006	---	---	1	235	222	118	215	363	367	---	---	---
	uS/cm	1/16/2007	---	---	1	224	279	850	110	497	226	268	374	---
	uS/cm	7/2/2007	---	---	1	234	330	131	125	355	413	261	384	---
	uS/cm	1/30/2008	---	---	1	317	411	269	346	999	595	318	505	---
Temperature (Field)	°C	7/6/2005	---	---	0.01	20.8	20.5	16.2	19.3	19.0	19.6	---	---	---
	°C	1/9/2006	---	---	0.01	17.86	14.23	15.62	13.82	16.72	14.35	---	---	---
	°C	7/12/2006	---	---	0.01	23.85	24.21	20.80	21.80	20.59	20.91	---	---	---
	°C	1/16/2007	---	---	0.01	15.80	12.10	13.80	18.8	12.50	12.00	12.20	12.50	---
	°C	7/2/2007	---	---	0.01	19.65	18.72	17.72	18.23	18.54	17.27	16.27	18.76	---
	°C	1/30/2008	---	---	0.01	16.01	12.32	15.12	13.19	14.84	13.01	14.34	12.35	---
Turbidity (Field)	NTU	7/6/2005	---	---	0.1	92.1	126	241	65.2	71.4	71.4	---	---	---
	NTU	1/9/2006	---	---	0.1	165	293	48.5	55.2	28.4	130	---	---	---
	NTU	7/12/2006	---	---	0.1	130	89.2	49.2	28.0	64.0	387	---	---	---
	NTU	1/16/2007	---	---	0.1	372	62.5	73.3	188	497	294	>1000	130	---
	NTU	7/2/2007	---	---	0.1	222	521	37	146	61.2	405	>1000	66.3	---
	NTU	1/30/2008	---	---	0.1	13.7	15.5	3.08	44.6	56.1	6.81	64.1	58.4	---

TABLE 4

Summary of Detected Constituents in Groundwater
WCA of High Point, LLC Construction and Demolition Landfill, Permit No. 41-16
Guilford County, North Carolina

Parameter	Reporting Units	Sample Date	Detection Limit	Quantitation Limit	SWS Reporting Limit	Upgradient	Downgradient							Blanks
						MW-1	MW-2	MW-3	MW-4S	MW-5	MW-6	MW-7S	MW-8	
Oxidation Reduction Potential (Field)	mV	1/30/2008	---	---	1	213	194	177	226	-21	203	160	166	---
	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dissolved Oxygen (Field)	mg/L	1/30/2008	---	---	0.01	3.83	5.13	5.56	2.52	3.48	5.34	6.40	3.27	---

Notes:
1. MW = groundwater monitoring well
2. ug/L = micrograms per liter
3. mg/L = milligrams per liter
4. J = Estimated Value
5. B = Blank-qualified data
6. S.U. = Standard Units
7. NTU = Nephelometric Turbidity Units
8. uS/cm = microsiemens per centimeter
9. ND = Not detected at or above the stated reporting limit
10. Standards = NC 2L Groundwater Standards or North Carolina Solid Waste Section Groundwater Protection Standards
11. --- = no data available
12. Concentrations above the 2L Groundwater Standards or Groundwater Protection Standards have been shaded.
13. Blanks = Field, trip and laboratory blanks.
14. SWS Reporting Limit = NCPQL prior to 2007 and NCSWSL starting in 01/18/07
15. Data prior to 1/9/06 provided by Joyce Engineering, Inc.
16. Sulfate samples for MW-1, MW-2, MW-5, and MW-6 were diluted during the January 2007 monitoring event.

TABLE 5

Summary of Detected Constituents in Surface Water
WCA of High Point, LLC Construction and Demolition Landfill, Permit No. 41-16
Guilford County, North Carolina

Parameter	Reporting Units	Sample Date	Detection Limit	Quantitation Limit	SWS Reporting Limit	SW-1	SW-2	SW-3	SW-4	Blanks
Arsenic	ug/L	10/8/2003	---	---	10	ND	ND	ND	ND	ND
SW Standard = 50 ug/L	ug/L	1/23/2004	---	---	10	ND	ND	ND	ND	ND
	ug/L	7/8/2004	---	---	10	ND	ND	ND	ND	ND
	ug/L	1/25/2005	---	---	10	ND	ND	ND	ND	ND
	ug/L	7/6/2005	---	---	10	---	---	ND	ND	ND
	ug/L	1/9/2006	---	---	10	ND	ND	ND	ND	ND
	ug/L	7/12/2006	---	---	10	ND	ND	ND	ND	ND
	ug/L	1/16/2007	2.0	10.0	10	ND	3.8 B	3.1 B	ND	2.4 J
	ug/L	07/02/2007	3.6	10.0	10	---	---	ND	ND	ND
	ug/L	1/29/2008	2.0	10.0	10	ND	ND	ND	ND	2.1 J
Barium	ug/L	10/8/2003	---	---	500	ND	ND	ND	ND	ND
(No SW Standard)	ug/L	1/23/2004	---	---	500	ND	ND	ND	ND	ND
	ug/L	7/8/2004	---	---	500	ND	ND	ND	ND	ND
	ug/L	1/25/2005	---	---	500	ND	ND	ND	ND	ND
	ug/L	7/6/2005	---	---	50	---	---	ND	ND	ND
	ug/L	1/9/2006	---	---	500	ND	ND	ND	ND	ND
	ug/L	7/12/2006	---	---	500	ND	ND	ND	ND	ND
	ug/L	1/16/2007	0.20	10.0	100	38.7 J	39.5 J	47.6 J	46.0 J	0.90 J
	ug/L	07/02/2007	1.0	10.0	100	---	---	62.6 J	51.7 J	1.2 J
	ug/L	1/29/2008	0.20	10.0	100	49.8 J	62.2 J	74.1 J	71.2 J	0.3 J
Copper	ug/L	1/16/2007	0.60	10.0	10	ND	1.00 J	1.50 J	ND	ND
SW Standard = 7 ug/L*	ug/L	07/02/2007	1.8	10.0	10	---	---	ND	ND	ND
	ug/L	1/29/2008	0.60	10.0	10	1.00 J	ND	1.20 J	1.10 J	ND
Lead	ug/L	10/8/2003	---	---	10	ND	ND	ND	ND	ND
SW Standard = 25 ug/L	ug/L	1/23/2004	---	---	10	ND	ND	ND	ND	ND
	ug/L	7/8/2004	---	---	10	ND	ND	ND	ND	ND
	ug/L	1/25/2005	---	---	10	ND	ND	ND	ND	ND
	ug/L	7/6/2005	---	---	10	---	---	ND	ND	ND
	ug/L	1/9/2006	---	---	10	ND	ND	ND	ND	ND
	ug/L	7/12/2006	---	---	10	ND	ND	ND	ND	ND
	ug/L	1/16/2007	2.0	10.0	10	4.6 J	2.6 J	ND	3.6 J	ND
	ug/L	07/02/2007	3.1	10.0	10	---	---	ND	ND	ND
	ug/L	1/29/2008	2.0	10.0	10	ND	ND	ND	ND	ND

TABLE 5

Summary of Detected Constituents in Surface Water
WCA of High Point, LLC Construction and Demolition Landfill, Permit No. 41-16
Guilford County, North Carolina

Parameter	Reporting Units	Sample Date	Detection Limit	Quantitation Limit	SWS Reporting Limit	SW-1	SW-2	SW-3	SW-4	Blanks
Nickel	ug/L	1/16/2007	2.0	10.0	50	2.9 J	ND	ND	ND	ND
SW Standard = 88 ug/L	ug/L	07/02/2007	1.3	10.0	50	---	---	ND	1.7 J	ND
	ug/L	1/29/2008	2.0	10.0	50	4.8 J	ND	ND	ND	ND
Thallium	ug/L	1/16/2007	0.044	0.050	5.5	ND	ND	ND	ND	ND
	ug/L	07/02/2007	0.036	0.050	6	---	---	ND	ND	ND
	ug/L	1/29/2008	0.036	1.00	6	ND	0.041 J	ND	ND	ND
Vanadium	ug/L	1/16/2007	1.0	10.0	25	ND	ND	ND	ND	ND
(No SW Standard)	ug/L	07/02/2007	1.7	10.0	25	---	---	2.1 J	2.6 J	ND
	ug/L	1/29/2008	1.0	10.0	25	ND	ND	ND	ND	ND
Zinc	ug/L	1/16/2007	1.0	10.0	10	27.0 B	27.1 B	9.5 B	4.2 B	10.0
SW Standard = 50 ug/L*	ug/L	07/02/2007	3.4	10.0	10	---	---	ND	7.6 J	ND
	ug/L	1/29/2008	1.0	10.0	10	112	26.9	10.6	6.8 B	1.6 J
pH (Field)	S.U.	7/6/2005	---	---	---	---	---	6.49	7.02	---
	S.U.	1/9/2006	---	---	---	6.70	6.01	6.45	6.72	---
	S.U.	7/12/2006	---	---	---	6.28	5.86	6.38	6.78	---
	S.U.	1/16/2007	---	---	---	7.44	6.02	6.10	6.35	---
	S.U.	7/2/2007	---	---	---	---	---	6.95	8.19	---
	S.U.	1/29/2008	---	---	---	5.96	5.91	5.76	6.36	---
Specific Conductance (Field)	uS/cm	7/6/2005	---	---	1	---	---	407	366	---
	uS/cm	1/9/2006	---	---	1	123	155	143	110	---
	uS/cm	7/12/2006	---	---	1	175	237	258	213	---
	uS/cm	1/16/2007	---	---	1	124	120	184	162	---
	uS/cm	7/2/2007	---	---	1	---	---	298	143	---
	uS/cm	1/29/2008	---	---	1	343	311	390	416	---
Temperature (Field)	°C	7/6/2005	---	---	0.01	---	---	23.3	24.6	---
	°C	1/9/2006	---	---	0.01	10.78	7.30	7.15	9.61	---
	°C	7/12/2006	---	---	0.01	19.96	22.51	22.28	23.03	---
	°C	1/16/2007	---	---	0.01	10.70	11.60	11.80	11.50	---
	°C	7/2/2007	---	---	0.01	---	---	20.87	23.49	---
	°C	1/29/2008	---	---	0.01	8.39	6.93	6.21	6.99	---

TABLE 5

Summary of Detected Constituents in Surface Water
WCA of High Point, LLC Construction and Demolition Landfill, Permit No. 41-16
Guilford County, North Carolina

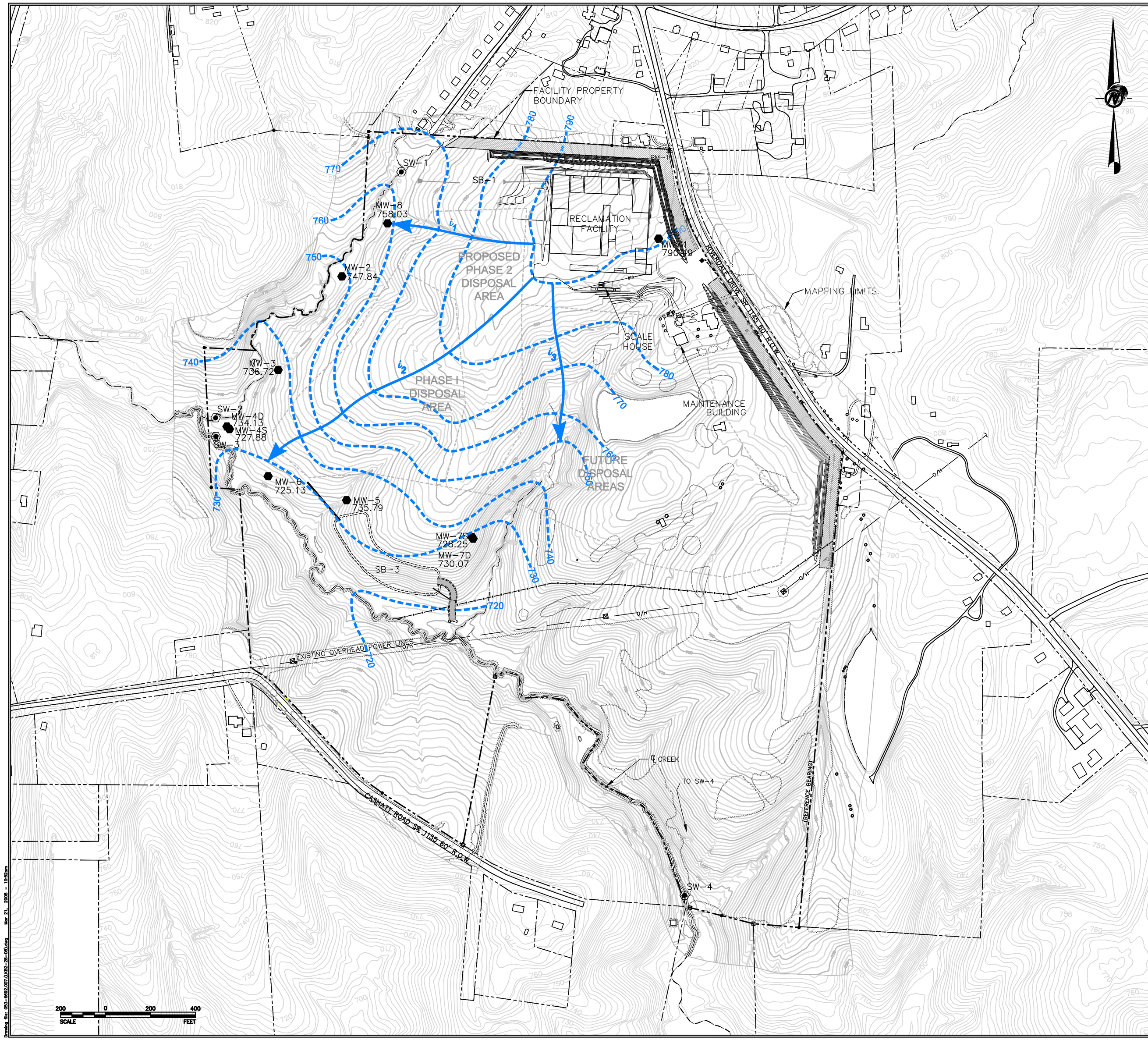
Parameter	Reporting Units	Sample Date	Detection Limit	Quantitation Limit	SWS Reporting Limit	SW-1	SW-2	SW-3	SW-4	Blanks
Turbidity (Field)	NTU	7/6/2005	---	---	0.1	---	---	15.5	17.2	---
	NTU	1/9/2006	---	---	0.1	36.4	52.1	61.3	68.4	---
	NTU	7/12/2006	---	---	0.1	134	17.5	9.2	5.1	---
	NTU	1/16/2007	---	---	0.1	5.8	39.5	37.7	32.3	---
	NTU	7/2/2007	---	---	0.1	---	---	27.1	124	---
	NTU	1/29/2008	---	---	0.1	3.4	15.2	100.0	94.9	---
Oxidation Reduction Potential (Field)	mV	1/29/2008	---	---	1	165	214	202	182	---
	---	---	---	---	---	---	---	---	---	---
Dissolved Oxygen (Field)	mg/L	1/29/2008	---	---	0.01	11.03	11.13	11.61	11.98	---

Notes:

1. SW = surface water monitoring point
2. ug/L = micrograms per liter
3. J = Estimated Value
4. B = Blank-qualified data
5. S.U. = Standard Units
6. NTU = Nephelometric Turbidity Units
7. uS = microsiemens
8. ND = Not detected at or above the stated reporting limit
9. Surface Water Standards for NC Appendix I constituents based on Class C Freshwater Aquatic Life stream classification per 15A NCAC 2B.
10. * = SW Standard is an action level
11. --- = no data available
12. Shaded values are above their respective NC Surface Water Standards.
13. Blanks = Field, trip and laboratory blanks.
14. SWS Reporting Limit = NCPQL prior to 2007 and NCSWSL starting in 01/18/07
15. Data prior to 1/9/06 provided by Joyce Engineering, Inc.
16. SW-1 and SW-2 were dry during the July 2005 and July 2007 events.
17. SW-1 and SW-3 are upstream monitoring points.

DRAWING

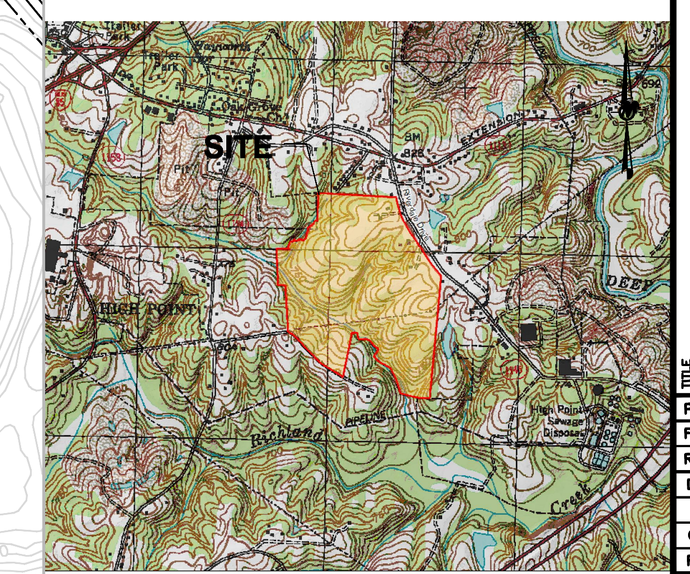
Golder Associates NC, Inc.



LEGEND

EXISTING 10 FT. CONTOUR	
EXISTING 2 FT. CONTOUR	
PROPERTY LINE	
STREAM	
TREELINE	
EXISTING ROAD	
PROPOSED OR EXISTING LIMIT OF WASTE	
MONITORING WELL LOCATION IDENTIFICATION, AND GROUNDWATER ELEVATION	MW-3 736.72
SURFACE WATER MONITORING POINT	SW-1
BENCH MARK	BM-1
SEDIMENT BASIN	SB-1
GROUNDWATER SURFACE CONTOURS	760
GROUNDWATER FLOW SEGMENT USED TO CALCULATE GRADIENT	i_1

NOTE:
1. TOPOGRAPHIC CONTOUR INTERVAL = 2 FEET
2. GROUNDWATER SURFACE CONTOUR INTERVAL= 10 FEET
3. GROUNDWATER ELEVATIONS MEASURED ON JANUARY 29, 2008.
4. GROUNDWATER CONTOURS BASED ON LINEAR INTERPOLATION BETWEEN AND EXTRAPOLATION FROM KNOWN DATA, TOPOGRAPHIC CONTOURS, AND KNOWN FIELD CONDITIONS. THEREFORE, GROUNDWATER CONTOURS MAY NOT REFLECT ACTUAL CONDITIONS.
5. GROUNDWATER CONTOUR LINES SHOW THE WATER TABLE SHAPE AND ELEVATION. THESE CONTOURS ARE INFERRED LINES FOLLOWING THE GROUNDWATER SURFACE AT A CONSTANT ELEVATION ABOVE SEA LEVEL. THE GROUNDWATER FLOW DIRECTION IS GENERALLY PERPENDICULAR TO THE GROUNDWATER SURFACE CONTOURS, SIMILAR TO THE RELATIONSHIP BETWEEN SURFACE WATER FLOW AND TOPOGRAPHIC CONTOURS.
6. BASE DRAWING BASED ON SITE PLAN PREPARED BY JOYCE ENGINEERING, INC. DATED JULY 7, 2004.



SITE MAP

Golder Associates
GOLDER ASSOCIATES INC., INC.

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
1.	06/14/07		GROUNDWATER CONTOURS	LKB		

PROJECT
WCA OF HIGH POINT CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL AND RECLAMATION FACILITY
GUILFORD COUNTY, NC

TITLE
JANUARY 29, 2008 GROUNDWATER CONTOUR MAP

PROJECT No.	053-6692	
FILE No.	053-6692.007	
REV.	SCALE	AS SHOWN
DESIGN	DYR	01/30/07
CADD	LKB	03/07/07
CHECK		
REVIEW		

DWG.1

APPENDIX I

GROUNDWATER AND SURFACE WATER SAMPLING LOGS

Golder Associates NC, Inc.

DATE: *1/30/2008*

Golder Associates

GROUNDWATER SAMPLING LOG

Project Name: *WCA of High Point* **Project No./Phase No.:** *053-6692008.100*
Well ID: *MW-1* **Sampler(s):** *K. Higgs / R. Stringfellow*
Well Diameter: *2* **inches** **Int. Depth to Water:** *21.78* **feet**
Depth to Bottom: *33.00* **feet** **H_20 Column Thickness:** *11.22* **feet**
Pumping Rate: *200* **mL/min.** **System Volume:** *1160* **mL**
Well Location: *North of Break Room, East of Reclamation Facility*
Equipment: *Horiba U-22 WQM, WL Indicator, QED MP-15 Backpack power and control box, turbidity meter*

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	DTW (feet)
8:07	5.98	0.314	320.0	5.83	14.10	209	22.73
8:10	5.84	0.339	0.0	5.63	15.86	210	23.36
8:13	5.87	0.300	0.0	5.30	15.77	210	23.61
8:16	5.83	0.315	0.0	4.85	15.87	211	23.61
8:19	5.80	0.294	0.0	4.11	15.75	215	23.61
8:22	5.79	0.296	0.01	3.97	15.95	213	23.61
8:25	5.78	0.317	13.7	3.83	16.01	213	24.11
Sampled @ 8:25							
8:36	5.78	0.303	11.1	4.15	15.90	215	24.62

Comments (weather conditions, color, type of sample, purge-water management, etc.):
Weather Conditions: Temp = 34-54° F, Wind = 11-25 mph, Dew Point = 20° F
Weather Conditions: Avg. Hum. = 46%, Barometric Pressure = 1012 hPA, Precipitation = None

Signature: [signature] **Date:** 1-30-08
QA/QC Sign Off: [signature] **Date:** 3-21-08

Golder Associates

DATE: *1/30/2008*

GROUNDWATER SAMPLING LOG

Project Name: *WCA of High Point*
Project No./Phase No.: *053-6692008.100*
Well ID: *MW-2*
Sampler(s): *K. Higgs / R. Stringfellow*
Well Diameter: *2* **inches**
Int. Depth to Water: *7.14* **feet**
Depth to Bottom: *18.62* **feet**
H_20 Column Thickness: *11.48* **feet**
Pumping Rate: *200* **mL/min.**
System Volume: *872.4* **mL**
Well Location: *On NW side of landfill at the bottom of the road bank*
Equipment: *Horiba U-22 WQM, WL Indicator, QED MP-15 Backpack power and control box, turbidity meter*

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	DTW (feet)
9:59	6.06	0.460	316.0	5.48	11.80	156	7.31
10:02	5.55	0.441	721.0	1.85	12.35	159	7.28
10:05	5.53	0.520	496.0	3.68	12.42	170	7.30
10:08	5.52	0.396	290.0	4.80	12.42	176	7.30
10:11	5.54	0.505	160.0	5.16	12.45	181	7.30
10:14	5.54	0.406	21.8	5.29	12.34	189	7.30
10:17	5.53	0.409	43.8	5.21	12.33	192	7.30
10:20	5.51	0.411	15.5	5.13	12.32	194	7.30
Sampled @ 10:20							
10:41	5.52	0.390	5.00	3.39	12.24	211	7.30

Comments (**weather conditions, color, type of sample, purge-water management, etc.**):
Weather Conditions: Temp = 34-54° F, Wind = 11-25 mph, Dew Point = 20° F
Weather Conditions: Avg. Hum. = 46%, Barometric Pressure = 1012 hPA, Precipitation = None

Signature: [signature] **Date:** 1-30-08
QA/QC Sign-Off: [signature] **Date:** 3-21-08

Golder Associates

DATE: *1/30/2008*

GROUNDWATER SAMPLING LOG

Project Name: *WCA of High Point*
Project No./Phase No.: *053-6692008.100*
Well ID: *MW-3*
Sampler(s): *K. Higgs / R. Stringfellow*
Well Diameter: *2* **inches**
Int. Depth to Water: *18.85* **feet**
Depth to Bottom: *30.60* **feet**
H_20 Column Thickness: *11.75* **feet**
Pumping Rate: *200* **mL/min.**
System Volume: *1112* **mL**
Well Location: *On NW side of landfill at the bottom of the road bank*
Equipment: *Horiba U-22 WQM, WL Indicator, QED MP-15 Backpack power and control box, turbidity meter*

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	DTW (feet)
11:05	6.05	0.225	11.7	6.46	14.94	140	19.53
11:08	6.07	0.280	0.0	5.48	14.91	155	19.92
11:11	6.03	0.265	0.0	5.49	14.91	167	20.20
11:14	5.92	0.269	3.08	5.56	15.12	177	20.64
Sampled @ 11:14							
11:30	5.83	0.217	2.14	5.03	15.12	200	22.61

Comments (**weather conditions, color, type of sample, purge-water management, etc.**):
Weather Conditions: Temp = 34-54° F, Wind = 11-25 mph, Dew Point = 20° F
Weather Conditions: Avg. Hum. = 46%, Barometric Pressure = 1012 hPA, Precipitation = None

Signature: [signature] **Date:** 1-30-08
QA/QC Sign Off: [signature] **Date:** 3-21-08

Golder Associates

DATE: *1/30/2008*

GROUNDWATER SAMPLING LOG

Project Name: *WCA of High Point*
Project No./Phase No.: *053-6692008.100*
Well ID: *MW-4S*
Sampler(s): *K. Higgs / R. Stringfellow*
Well Diameter: *2* **inches**
Int. Depth to Water: *5.99* **feet**
Depth to Bottom: *22.2* **feet**
H_20 Column Thickness: *16.21* **feet**
Pumping Rate: *250* **mL/min.**
System Volume: *944* **mL**
Well Location: *Back in woods at SW corner of the landfill*
Equipment: *Horiba U-22 WQM, WL Indicator, QED MP-15 Backpack power and control box, turbidity meter*

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	DTW (feet)
11:57	5.58	0.396	846.0	3.86	13.89	213	6.30
11:59	5.48	0.414	629.0	3.61	13.80	215	6.21
12:01	5.39	0.382	437.0	2.92	13.57	220	6.18
12:03	5.39	0.325	281.0	2.72	13.29	223	6.18
12:05	5.37	0.346	220.0	2.62	13.31	226	6.18
12:07	5.34	0.346	44.6	2.52	13.19	226	6.18
Sampled @ 12:07							
12:22	5.34	0.324	34.0	2.67	13.47	223	6.18

Comments (weather conditions, color, type of sample, purge-water management, etc.):
Weather Conditions: Temp = 34-54° F, Wind = 11-25 mph, Dew Point = 20° F
Weather Conditions: Avg. Hum. = 46%, Barometric Pressure = 1012 hPA, Precipitation = None

Signature: [illegible] **Date:** 1-30-08
QA/QC Sign Off: [illegible] **Date:** 3-21-08

Golder Associates

DATE: *1/30/2008*

GROUNDWATER SAMPLING LOG

Project Name: *WCA of High Point*
Project No./Phase No.: *053-6692008.100*
Well ID: *MW-5*
Sampler(s): *K. Higgs / R. Stringfellow*
Well Diameter: *2* **inches**
Int. Depth to Water: *12.16* **feet**
Depth to Bottom: *27.14* **feet**
H_20 Column Thickness: *14.98* **feet**
Pumping Rate: *150* **mL/min.**
System Volume: *1042.8* **mL**
Well Location: *Near sediment pond, south of the landfill*
Equipment: *Horiba U-22 WQM, WL Indicator, QED MP-15 Backpack power and control box, turbidity meter*

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	DTW (feet)
13:57	6.30	0.837	>1000	6.90	14.00	3	12.76
14:01	6.27	0.947	755.0	3.51	15.53	-17	12.87
14:05	6.29	0.999	191.0	3.27	15.08	-18	13.02
14:09	6.29	0.999	56.1	3.48	14.84	-21	13.33
Sampled @ 14:09							
14:25	6.29	0.998	21.9	3.49	14.90	-17	13.69

Comments (**weather conditions, color, type of sample, purge-water management, etc.**):
Weather Conditions: Temp = 34-54° F, Wind = 11-25 mph, Dew Point = 20° F
Weather Conditions: Avg. Hum. = 46%, Barometric Pressure = 1012 hPA, Precipitation = None

Signature: [signature] **Date:** 1-30-08
QA/QC Sign Off: [signature] **Date:** 3-21-08

Golder Associates

DATE: *1/30/2008*

GROUNDWATER SAMPLING LOG

Project Name: *WCA of High Point*
Project No./Phase No.: *053-6692008.100*
Well ID: *MW-6*
Sampler(s): *K. Higgs / R. Stringfellow*
Well Diameter: *2* **inches**
Int. Depth to Water: *10.39* **feet**
Depth to Bottom: *18.00* **feet**
H_20 Column Thickness: *7.61* **feet**
Pumping Rate: *150* **mL/min.**
System Volume: *860* **mL**
Well Location: *On SW side of landfill at the bottom of the road bank*
Equipment: *Horiba U-22 WQM, WL Indicator, QED MP-15 Backpack power and control box, turbidity meter*

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	DTW (feet)
12:50	6.24	0.673	174.0	8.46	13.24	214	11.73
12:54	6.38	0.746	89.9	6.97	13.44	200	11.73
12:58	6.44	0.697	16.4	6.79	13.14	194	12.09
13:02	6.38	0.636	0.0	5.83	13.13	195	12.81
13:06	6.32	0.612	0.0	5.60	13.10	197	13.04
13:10	6.25	0.595	6.81	5.34	13.01	203	13.33
Sampled @ 13:10							
13:26	6.21	0.588	4.81	5.31	12.83	208	13.90

Comments (weather conditions, color, type of sample, purge-water management, etc.):
Weather Conditions: Temp = 34-54° F, Wind = 11-25 mph, Dew Point = 20° F
Weather Conditions: Avg. Hum. = 46%, Barometric Pressure = 1012 hPA, Precipitation = None

Signature: [signature] **Date:** 1-30-08
QA/QC Sign Off: [signature] **Date:** 3-21-08

Golder Associates

DATE: *1/30/2008*

GROUNDWATER SAMPLING LOG

Project Name: *WCA of High Point*
Project No./Phase No.: *053-6692008.100*
Well ID: *MW-7S*
Sampler(s): *K. Higgs / R. Stringfellow*
Well Diameter: *2* **inches**
Int. Depth to Water: *33.08* **feet**
Depth to Bottom: *47.7* **feet**
H_20 Column Thickness: *14.62* **feet**
Pumping Rate: *150* **mL/min.**
System Volume: *1454* **mL**
Well Location: *Down dirt road on south side of the landfill*
Equipment: *Horiba U-22 WQM, WL Indicator, QED MP-15 Backpack power and control box, turbidity meter*

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	DTW (feet)
14:50	6.84	0.307	309.0	9.19	14.18	120	33.68
14:54	6.72	0.303	319.0	8.52	14.20	133	33.98
14:58	6.63	0.305	186.0	7.91	14.20	146	34.22
15:02	6.53	0.310	157.0	6.93	14.01	152	34.60
15:06	6.60	0.316	145.0	6.91	14.00	156	34.91
15:10	6.58	0.318	64.1	6.40	14.34	160	35.10
Sampled @ 15:10							
15:27	6.57	0.318	74.4	5.84	13.98	172	35.81

Comments (weather conditions, color, type of sample, purge-water management, etc.):
Weather Conditions: Temp = 34-54° F, Wind = 11-25 mph, Dew Point = 20° F
Weather Conditions: Avg. Hum. = 46%, Barometric Pressure = 1012 hPA, Precipitation = None

Signature: [signature] **Date:** 1-30-08
QA/QC Sign Off: [signature] **Date:** 3-21-08

Golder Associates

DATE: *1/30/2008*

GROUNDWATER SAMPLING LOG

Project Name: *WCA of High Point*
Project No./Phase No.: *053-6692008.100*
Well ID: *MW-8*
Sampler(s): *K. Higgs / R. Stringfellow*
Well Diameter: *2* **inches**
Int. Depth to Water: *4.63* **feet**
Depth to Bottom: *28.10* **feet**
H_20 Column Thickness: *23.47* **feet**
Pumping Rate: *150* **mL/min.**
System Volume: *1062* **mL**
Well Location: *Back in woods at the NW corner of the landfill*
Equipment: *Horiba U-22 WQM, WL Indicator, QED MP-15 Backpack power and control box, turbidity meter*

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	DTW (feet)
9:05	7.01	0.487	722	4.20	12.97	188	6.32
9:09	7.22	0.499	416	3.54	12.27	179	7.80
9:13	7.32	0.498	282	3.31	12.34	171	8.98
9:17	7.35	0.505	58.4	3.27	12.35	166	9.80
Sampled @ 9:17							
9:34	7.42	0.518	36.1	3.79	11.82	156	12.52

Comments (**weather conditions, color, type of sample, purge-water management, etc.**):
Weather Conditions: Temp = 34-54° F, Wind = 11-25 mph, Dew Point = 20° F
Weather Conditions: Avg. Hum. = 46%, Barometric Pressure = 1012 hPA, Precipitation = None

Signature: [signature] **Date:** 1-30-08
QA/QC Sign Off: [signature] **Date:** 3-21-08

DATE: *1/29/2008*

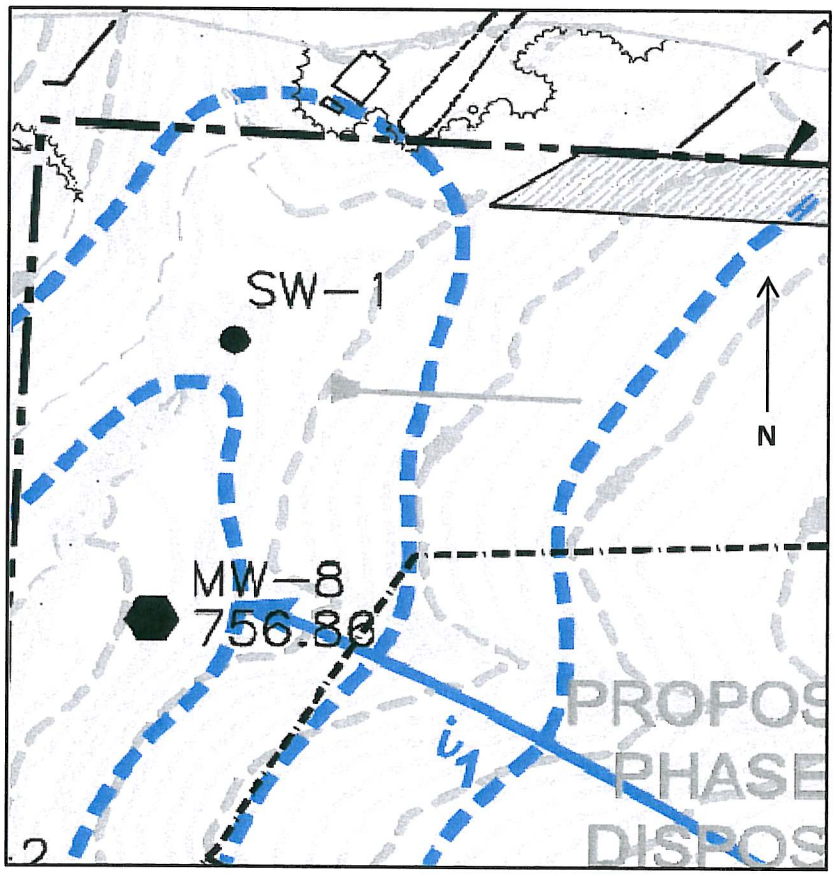
Golder Associates

SURFACE WATER SAMPLING LOG

Project Name: *WCA of High Point* **Project No./Phase No.:** *053-6692008.100*
Sample ID: *SW-1* **Sampler(s):** *K. Higgs / R. Stringfellow*
Sampling Location: *Upstream of northern sediment pond discharge*
Equipment: *Horiba U-22 WQM, Dipper*

Time	15:50
pH s.u.	5.96
Cond. mS/cm	0.343
Turb. ntu	3.4
Dis. O2 mg/L	11.03
Temp. oC	8.39
TDS Sal	--
ORP mv	165

Surface Water Sampling Location Sketch



Comments (sample methodology, weather conditions, color, silt, etc.):
Weather Conditions: Temp = 46-64° F, Wind = 14-22 mph, Dew Point = 24° F
Weather Conditions: Avg. Hum. = 32%, Barometric Pressure = 1010 hPA, Precipitation = None

Signature: _____ Date: 1-29-08
QA/QC Sign Off: _____ Date: 3-21-08

DATE: *1/29/2008*

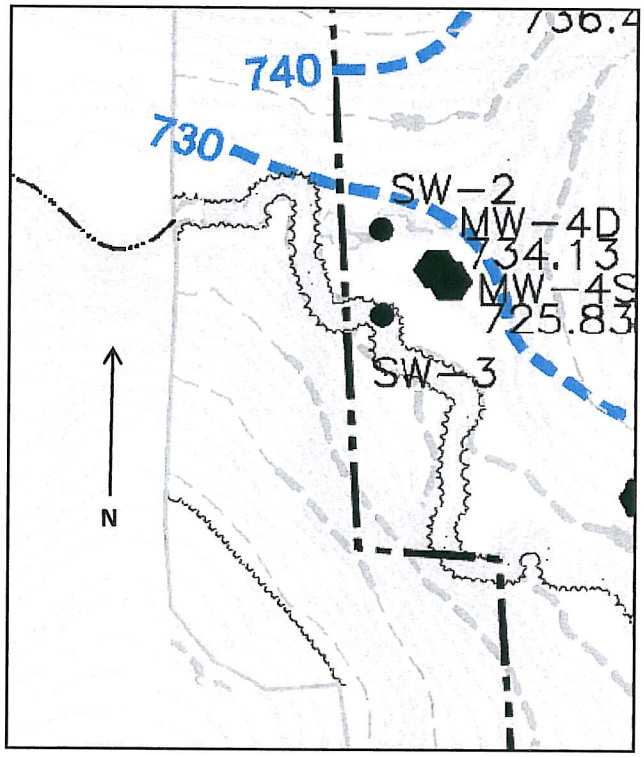
Golder Associates

SURFACE WATER SAMPLING LOG

Project Name: *WCA of High Point* **Project No./Phase No.:** *053-6692008.100*
Sample ID: *SW-2* **Sampler(s):** *K. Higgs / R. Stringfellow*
Sampling Location: *At creek slightly north of MW-4D*
Equipment: *Horiba U-22 WQM, Dipper*

Time	11:09
pH s.u.	5.91
Cond. mS/cm	0.311
Turb. ntu	15.2
Dis. O2 mg/L	11.13
Temp. oC	6.93
TDS Sal	--
ORP mv	2.14

Surface Water Sampling Location Sketch



Comments (sample methodology, weather conditions, color, silt, etc.):
Weather Conditions: Temp = 46-64° F, Wind = 14-22 mph, Dew Point = 24° F
Weather Conditions: Avg. Hum. = 32%, Barometric Pressure = 1010 hPA, Precipitation = None

Signature: [signature] Date: 1-30-08
QA/QC Sign Off: [signature] Date: 3-21-08

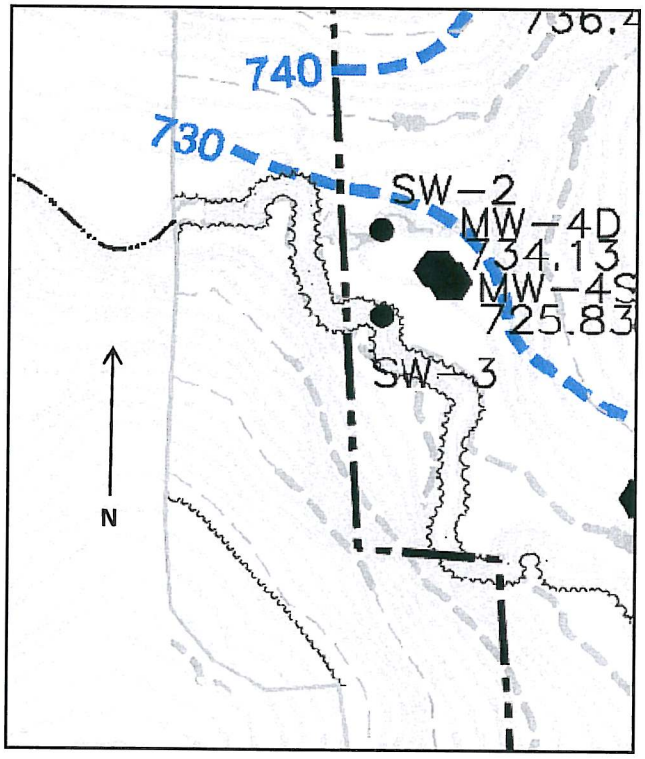
DATE: *1/29/2008*

SURFACE WATER SAMPLING LOG

Project Name: *WCA of High Point* **Project No./Phase No.:** *053-6692008.100*
Sample ID: *SW-3* **Sampler(s):** *K. Higgs / R. Stringfellow*
Sampling Location: *At creek just south of MW-4D*
Equipment: *Horiba U-22 WQM, Dipper*

Time	10:53
pH s.u.	5.76
Cond. mS/cm	0.390
Turb. ntu	100.0
Dis. O2 mg/L	11.61
Temp. oC	6.21
TDS Sal	--
ORP mv	202

Surface Water Sampling Location Sketch



Comments (sample methodology, weather conditions, color, silt, etc.):
Weather Conditions: Temp = 46-64° F, Wind = 14-22 mph, Dew Point = 24° F
Weather Conditions: Avg. Hum. = 32%, Barometric Pressure = 1010 hPA, Precipitation = None

Signature: _____ Date: 1-29-08
QA/QC Sign Off: _____ Date: 3-21-08

DATE: *1/29/2008*

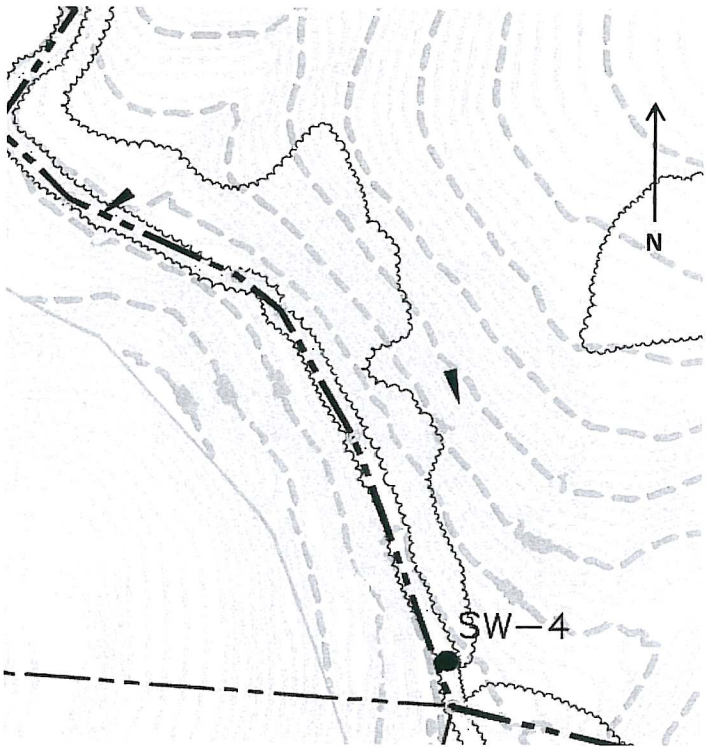
Golder Associates

SURFACE WATER SAMPLING LOG

Project Name: *WCA of High Point* **Project No./Phase No.:** *053-6692008.100*
Sample ID: *SW-4* **Sampler(s):** *K. Higgs / R. Stringfellow*
Sampling Location: *At creek near the furthest southern end of the property*
Equipment: *Horiba U-22 WQM, Dipper*

Time	12:50
pH s.u.	6.36
Cond. mS/cm	0.416
Turb. ntu	94.9
Dis. O2 mg/L	11.98
Temp. oC	6.99
TDS Sal	--
ORP mv	182

Surface Water Sampling Location Sketch



Comments (sample methodology, weather conditions, color, silt, etc.):
Weather Conditions: Temp = 46-64° F, Wind = 14-22 mph, Dew Point = 24° F
Weather Conditions: Avg. Hum. = 32%, Barometric Pressure = 1010 hPA, Precipitation = None

Signature: [signature] Date: 1-29-08
QA/QC Sign Off: [signature] Date: 3-21-08

Golder Associates

WELL CONDITION SUMMARY

DATE: 01/30/2008

Project Name WCA - High Point

Project No./Task No. 053-6692008.100

Personnel K. Higgs / R. Stringfellow

Page 1 of 1

Well ID	Protective Casing	Well Casing	Label	Lock	Pad Condition	Depth of Well (Feet)	General Turbudity	Comments/ Observations*
MW-1	☒ OK ☐ Damaged	☒ OK ☐ Damaged	☒ OK ☐ Inadequate	☒ Yes ☐ No	☒ OK ☐ Damaged	33.00	☒ Clear ☐ Turbid	Small crack in pad
MW-2	☒ OK ☐ Damaged	☒ OK ☐ Damaged	☒ OK ☐ Inadequate	☒ Yes ☐ No	☒ OK ☐ Damaged	16.5	☒ Clear ☐ Turbid	small crack in pad
MW-3	☒ OK ☐ Damaged	☒ OK ☐ Damaged	☒ OK ☐ Inadequate	☒ Yes ☐ No	☒ OK ☐ Damaged	28	☒ Clear ☐ Turbid	replaced lock
MW-4S	☒ OK ☐ Damaged	☒ OK ☐ Damaged	☒ OK ☐ Inadequate	☒ Yes ☐ No	☒ OK ☐ Damaged	20	☒ Clear ☐ Turbid	
MW-5	☒ OK ☐ Damaged	☒ OK ☐ Damaged	☒ OK ☐ Inadequate	☒ Yes ☐ No	☒ OK ☐ Damaged	20	☒ Clear ☐ Turbid	
MW-6	☒ OK ☐ Damaged	☒ OK ☐ Damaged	☒ OK ☐ Inadequate	☒ Yes ☐ No	☒ OK ☐ Damaged	15.5	☒ Clear ☐ Turbid	
MW-7S	☒ OK ☐ Damaged	☒ OK ☐ Damaged	☒ OK ☐ Inadequate	☒ Yes ☐ No	☒ OK ☐ Damaged	45	☒ Clear ☐ Turbid	
MW-8	☒ OK ☐ Damaged	☒ OK ☐ Damaged	☒ OK ☐ Inadequate	☒ Yes ☐ No	☒ OK ☐ Damaged	25	☒ Clear ☐ Turbid	
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No	☐ OK ☐ Damaged		☐ Clear ☐ Turbid	
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No	☐ OK ☐ Damaged		☐ Clear ☐ Turbid	
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No	☐ OK ☐ Damaged		☐ Clear ☐ Turbid	
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No	☐ OK ☐ Damaged		☐ Clear ☐ Turbid	

* Note ponding water, weep holes, condition of surrounding area, including any disturbance of the ground since last inspection, evidence of contamination.

Signature: [signature] Date: 01/30/08

APPENDIX II

JANUARY 2008 CERTIFICATES-OF-ANALYSIS, CHAIN-OF-CUSTODY FORMS AND LABORATORY DATA REVIEWS

Golder Associates NC, Inc.

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Friday, February 8, 2008

Golder Associates, Inc. (GO007)

Attn: Dusty Reedy

The Wingate Building 4900 Koger Blvd., Suite 140

Greensboro, NC 27407

RE: Laboratory Results for
Project Number: 053-6692008.100, Project Name/Desc: WCA of High Point, LLC
ENCO Workorder: C717601

Dear Dusty Reedy,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, January 31, 2008.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Stephanie Franz

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 64.

PROJECT NARRATIVE

Date: 08 February 2008
Client: Golder Associates
Project: WCA of High Point, LLC
Lab ID: C717601

Overview

Environmental Conservation Laboratories, Inc. analyzed all submitted samples in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling by Environmental Conservation Laboratories, Inc. will be discussed in the QC Remarks section below.

Quality Control Samples
The Method Blank for the 6010B analysis had a low-level detection (less than half of the MRL) of Arsenic. None of the associated samples had any detections of this analyte.

Quality Control Remarks

The spike recovery of Manganese in the Matrix Spike for the 6010B analysis was below control limits due to the high concentration of this analyte in the source sample. The QC batch was approved based on acceptable LCS recoveries and completeness of QC data.

Other Comments

All samples received under this work order arrived in acceptable conditions. The samples were not checked for residual chlorine, as it is not a requirement.

The analytical data presented in this report are consistent with the methods as referenced in the analytical report. Any exceptions or deviations are noted in the QC remarks section of this narrative.

Released By:
Environmental Conservation Laboratories, Inc.

Stephanie Franz
Project Manager

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: 4116-MW1 **Lab ID:** C717601-01 **Sampled:** 01/30/08 08:25 **Received:** 01/31/08 12:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	02/06/08	02/04/08 17:00	2/5/2008 16:20
EPA 300.0	02/27/08	02/01/08 15:27	2/1/2008 21:35
EPA 310.2	02/13/08	02/04/08 12:54	2/5/2008 11:53
EPA 6010B	07/28/08	02/01/08 06:45	2/6/2008 11:42
EPA 6020	07/28/08	02/01/08 06:51	2/7/2008 13:42
EPA 7470A	02/27/08	02/04/08 06:42	2/4/2008 15:31
EPA 8260B	02/13/08	01/31/08 12:30	2/2/2008 07:29
SM4500-Cl/E	02/27/08	02/04/08 12:11	2/4/2008 15:22

Client ID: 4116-MW2 **Lab ID:** C717601-02 **Sampled:** 01/30/08 10:20 **Received:** 01/31/08 12:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	02/06/08	02/04/08 17:00	2/5/2008 16:20
EPA 300.0	02/27/08	02/01/08 15:27	2/1/2008 21:55
EPA 310.2	02/13/08	02/04/08 12:54	2/5/2008 11:54
EPA 6010B	07/28/08	02/01/08 06:45	2/6/2008 10:52
EPA 6020	07/28/08	02/01/08 06:51	2/7/2008 13:44
EPA 7470A	02/27/08	02/04/08 06:42	2/4/2008 15:05
EPA 8260B	02/13/08	02/02/08 11:25	2/2/2008 15:15
SM4500-Cl/E	02/27/08	02/04/08 12:11	2/4/2008 15:23

Client ID: 4116-MW3 **Lab ID:** C717601-03 **Sampled:** 01/30/08 11:14 **Received:** 01/31/08 12:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	02/06/08	02/04/08 17:00	2/5/2008 16:20
EPA 300.0	02/27/08	02/01/08 15:27	2/1/2008 22:14
EPA 310.2	02/13/08	02/04/08 12:54	2/5/2008 11:57
EPA 6010B	07/28/08	02/01/08 06:45	2/6/2008 12:05
EPA 6020	07/28/08	02/01/08 06:51	2/7/2008 13:47
EPA 7470A	02/27/08	02/04/08 06:42	2/4/2008 15:34
EPA 8260B	02/13/08	01/31/08 12:30	2/2/2008 07:58
SM4500-Cl/E	02/27/08	02/04/08 12:11	2/4/2008 15:24

Client ID: 4116-MW4S **Lab ID:** C717601-04 **Sampled:** 01/30/08 12:07 **Received:** 01/31/08 12:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	02/06/08	02/04/08 17:00	2/5/2008 16:20
EPA 300.0	02/27/08	02/01/08 15:27	2/1/2008 22:33
EPA 310.2	02/13/08	02/04/08 12:54	2/5/2008 11:58
EPA 6010B	07/28/08	02/01/08 06:45	2/6/2008 12:12
EPA 6020	07/28/08	02/01/08 06:51	2/7/2008 13:50
EPA 7470A	02/27/08	02/04/08 06:42	2/4/2008 15:37
EPA 8260B	02/13/08	01/31/08 12:30	2/2/2008 08:27
SM4500-Cl/E	02/27/08	02/04/08 12:11	2/4/2008 15:25

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Client ID: 4116-MW5	Lab ID: C717601-05	Sampled: 01/30/08 14:09	Received: 01/31/08 12:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	02/06/08	02/04/08 17:00	2/5/2008 16:20
EPA 300.0	02/27/08	02/01/08 15:27	2/1/2008 22:53
EPA 310.2	02/13/08	02/04/08 12:54	2/5/2008 11:59
EPA 6010B	07/28/08	02/01/08 06:45	2/6/2008 12:19
EPA 6020	07/28/08	02/01/08 06:51	2/7/2008 13:52
EPA 7470A	02/27/08	02/04/08 06:42	2/4/2008 15:40
EPA 8260B	02/13/08	01/31/08 12:30	2/2/2008 08:56
SM4500-Cl/E	02/27/08	02/04/08 12:11	2/4/2008 15:25

Client ID: 4116-MW6	Lab ID: C717601-06	Sampled: 01/30/08 13:10	Received: 01/31/08 12:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	02/06/08	02/04/08 17:00	2/5/2008 16:20
EPA 300.0	02/27/08	02/01/08 15:27	2/1/2008 23:12
EPA 310.2	02/13/08	02/04/08 12:54	2/5/2008 12:00
EPA 6010B	07/28/08	02/01/08 06:45	2/6/2008 12:26
EPA 6020	07/28/08	02/01/08 06:51	2/7/2008 13:55
EPA 7470A	02/27/08	02/04/08 06:42	2/4/2008 15:42
EPA 8260B	02/13/08	01/31/08 12:30	2/2/2008 09:25
SM4500-Cl/E	02/27/08	02/04/08 12:11	2/4/2008 15:26

Client ID: 4116-MW7S	Lab ID: C717601-07	Sampled: 01/30/08 15:10	Received: 01/31/08 12:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	02/06/08	02/04/08 17:00	2/5/2008 16:20
EPA 300.0	02/27/08	02/01/08 15:27	2/1/2008 23:32
EPA 310.2	02/13/08	02/04/08 12:54	2/5/2008 12:01
EPA 6010B	07/28/08	02/01/08 06:45	2/6/2008 12:33
EPA 6020	07/28/08	02/01/08 06:51	2/7/2008 13:58
EPA 7470A	02/27/08	02/04/08 06:42	2/4/2008 15:46
EPA 8260B	02/13/08	01/31/08 12:30	2/2/2008 09:54
SM4500-Cl/E	02/27/08	02/04/08 12:11	2/4/2008 15:27

Client ID: 4116-MW8	Lab ID: C717601-08	Sampled: 01/30/08 09:17	Received: 01/31/08 12:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	02/06/08	02/04/08 17:00	2/5/2008 16:20
EPA 300.0	02/27/08	02/01/08 15:27	2/1/2008 23:51
EPA 310.2	02/13/08	02/04/08 12:54	2/5/2008 12:01
EPA 6010B	07/28/08	02/01/08 06:45	2/6/2008 12:40
EPA 6020	07/28/08	02/01/08 06:51	2/7/2008 14:01
EPA 7470A	02/27/08	02/04/08 06:42	2/4/2008 15:54
EPA 8260B	02/13/08	02/02/08 11:25	2/2/2008 15:44
SM4500-Cl/E	02/27/08	02/04/08 12:11	2/4/2008 15:27

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Client ID:	Field Blank	Lab ID:	C717601-09	Sampled:	01/30/08 15:36	Received:	01/31/08 12:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	07/28/08	02/01/08 06:45	2/6/2008 12:47
EPA 6020	07/28/08	02/01/08 06:51	2/7/2008 14:03
EPA 8260B	02/13/08	02/02/08 11:25	2/2/2008 16:13

Client ID:	Trip Blank	Lab ID:	C717601-10	Sampled:	01/30/08 00:00	Received:	01/31/08 12:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	02/13/08	02/02/08 11:25	2/2/2008 16:42

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NORTH CAROLINA SWS SAMPLE DETECTION SUMMARY

Client ID: 4116-MW1 **Lab ID:** C717601-01

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	100		1	0.20	10.0	100	ug/L	EPA 6010B	
Chloride	6.5		1	0.48	5.0	NE	mg/L	SM4500-Cl/E	
Copper	3.00	J	1	0.60	10.0	10	ug/L	EPA 6010B	
Iron	533		1	20	50	300	ug/L	EPA 6010B	
Manganese	16.1	J	1	1.4	10.0	50	ug/L	EPA 6010B	
Nickel	2.5	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Sulfate	35	J	1	0.03	2.0	250	mg/L	EPA 300.0	
Total Alkalinity	17		1	4.7	15	NE	mg/L	EPA 310.2	
Total Dissolved Solids	210		1	10	10	NE	mg/L	EPA 160.1	
Vanadium	3.7	J	1	1.0	10.0	25	ug/L	EPA 6010B	
Zinc	2.3	J	1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: 4116-MW2 **Lab ID:** C717601-02

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	190		1	0.20	10.0	100	ug/L	EPA 6010B	
Chloride	10		1	0.48	5.0	NE	mg/L	SM4500-Cl/E	
Cobalt	11.6		1	2.0	10.0	10	ug/L	EPA 6010B	
Iron	327		1	20	50	300	ug/L	EPA 6010B	
Manganese	7760		1	1.4	10.0	50	ug/L	EPA 6010B	
Nickel	3.6	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Sulfate	24	J	1	0.03	2.0	250	mg/L	EPA 300.0	
Total Alkalinity	81		1	4.7	15	NE	mg/L	EPA 310.2	
Total Dissolved Solids	200		1	10	10	NE	mg/L	EPA 160.1	
Zinc	1.8	J	1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: 4116-MW3 **Lab ID:** C717601-03

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	46.9	J	1	0.20	10.0	100	ug/L	EPA 6010B	
Chloride	3.3	J	1	0.48	5.0	NE	mg/L	SM4500-Cl/E	
Iron	31	J	1	20	50	300	ug/L	EPA 6010B	
Manganese	8.0	J	1	1.4	10.0	50	ug/L	EPA 6010B	
Nickel	2.4	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Sulfate	5.9	J	1	0.03	2.0	250	mg/L	EPA 300.0	
Total Alkalinity	32		1	4.7	15	NE	mg/L	EPA 310.2	
Total Dissolved Solids	100		1	10	10	NE	mg/L	EPA 160.1	
Zinc	2.9	J	1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: 4116-MW4S **Lab ID:** C717601-04

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	66.6	J	1	0.20	10.0	100	ug/L	EPA 6010B	
Chloride	10		1	0.48	5.0	NE	mg/L	SM4500-Cl/E	
Copper	1.90	J	1	0.60	10.0	10	ug/L	EPA 6010B	
Iron	2220		1	20	50	300	ug/L	EPA 6010B	
Manganese	27.3	J	1	1.4	10.0	50	ug/L	EPA 6010B	
Nickel	3.7	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Sulfate	23	J	1	0.03	2.0	250	mg/L	EPA 300.0	
Total Dissolved Solids	110		1	10	10	NE	mg/L	EPA 160.1	
Vanadium	3.6	J	1	1.0	10.0	25	ug/L	EPA 6010B	
Zinc	3.8	J	1	1.0	10.0	10	ug/L	EPA 6010B	

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Client ID: 4116-MW5								Lab ID: C717601-05	
Analyte	**Results**	**Flag**	**DF**	**MDL**	**MRL**	**NC SWSL**	**Units**	**Method**	**Notes**
Barium	110		1	0.20	10.0	100	ug/L	EPA 6010B	
Chloride	16		1	0.48	5.0	NE	mg/L	SM4500-Cl/E	
Cobalt	5.6	J	1	2.0	10.0	10	ug/L	EPA 6010B	
Iron	21100		1	20	50	300	ug/L	EPA 6010B	
Manganese	4340		1	1.4	10.0	50	ug/L	EPA 6010B	
Nickel	6.5	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Sulfate	79	J	1	0.03	2.0	250	mg/L	EPA 300.0	
Total Alkalinity	310	D	2	9.4	30	NE	mg/L	EPA 310.2	
Total Dissolved Solids	410		1	10	10	NE	mg/L	EPA 160.1	
Zinc	3.0	J	1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: 4116-MW6								Lab ID: C717601-06	
Analyte	**Results**	**Flag**	**DF**	**MDL**	**MRL**	**NC SWSL**	**Units**	**Method**	**Notes**
Barium	82.2	J	1	0.20	10.0	100	ug/L	EPA 6010B	
Chloride	15		1	0.48	5.0	NE	mg/L	SM4500-Cl/E	
Iron	106	J	1	20	50	300	ug/L	EPA 6010B	
Manganese	12.6	J	1	1.4	10.0	50	ug/L	EPA 6010B	
Selenium	2.0	J	1	2.0	10.0	10	ug/L	EPA 6010B	
Sulfate	26	J	1	0.03	2.0	250	mg/L	EPA 300.0	
Total Alkalinity	89		1	4.7	15	NE	mg/L	EPA 310.2	
Total Dissolved Solids	310		1	10	10	NE	mg/L	EPA 160.1	
Zinc	4.9	J	1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: 4116-MW7S								Lab ID: C717601-07	
Analyte	**Results**	**Flag**	**DF**	**MDL**	**MRL**	**NC SWSL**	**Units**	**Method**	**Notes**
Barium	143		1	0.20	10.0	100	ug/L	EPA 6010B	
Chloride	3.3	J	1	0.48	5.0	NE	mg/L	SM4500-Cl/E	
Copper	2.70	J	1	0.60	10.0	10	ug/L	EPA 6010B	
Iron	3320		1	20	50	300	ug/L	EPA 6010B	
Manganese	64.8		1	1.4	10.0	50	ug/L	EPA 6010B	
Nickel	6.0	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Sulfate	10	J	1	0.03	2.0	250	mg/L	EPA 300.0	
Total Alkalinity	100		1	4.7	15	NE	mg/L	EPA 310.2	
Total Dissolved Solids	180		1	10	10	NE	mg/L	EPA 160.1	
Vanadium	13.3	J	1	1.0	10.0	25	ug/L	EPA 6010B	
Zinc	9.1	J	1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: 4116-MW8								Lab ID: C717601-08	
Analyte	**Results**	**Flag**	**DF**	**MDL**	**MRL**	**NC SWSL**	**Units**	**Method**	**Notes**
Barium	66.8	J	1	0.20	10.0	100	ug/L	EPA 6010B	
Chloride	9.4		1	0.48	5.0	NE	mg/L	SM4500-Cl/E	
Copper	5.30	J	1	0.60	10.0	10	ug/L	EPA 6010B	
Iron	1110		1	20	50	300	ug/L	EPA 6010B	
Manganese	208		1	1.4	10.0	50	ug/L	EPA 6010B	
Nickel	3.3	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Sulfate	9.2	J	1	0.03	2.0	250	mg/L	EPA 300.0	
Total Alkalinity	170		1	4.7	15	NE	mg/L	EPA 310.2	
Total Dissolved Solids	240		1	10	10	NE	mg/L	EPA 160.1	
Zinc	4.4	J	1	1.0	10.0	10	ug/L	EPA 6010B	

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Client ID:	Field Blank					Lab ID:	C717601-09		
Analyte	**Results**	**Flag**	**DF**	**MDL**	**MRL**	**NC SWSL**	**Units**	**Method**	**Notes**
Barium	0.30	J	1	0.20	10.0	100	ug/L	EPA 6010B	
Zinc	1.6	J	1	1.0	10.0	10	ug/L	EPA 6010B	

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ANALYTICAL RESULTS

Description: 4116-MW1
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-01
Sampled: 01/30/08 08:25
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 07:29	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	02/02/08 07:29	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
1,1-Dichloroethane [75-34-3] *	0.090	U	ug/L	1	0.090	1.0	5	EPA 8260B	02/02/08 07:29	jkg	
1,1-Dichloroethene [75-35-4] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 07:29	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.19	U	ug/L	1	0.19	1.0	13	EPA 8260B	02/02/08 07:29	jkg	
1,2-Dibromoethane [106-93-4] *	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	02/02/08 07:29	jkg	
1,2-Dichloroethane [107-06-2] *	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
1,2-Dichloropropane [78-87-5] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
2-Butanone [78-93-3] *	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	02/02/08 07:29	jkg	
2-Hexanone [591-78-6] *	0.24	U	ug/L	1	0.24	5.0	50	EPA 8260B	02/02/08 07:29	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.36	U	ug/L	1	0.36	5.0	100	EPA 8260B	02/02/08 07:29	jkg	
Acetone [67-64-1] *	0.90	U	ug/L	1	0.90	5.0	100	EPA 8260B	02/02/08 07:29	jkg	
Acrylonitrile [107-13-1] *	2.0	U	ug/L	1	2.0	5.0	200	EPA 8260B	02/02/08 07:29	jkg	
Benzene [71-43-2] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
Bromochloromethane [74-97-5] *	0.19	U	ug/L	1	0.19	1.0	3	EPA 8260B	02/02/08 07:29	jkg	
Bromodichloromethane [75-27-4] *	0.19	U	ug/L	1	0.19	0.40	1	EPA 8260B	02/02/08 07:29	jkg	
Bromoform [75-25-2] *	0.36	U	ug/L	1	0.36	1.0	3	EPA 8260B	02/02/08 07:29	jkg	
Bromomethane [74-83-9] *	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	02/02/08 07:29	jkg	
Carbon disulfide [75-15-0] *	0.12	U	ug/L	1	0.12	5.0	100	EPA 8260B	02/02/08 07:29	jkg	
Carbon tetrachloride [56-23-5] *	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
Chlorobenzene [108-90-7] *	0.16	U	ug/L	1	0.16	1.0	3	EPA 8260B	02/02/08 07:29	jkg	
Chloroethane [75-00-3] *	0.40	U	ug/L	1	0.40	1.0	10	EPA 8260B	02/02/08 07:29	jkg	
Chloroform [67-66-3] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 07:29	jkg	
Chloromethane [74-87-3] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 07:29	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.16	U	ug/L	1	0.16	0.20	1	EPA 8260B	02/02/08 07:29	jkg	
Dibromochloromethane [124-48-1] *	0.18	U	ug/L	1	0.18	1.0	3	EPA 8260B	02/02/08 07:29	jkg	
Dibromomethane [74-95-3] *	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	02/02/08 07:29	jkg	
Ethylbenzene [100-41-4] *	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
Iodomethane [74-88-4] *	0.23	U	ug/L	1	0.23	2.0	10	EPA 8260B	02/02/08 07:29	jkg	
Methylene chloride [75-09-2] *	0.088	U	ug/L	1	0.088	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
Styrene [100-42-5] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
Tetrachloroethene [127-18-4] *	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
Toluene [108-88-3] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.10	U	ug/L	1	0.10	1.0	5	EPA 8260B	02/02/08 07:29	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.18	U	ug/L	1	0.18	0.20	1	EPA 8260B	02/02/08 07:29	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] *	0.60	U	ug/L	1	0.60	1.0	100	EPA 8260B	02/02/08 07:29	jkg	
Trichloroethene [79-01-6] *	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	02/02/08 07:29	jkg	

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Description:	4116-MW1	**Lab Sample ID:**	C717601-01	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 08:25	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Trichlorofluoromethane [75-69-4] *	0.16	U	ug/L	1	0.16	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
Vinyl acetate [108-05-4] *	0.19	U	ug/L	1	0.19	2.0	50	EPA 8260B	02/02/08 07:29	jkg	
Vinyl chloride [75-01-4] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 07:29	jkg	
Xylenes (Total) [1330-20-7]	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	02/02/08 07:29	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*89 %*	*69-120*	*8B01011*	*EPA 8260B*	*02/02/08 07:29*	*jkg*	
Dibromofluoromethane	*41*	*1*	*50.0*	*82 %*	*61-120*	*8B01011*	*EPA 8260B*	*02/02/08 07:29*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*82 %*	*75-99*	*8B01011*	*EPA 8260B*	*02/02/08 07:29*	*jkg*	

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Description: 4116-MW1
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-01
Sampled: 01/30/08 08:25
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	02/07/08 13:42	JDH	
Arsenic [7440-38-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:42	VLO	
Barium [7440-39-3] *	**100**		ug/L	1	0.20	10.0	100	EPA 6010B	02/06/08 11:42	VLO	
Beryllium [7440-41-7] *	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	02/06/08 11:42	VLO	
Cadmium [7440-43-9] *	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	02/06/08 11:42	VLO	
Chromium [7440-47-3] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:42	VLO	
Cobalt [7440-48-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:42	VLO	
Copper [7440-50-8] *	**3.00**	J	ug/L	1	0.60	10.0	10	EPA 6010B	02/06/08 11:42	VLO	
Iron [7439-89-6] *	**533**		ug/L	1	20	50	300	EPA 6010B	02/06/08 11:42	VLO	
Lead [7439-92-1] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:42	VLO	
Manganese [7439-96-5] *	**16.1**	J	ug/L	1	1.4	10.0	50	EPA 6010B	02/06/08 11:42	VLO	
Mercury [7439-97-6] *	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	02/04/08 15:31	MPL	
Nickel [7440-02-0] *	**2.5**	J	ug/L	1	2.0	10.0	50	EPA 6010B	02/06/08 11:42	VLO	
Selenium [7782-49-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:42	VLO	
Silver [7440-22-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:42	VLO	
Thallium [7440-28-0] *	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	02/07/08 13:42	JDH	
Vanadium [7440-62-2] *	**3.7**	J	ug/L	1	1.0	10.0	25	EPA 6010B	02/06/08 11:42	VLO	
Zinc [7440-66-6] *	**2.3**	J	ug/L	1	1.0	10.0	10	EPA 6010B	02/06/08 11:42	VLO	

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Description:	4116-MW1	**Lab Sample ID:**	C717601-01	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 08:25	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Classical Chemistry Parameters

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Chloride [16887-00-6] *	**6.5**		mg/L	1	0.48	5.0	NE	SM4500-Cl/E	02/04/08 15:22	PEV	
Total Alkalinity [NA] *	**17**		mg/L	1	4.7	15	NE	EPA 310.2	02/05/08 11:53	PEV	
Total Dissolved Solids [NA] *	**210**		mg/L	1	10	10	NE	EPA 160.1	02/05/08 16:20	JOC	

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Description:	4116-MW1	**Lab Sample ID:**	C717601-01	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 08:25	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Classical Chemistry Parameters

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Sulfate [14808-79-8] *	**35**	J	mg/L	1	0.03	2.0	250	EPA 300.0	02/01/08 21:35	RSA	

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Description: 4116-MW2
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-02
Sampled: 01/30/08 10:20
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 15:15	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	02/02/08 15:15	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
1,1-Dichloroethane [75-34-3] *	0.090	U	ug/L	1	0.090	1.0	5	EPA 8260B	02/02/08 15:15	jkg	
1,1-Dichloroethene [75-35-4] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 15:15	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.19	U	ug/L	1	0.19	1.0	13	EPA 8260B	02/02/08 15:15	jkg	
1,2-Dibromoethane [106-93-4] *	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	02/02/08 15:15	jkg	
1,2-Dichloroethane [107-06-2] *	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
1,2-Dichloropropane [78-87-5] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
2-Butanone [78-93-3] *	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	02/02/08 15:15	jkg	
2-Hexanone [591-78-6] *	0.24	U	ug/L	1	0.24	5.0	50	EPA 8260B	02/02/08 15:15	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.36	U	ug/L	1	0.36	5.0	100	EPA 8260B	02/02/08 15:15	jkg	
Acetone [67-64-1] *	0.90	U	ug/L	1	0.90	5.0	100	EPA 8260B	02/02/08 15:15	jkg	
Acrylonitrile [107-13-1] *	2.0	U	ug/L	1	2.0	5.0	200	EPA 8260B	02/02/08 15:15	jkg	
Benzene [71-43-2] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
Bromochloromethane [74-97-5] *	0.19	U	ug/L	1	0.19	1.0	3	EPA 8260B	02/02/08 15:15	jkg	
Bromodichloromethane [75-27-4] *	0.19	U	ug/L	1	0.19	0.40	1	EPA 8260B	02/02/08 15:15	jkg	
Bromoform [75-25-2] *	0.36	U	ug/L	1	0.36	1.0	3	EPA 8260B	02/02/08 15:15	jkg	
Bromomethane [74-83-9] *	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	02/02/08 15:15	jkg	
Carbon disulfide [75-15-0] *	0.12	U	ug/L	1	0.12	5.0	100	EPA 8260B	02/02/08 15:15	jkg	
Carbon tetrachloride [56-23-5] *	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
Chlorobenzene [108-90-7] *	0.16	U	ug/L	1	0.16	1.0	3	EPA 8260B	02/02/08 15:15	jkg	
Chloroethane [75-00-3] *	0.40	U	ug/L	1	0.40	1.0	10	EPA 8260B	02/02/08 15:15	jkg	
Chloroform [67-66-3] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 15:15	jkg	
Chloromethane [74-87-3] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 15:15	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.16	U	ug/L	1	0.16	0.20	1	EPA 8260B	02/02/08 15:15	jkg	
Dibromochloromethane [124-48-1] *	0.18	U	ug/L	1	0.18	1.0	3	EPA 8260B	02/02/08 15:15	jkg	
Dibromomethane [74-95-3] *	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	02/02/08 15:15	jkg	
Ethylbenzene [100-41-4] *	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
Iodomethane [74-88-4] *	0.23	U	ug/L	1	0.23	2.0	10	EPA 8260B	02/02/08 15:15	jkg	
Methylene chloride [75-09-2] *	0.088	U	ug/L	1	0.088	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
Styrene [100-42-5] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
Tetrachloroethene [127-18-4] *	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
Toluene [108-88-3] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.10	U	ug/L	1	0.10	1.0	5	EPA 8260B	02/02/08 15:15	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.18	U	ug/L	1	0.18	0.20	1	EPA 8260B	02/02/08 15:15	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] *	0.60	U	ug/L	1	0.60	1.0	100	EPA 8260B	02/02/08 15:15	jkg	
Trichloroethene [79-01-6] *	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
Trichlorofluoromethane [75-69-4] *	0.16	U	ug/L	1	0.16	1.0	1	EPA 8260B	02/02/08 15:15	jkg	
Vinyl acetate [108-05-4] *	0.19	U	ug/L	1	0.19	2.0	50	EPA 8260B	02/02/08 15:15	jkg	
Vinyl chloride [75-01-4] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 15:15	jkg	

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Description:	4116-MW2	**Lab Sample ID:**	C717601-02	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 10:20	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	02/02/08 15:15	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*90 %*	*69-120*	*8B02002*	*EPA 8260B*	*02/02/08 15:15*	*jkg*	
Dibromofluoromethane	*40*	*1*	*50.0*	*80 %*	*61-120*	*8B02002*	*EPA 8260B*	*02/02/08 15:15*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*82 %*	*75-99*	*8B02002*	*EPA 8260B*	*02/02/08 15:15*	*jkg*	

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Description: 4116-MW2
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-02
Sampled: 01/30/08 10:20
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	02/07/08 13:44	JDH	
Arsenic [7440-38-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 10:52	VLO	
Barium [7440-39-3] *	**190**		ug/L	1	0.20	10.0	100	EPA 6010B	02/06/08 10:52	VLO	
Beryllium [7440-41-7] *	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	02/06/08 10:52	VLO	
Cadmium [7440-43-9] *	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	02/06/08 10:52	VLO	
Chromium [7440-47-3] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 10:52	VLO	
Cobalt [7440-48-4] *	**11.6**		ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 10:52	VLO	
Copper [7440-50-8] *	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	02/06/08 10:52	VLO	
Iron [7439-89-6] *	**327**		ug/L	1	20	50	300	EPA 6010B	02/06/08 10:52	VLO	
Lead [7439-92-1] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 10:52	VLO	
Manganese [7439-96-5] *	**7760**		ug/L	1	1.4	10.0	50	EPA 6010B	02/06/08 10:52	VLO	
Mercury [7439-97-6] *	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	02/04/08 15:05	MPL	
Nickel [7440-02-0] *	**3.6**	J	ug/L	1	2.0	10.0	50	EPA 6010B	02/06/08 10:52	VLO	
Selenium [7782-49-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 10:52	VLO	
Silver [7440-22-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 10:52	VLO	
Thallium [7440-28-0] *	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	02/07/08 13:44	JDH	
Vanadium [7440-62-2] *	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	02/06/08 10:52	VLO	
Zinc [7440-66-6] *	**1.8**	J	ug/L	1	1.0	10.0	10	EPA 6010B	02/06/08 10:52	VLO	

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Description:	4116-MW2	**Lab Sample ID:**	C717601-02	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 10:20	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Classical Chemistry Parameters

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Chloride [16887-00-6] *	**10**		mg/L	1	0.48	5.0	NE	SM4500-Cl/E	02/04/08 15:23	PEV	
Total Alkalinity [NA] *	**81**		mg/L	1	4.7	15	NE	EPA 310.2	02/05/08 11:54	PEV	
Total Dissolved Solids [NA] *	**200**		mg/L	1	10	10	NE	EPA 160.1	02/05/08 16:20	JOC	

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Description:	4116-MW2	**Lab Sample ID:**	C717601-02	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 10:20	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Classical Chemistry Parameters

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Sulfate [14808-79-8] *	**24**	J	mg/L	1	0.03	2.0	250	EPA 300.0	02/01/08 21:55	RSA	

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Description: 4116-MW3
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-03
Sampled: 01/30/08 11:14
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 07:58	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	02/02/08 07:58	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
1,1-Dichloroethane [75-34-3] *	0.090	U	ug/L	1	0.090	1.0	5	EPA 8260B	02/02/08 07:58	jkg	
1,1-Dichloroethene [75-35-4] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 07:58	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.19	U	ug/L	1	0.19	1.0	13	EPA 8260B	02/02/08 07:58	jkg	
1,2-Dibromoethane [106-93-4] *	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	02/02/08 07:58	jkg	
1,2-Dichloroethane [107-06-2] *	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
1,2-Dichloropropane [78-87-5] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
2-Butanone [78-93-3] *	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	02/02/08 07:58	jkg	
2-Hexanone [591-78-6] *	0.24	U	ug/L	1	0.24	5.0	50	EPA 8260B	02/02/08 07:58	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.36	U	ug/L	1	0.36	5.0	100	EPA 8260B	02/02/08 07:58	jkg	
Acetone [67-64-1] *	0.90	U	ug/L	1	0.90	5.0	100	EPA 8260B	02/02/08 07:58	jkg	
Acrylonitrile [107-13-1] *	2.0	U	ug/L	1	2.0	5.0	200	EPA 8260B	02/02/08 07:58	jkg	
Benzene [71-43-2] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
Bromochloromethane [74-97-5] *	0.19	U	ug/L	1	0.19	1.0	3	EPA 8260B	02/02/08 07:58	jkg	
Bromodichloromethane [75-27-4] *	0.19	U	ug/L	1	0.19	0.40	1	EPA 8260B	02/02/08 07:58	jkg	
Bromoform [75-25-2] *	0.36	U	ug/L	1	0.36	1.0	3	EPA 8260B	02/02/08 07:58	jkg	
Bromomethane [74-83-9] *	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	02/02/08 07:58	jkg	
Carbon disulfide [75-15-0] *	0.12	U	ug/L	1	0.12	5.0	100	EPA 8260B	02/02/08 07:58	jkg	
Carbon tetrachloride [56-23-5] *	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
Chlorobenzene [108-90-7] *	0.16	U	ug/L	1	0.16	1.0	3	EPA 8260B	02/02/08 07:58	jkg	
Chloroethane [75-00-3] *	0.40	U	ug/L	1	0.40	1.0	10	EPA 8260B	02/02/08 07:58	jkg	
Chloroform [67-66-3] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 07:58	jkg	
Chloromethane [74-87-3] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 07:58	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.16	U	ug/L	1	0.16	0.20	1	EPA 8260B	02/02/08 07:58	jkg	
Dibromochloromethane [124-48-1] *	0.18	U	ug/L	1	0.18	1.0	3	EPA 8260B	02/02/08 07:58	jkg	
Dibromomethane [74-95-3] *	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	02/02/08 07:58	jkg	
Ethylbenzene [100-41-4] *	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
Iodomethane [74-88-4] *	0.23	U	ug/L	1	0.23	2.0	10	EPA 8260B	02/02/08 07:58	jkg	
Methylene chloride [75-09-2] *	0.088	U	ug/L	1	0.088	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
Styrene [100-42-5] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
Tetrachloroethene [127-18-4] *	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
Toluene [108-88-3] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.10	U	ug/L	1	0.10	1.0	5	EPA 8260B	02/02/08 07:58	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.18	U	ug/L	1	0.18	0.20	1	EPA 8260B	02/02/08 07:58	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] *	0.60	U	ug/L	1	0.60	1.0	100	EPA 8260B	02/02/08 07:58	jkg	
Trichloroethene [79-01-6] *	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
Trichlorofluoromethane [75-69-4] *	0.16	U	ug/L	1	0.16	1.0	1	EPA 8260B	02/02/08 07:58	jkg	
Vinyl acetate [108-05-4] *	0.19	U	ug/L	1	0.19	2.0	50	EPA 8260B	02/02/08 07:58	jkg	
Vinyl chloride [75-01-4] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 07:58	jkg	

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Description:	4116-MW3	**Lab Sample ID:**	C717601-03	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 11:14	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	02/02/08 07:58	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*89 %*	*69-120*	*8B01011*	*EPA 8260B*	*02/02/08 07:58*	*jkg*	
Dibromofluoromethane	*41*	*1*	*50.0*	*82 %*	*61-120*	*8B01011*	*EPA 8260B*	*02/02/08 07:58*	*jkg*	
Toluene-d8	*40*	*1*	*50.0*	*81 %*	*75-99*	*8B01011*	*EPA 8260B*	*02/02/08 07:58*	*jkg*	

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Description: 4116-MW3
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-03
Sampled: 01/30/08 11:14
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	02/07/08 13:47	JDH	
Arsenic [7440-38-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:05	VLO	
Barium [7440-39-3] *	**46.9**	J	ug/L	1	0.20	10.0	100	EPA 6010B	02/06/08 12:05	VLO	
Beryllium [7440-41-7] *	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	02/06/08 12:05	VLO	
Cadmium [7440-43-9] *	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	02/06/08 12:05	VLO	
Chromium [7440-47-3] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:05	VLO	
Cobalt [7440-48-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:05	VLO	
Copper [7440-50-8] *	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	02/06/08 12:05	VLO	
Iron [7439-89-6] *	**31**	J	ug/L	1	20	50	300	EPA 6010B	02/06/08 12:05	VLO	
Lead [7439-92-1] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:05	VLO	
Manganese [7439-96-5] *	**8.0**	J	ug/L	1	1.4	10.0	50	EPA 6010B	02/06/08 12:05	VLO	
Mercury [7439-97-6] *	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	02/04/08 15:34	MPL	
Nickel [7440-02-0] *	**2.4**	J	ug/L	1	2.0	10.0	50	EPA 6010B	02/06/08 12:05	VLO	
Selenium [7782-49-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:05	VLO	
Silver [7440-22-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:05	VLO	
Thallium [7440-28-0] *	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	02/07/08 13:47	JDH	
Vanadium [7440-62-2] *	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	02/06/08 12:05	VLO	
Zinc [7440-66-6] *	**2.9**	J	ug/L	1	1.0	10.0	10	EPA 6010B	02/06/08 12:05	VLO	

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Description: 4116-MW3
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-03
Sampled: 01/30/08 11:14
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Classical Chemistry Parameters

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Chloride [16887-00-6] *	**3.3**	J	mg/L	1	0.48	5.0	NE	SM4500-Cl/E	02/04/08 15:24	PEV	
Total Alkalinity [NA] *	**32**		mg/L	1	4.7	15	NE	EPA 310.2	02/05/08 11:57	PEV	
Total Dissolved Solids [NA] *	**100**		mg/L	1	10	10	NE	EPA 160.1	02/05/08 16:20	JOC	

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Description:	4116-MW3	**Lab Sample ID:**	C717601-03	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 11:14	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Classical Chemistry Parameters

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Sulfate [14808-79-8] *	**5.9**	J	mg/L	1	0.03	2.0	250	EPA 300.0	02/01/08 22:14	RSA	

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Description: 4116-MW4S
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-04
Sampled: 01/30/08 12:07
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 08:27	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	02/02/08 08:27	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
1,1-Dichloroethane [75-34-3] *	0.090	U	ug/L	1	0.090	1.0	5	EPA 8260B	02/02/08 08:27	jkg	
1,1-Dichloroethene [75-35-4] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 08:27	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.19	U	ug/L	1	0.19	1.0	13	EPA 8260B	02/02/08 08:27	jkg	
1,2-Dibromoethane [106-93-4] *	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	02/02/08 08:27	jkg	
1,2-Dichloroethane [107-06-2] *	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
1,2-Dichloropropane [78-87-5] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
2-Butanone [78-93-3] *	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	02/02/08 08:27	jkg	
2-Hexanone [591-78-6] *	0.24	U	ug/L	1	0.24	5.0	50	EPA 8260B	02/02/08 08:27	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.36	U	ug/L	1	0.36	5.0	100	EPA 8260B	02/02/08 08:27	jkg	
Acetone [67-64-1] *	0.90	U	ug/L	1	0.90	5.0	100	EPA 8260B	02/02/08 08:27	jkg	
Acrylonitrile [107-13-1] *	2.0	U	ug/L	1	2.0	5.0	200	EPA 8260B	02/02/08 08:27	jkg	
Benzene [71-43-2] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
Bromochloromethane [74-97-5] *	0.19	U	ug/L	1	0.19	1.0	3	EPA 8260B	02/02/08 08:27	jkg	
Bromodichloromethane [75-27-4] *	0.19	U	ug/L	1	0.19	0.40	1	EPA 8260B	02/02/08 08:27	jkg	
Bromoform [75-25-2] *	0.36	U	ug/L	1	0.36	1.0	3	EPA 8260B	02/02/08 08:27	jkg	
Bromomethane [74-83-9] *	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	02/02/08 08:27	jkg	
Carbon disulfide [75-15-0] *	0.12	U	ug/L	1	0.12	5.0	100	EPA 8260B	02/02/08 08:27	jkg	
Carbon tetrachloride [56-23-5] *	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
Chlorobenzene [108-90-7] *	0.16	U	ug/L	1	0.16	1.0	3	EPA 8260B	02/02/08 08:27	jkg	
Chloroethane [75-00-3] *	0.40	U	ug/L	1	0.40	1.0	10	EPA 8260B	02/02/08 08:27	jkg	
Chloroform [67-66-3] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 08:27	jkg	
Chloromethane [74-87-3] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 08:27	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.16	U	ug/L	1	0.16	0.20	1	EPA 8260B	02/02/08 08:27	jkg	
Dibromochloromethane [124-48-1] *	0.18	U	ug/L	1	0.18	1.0	3	EPA 8260B	02/02/08 08:27	jkg	
Dibromomethane [74-95-3] *	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	02/02/08 08:27	jkg	
Ethylbenzene [100-41-4] *	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
Iodomethane [74-88-4] *	0.23	U	ug/L	1	0.23	2.0	10	EPA 8260B	02/02/08 08:27	jkg	
Methylene chloride [75-09-2] *	0.088	U	ug/L	1	0.088	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
Styrene [100-42-5] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
Tetrachloroethene [127-18-4] *	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
Toluene [108-88-3] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.10	U	ug/L	1	0.10	1.0	5	EPA 8260B	02/02/08 08:27	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.18	U	ug/L	1	0.18	0.20	1	EPA 8260B	02/02/08 08:27	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] *	0.60	U	ug/L	1	0.60	1.0	100	EPA 8260B	02/02/08 08:27	jkg	
Trichloroethene [79-01-6] *	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
Trichlorofluoromethane [75-69-4] *	0.16	U	ug/L	1	0.16	1.0	1	EPA 8260B	02/02/08 08:27	jkg	
Vinyl acetate [108-05-4] *	0.19	U	ug/L	1	0.19	2.0	50	EPA 8260B	02/02/08 08:27	jkg	
Vinyl chloride [75-01-4] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 08:27	jkg	

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Description:	4116-MW4S	**Lab Sample ID:**	C717601-04	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 12:07	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	02/02/08 08:27	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*89 %*	*69-120*	*8B01011*	*EPA 8260B*	*02/02/08 08:27*	*jkg*	
Dibromofluoromethane	*41*	*1*	*50.0*	*83 %*	*61-120*	*8B01011*	*EPA 8260B*	*02/02/08 08:27*	*jkg*	
Toluene-d8	*40*	*1*	*50.0*	*81 %*	*75-99*	*8B01011*	*EPA 8260B*	*02/02/08 08:27*	*jkg*	

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Description: 4116-MW4S
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-04
Sampled: 01/30/08 12:07
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	02/07/08 13:50	JDH	
Arsenic [7440-38-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:12	VLO	
Barium [7440-39-3] *	**66.6**	J	ug/L	1	0.20	10.0	100	EPA 6010B	02/06/08 12:12	VLO	
Beryllium [7440-41-7] *	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	02/06/08 12:12	VLO	
Cadmium [7440-43-9] *	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	02/06/08 12:12	VLO	
Chromium [7440-47-3] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:12	VLO	
Cobalt [7440-48-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:12	VLO	
Copper [7440-50-8] *	**1.90**	J	ug/L	1	0.60	10.0	10	EPA 6010B	02/06/08 12:12	VLO	
Iron [7439-89-6] *	**2220**		ug/L	1	20	50	300	EPA 6010B	02/06/08 12:12	VLO	
Lead [7439-92-1] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:12	VLO	
Manganese [7439-96-5] *	**27.3**	J	ug/L	1	1.4	10.0	50	EPA 6010B	02/06/08 12:12	VLO	
Mercury [7439-97-6] *	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	02/04/08 15:37	MPL	
Nickel [7440-02-0] *	**3.7**	J	ug/L	1	2.0	10.0	50	EPA 6010B	02/06/08 12:12	VLO	
Selenium [7782-49-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:12	VLO	
Silver [7440-22-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:12	VLO	
Thallium [7440-28-0] *	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	02/07/08 13:50	JDH	
Vanadium [7440-62-2] *	**3.6**	J	ug/L	1	1.0	10.0	25	EPA 6010B	02/06/08 12:12	VLO	
Zinc [7440-66-6] *	**3.8**	J	ug/L	1	1.0	10.0	10	EPA 6010B	02/06/08 12:12	VLO	

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Description:	4116-MW4S	**Lab Sample ID:**	C717601-04	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 12:07	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Classical Chemistry Parameters

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Chloride [16887-00-6] *	**10**		mg/L	1	0.48	5.0	NE	SM4500-Cl/E	02/04/08 15:25	PEV	
Total Alkalinity [NA] *	4.7	UE	mg/L	1	4.7	15	NE	EPA 310.2	02/05/08 11:58	PEV	
Total Dissolved Solids [NA] *	**110**		mg/L	1	10	10	NE	EPA 160.1	02/05/08 16:20	JOC	

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Description:	4116-MW4S	**Lab Sample ID:**	C717601-04	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 12:07	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Classical Chemistry Parameters

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Sulfate [14808-79-8] *	**23**	J	mg/L	1	0.03	2.0	250	EPA 300.0	02/01/08 22:33	RSA	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 4116-MW5
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-05
Sampled: 01/30/08 14:09
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 08:56	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	02/02/08 08:56	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
1,1-Dichloroethane [75-34-3] *	0.090	U	ug/L	1	0.090	1.0	5	EPA 8260B	02/02/08 08:56	jkg	
1,1-Dichloroethene [75-35-4] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 08:56	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.19	U	ug/L	1	0.19	1.0	13	EPA 8260B	02/02/08 08:56	jkg	
1,2-Dibromoethane [106-93-4] *	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	02/02/08 08:56	jkg	
1,2-Dichloroethane [107-06-2] *	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
1,2-Dichloropropane [78-87-5] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
2-Butanone [78-93-3] *	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	02/02/08 08:56	jkg	
2-Hexanone [591-78-6] *	0.24	U	ug/L	1	0.24	5.0	50	EPA 8260B	02/02/08 08:56	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.36	U	ug/L	1	0.36	5.0	100	EPA 8260B	02/02/08 08:56	jkg	
Acetone [67-64-1] *	0.90	U	ug/L	1	0.90	5.0	100	EPA 8260B	02/02/08 08:56	jkg	
Acrylonitrile [107-13-1] *	2.0	U	ug/L	1	2.0	5.0	200	EPA 8260B	02/02/08 08:56	jkg	
Benzene [71-43-2] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
Bromochloromethane [74-97-5] *	0.19	U	ug/L	1	0.19	1.0	3	EPA 8260B	02/02/08 08:56	jkg	
Bromodichloromethane [75-27-4] *	0.19	U	ug/L	1	0.19	0.40	1	EPA 8260B	02/02/08 08:56	jkg	
Bromoform [75-25-2] *	0.36	U	ug/L	1	0.36	1.0	3	EPA 8260B	02/02/08 08:56	jkg	
Bromomethane [74-83-9] *	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	02/02/08 08:56	jkg	
Carbon disulfide [75-15-0] *	0.12	U	ug/L	1	0.12	5.0	100	EPA 8260B	02/02/08 08:56	jkg	
Carbon tetrachloride [56-23-5] *	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
Chlorobenzene [108-90-7] *	0.16	U	ug/L	1	0.16	1.0	3	EPA 8260B	02/02/08 08:56	jkg	
Chloroethane [75-00-3] *	0.40	U	ug/L	1	0.40	1.0	10	EPA 8260B	02/02/08 08:56	jkg	
Chloroform [67-66-3] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 08:56	jkg	
Chloromethane [74-87-3] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 08:56	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.16	U	ug/L	1	0.16	0.20	1	EPA 8260B	02/02/08 08:56	jkg	
Dibromochloromethane [124-48-1] *	0.18	U	ug/L	1	0.18	1.0	3	EPA 8260B	02/02/08 08:56	jkg	
Dibromomethane [74-95-3] *	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	02/02/08 08:56	jkg	
Ethylbenzene [100-41-4] *	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
Iodomethane [74-88-4] *	0.23	U	ug/L	1	0.23	2.0	10	EPA 8260B	02/02/08 08:56	jkg	
Methylene chloride [75-09-2] *	0.088	U	ug/L	1	0.088	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
Styrene [100-42-5] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
Tetrachloroethene [127-18-4] *	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
Toluene [108-88-3] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.10	U	ug/L	1	0.10	1.0	5	EPA 8260B	02/02/08 08:56	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.18	U	ug/L	1	0.18	0.20	1	EPA 8260B	02/02/08 08:56	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] *	0.60	U	ug/L	1	0.60	1.0	100	EPA 8260B	02/02/08 08:56	jkg	
Trichloroethene [79-01-6] *	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
Trichlorofluoromethane [75-69-4] *	0.16	U	ug/L	1	0.16	1.0	1	EPA 8260B	02/02/08 08:56	jkg	
Vinyl acetate [108-05-4] *	0.19	U	ug/L	1	0.19	2.0	50	EPA 8260B	02/02/08 08:56	jkg	
Vinyl chloride [75-01-4] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 08:56	jkg	

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Description:	4116-MW5	**Lab Sample ID:**	C717601-05	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 14:09	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	02/02/08 08:56	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*85 %*	*69-120*	*8B01011*	*EPA 8260B*	*02/02/08 08:56*	*jkg*	
Dibromofluoromethane	*42*	*1*	*50.0*	*83 %*	*61-120*	*8B01011*	*EPA 8260B*	*02/02/08 08:56*	*jkg*	
Toluene-d8	*40*	*1*	*50.0*	*79 %*	*75-99*	*8B01011*	*EPA 8260B*	*02/02/08 08:56*	*jkg*	

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Description: 4116-MW5
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-05
Sampled: 01/30/08 14:09
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	02/07/08 13:52	JDH	
Arsenic [7440-38-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:19	VLO	
Barium [7440-39-3] *	**110**		ug/L	1	0.20	10.0	100	EPA 6010B	02/06/08 12:19	VLO	
Beryllium [7440-41-7] *	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	02/06/08 12:19	VLO	
Cadmium [7440-43-9] *	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	02/06/08 12:19	VLO	
Chromium [7440-47-3] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:19	VLO	
Cobalt [7440-48-4] *	**5.6**	J	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:19	VLO	
Copper [7440-50-8] *	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	02/06/08 12:19	VLO	
Iron [7439-89-6] *	**21100**		ug/L	1	20	50	300	EPA 6010B	02/06/08 12:19	VLO	
Lead [7439-92-1] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:19	VLO	
Manganese [7439-96-5] *	**4340**		ug/L	1	1.4	10.0	50	EPA 6010B	02/06/08 12:19	VLO	
Mercury [7439-97-6] *	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	02/04/08 15:40	MPL	
Nickel [7440-02-0] *	**6.5**	J	ug/L	1	2.0	10.0	50	EPA 6010B	02/06/08 12:19	VLO	
Selenium [7782-49-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:19	VLO	
Silver [7440-22-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:19	VLO	
Thallium [7440-28-0] *	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	02/07/08 13:52	JDH	
Vanadium [7440-62-2] *	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	02/06/08 12:19	VLO	
Zinc [7440-66-6] *	**3.0**	J	ug/L	1	1.0	10.0	10	EPA 6010B	02/06/08 12:19	VLO	

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Description:	4116-MW5	**Lab Sample ID:**	C717601-05	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 14:09	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Classical Chemistry Parameters

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Chloride [16887-00-6] *	**16**		mg/L	1	0.48	5.0	NE	SM4500-Cl/E	02/04/08 15:25	PEV	
Total Alkalinity [NA] *	**310**	D	mg/L	2	9.4	30	NE	EPA 310.2	02/05/08 11:59	PEV	
Total Dissolved Solids [NA] *	**410**		mg/L	1	10	10	NE	EPA 160.1	02/05/08 16:20	JOC	

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Description:	4116-MW5	**Lab Sample ID:**	C717601-05	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 14:09	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Classical Chemistry Parameters

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Sulfate [14808-79-8] *	**79**	J	mg/L	1	0.03	2.0	250	EPA 300.0	02/01/08 22:53	RSA	

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Description: 4116-MW6
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-06
Sampled: 01/30/08 13:10
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 09:25	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	02/02/08 09:25	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
1,1-Dichloroethane [75-34-3] *	0.090	U	ug/L	1	0.090	1.0	5	EPA 8260B	02/02/08 09:25	jkg	
1,1-Dichloroethene [75-35-4] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 09:25	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.19	U	ug/L	1	0.19	1.0	13	EPA 8260B	02/02/08 09:25	jkg	
1,2-Dibromoethane [106-93-4] *	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	02/02/08 09:25	jkg	
1,2-Dichloroethane [107-06-2] *	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
1,2-Dichloropropane [78-87-5] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
2-Butanone [78-93-3] *	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	02/02/08 09:25	jkg	
2-Hexanone [591-78-6] *	0.24	U	ug/L	1	0.24	5.0	50	EPA 8260B	02/02/08 09:25	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.36	U	ug/L	1	0.36	5.0	100	EPA 8260B	02/02/08 09:25	jkg	
Acetone [67-64-1] *	0.90	U	ug/L	1	0.90	5.0	100	EPA 8260B	02/02/08 09:25	jkg	
Acrylonitrile [107-13-1] *	2.0	U	ug/L	1	2.0	5.0	200	EPA 8260B	02/02/08 09:25	jkg	
Benzene [71-43-2] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
Bromochloromethane [74-97-5] *	0.19	U	ug/L	1	0.19	1.0	3	EPA 8260B	02/02/08 09:25	jkg	
Bromodichloromethane [75-27-4] *	0.19	U	ug/L	1	0.19	0.40	1	EPA 8260B	02/02/08 09:25	jkg	
Bromoform [75-25-2] *	0.36	U	ug/L	1	0.36	1.0	3	EPA 8260B	02/02/08 09:25	jkg	
Bromomethane [74-83-9] *	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	02/02/08 09:25	jkg	
Carbon disulfide [75-15-0] *	0.12	U	ug/L	1	0.12	5.0	100	EPA 8260B	02/02/08 09:25	jkg	
Carbon tetrachloride [56-23-5] *	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
Chlorobenzene [108-90-7] *	0.16	U	ug/L	1	0.16	1.0	3	EPA 8260B	02/02/08 09:25	jkg	
Chloroethane [75-00-3] *	0.40	U	ug/L	1	0.40	1.0	10	EPA 8260B	02/02/08 09:25	jkg	
Chloroform [67-66-3] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 09:25	jkg	
Chloromethane [74-87-3] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 09:25	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.16	U	ug/L	1	0.16	0.20	1	EPA 8260B	02/02/08 09:25	jkg	
Dibromochloromethane [124-48-1] *	0.18	U	ug/L	1	0.18	1.0	3	EPA 8260B	02/02/08 09:25	jkg	
Dibromomethane [74-95-3] *	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	02/02/08 09:25	jkg	
Ethylbenzene [100-41-4] *	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
Iodomethane [74-88-4] *	0.23	U	ug/L	1	0.23	2.0	10	EPA 8260B	02/02/08 09:25	jkg	
Methylene chloride [75-09-2] *	0.088	U	ug/L	1	0.088	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
Styrene [100-42-5] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
Tetrachloroethene [127-18-4] *	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
Toluene [108-88-3] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.10	U	ug/L	1	0.10	1.0	5	EPA 8260B	02/02/08 09:25	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.18	U	ug/L	1	0.18	0.20	1	EPA 8260B	02/02/08 09:25	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] *	0.60	U	ug/L	1	0.60	1.0	100	EPA 8260B	02/02/08 09:25	jkg	
Trichloroethene [79-01-6] *	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
Trichlorofluoromethane [75-69-4] *	0.16	U	ug/L	1	0.16	1.0	1	EPA 8260B	02/02/08 09:25	jkg	
Vinyl acetate [108-05-4] *	0.19	U	ug/L	1	0.19	2.0	50	EPA 8260B	02/02/08 09:25	jkg	
Vinyl chloride [75-01-4] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 09:25	jkg	

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Description:	4116-MW6	**Lab Sample ID:**	C717601-06	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 13:10	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	02/02/08 09:25	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*89 %*	*69-120*	*8B01011*	*EPA 8260B*	*02/02/08 09:25*	*jkg*	
Dibromofluoromethane	*43*	*1*	*50.0*	*85 %*	*61-120*	*8B01011*	*EPA 8260B*	*02/02/08 09:25*	*jkg*	
Toluene-d8	*40*	*1*	*50.0*	*80 %*	*75-99*	*8B01011*	*EPA 8260B*	*02/02/08 09:25*	*jkg*	

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Description: 4116-MW6
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-06
Sampled: 01/30/08 13:10
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	02/07/08 13:55	JDH	
Arsenic [7440-38-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:26	VLO	
Barium [7440-39-3] *	**82.2**	J	ug/L	1	0.20	10.0	100	EPA 6010B	02/06/08 12:26	VLO	
Beryllium [7440-41-7] *	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	02/06/08 12:26	VLO	
Cadmium [7440-43-9] *	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	02/06/08 12:26	VLO	
Chromium [7440-47-3] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:26	VLO	
Cobalt [7440-48-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:26	VLO	
Copper [7440-50-8] *	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	02/06/08 12:26	VLO	
Iron [7439-89-6] *	**106**	J	ug/L	1	20	50	300	EPA 6010B	02/06/08 12:26	VLO	
Lead [7439-92-1] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:26	VLO	
Manganese [7439-96-5] *	**12.6**	J	ug/L	1	1.4	10.0	50	EPA 6010B	02/06/08 12:26	VLO	
Mercury [7439-97-6] *	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	02/04/08 15:42	MPL	
Nickel [7440-02-0] *	2.0	U	ug/L	1	2.0	10.0	50	EPA 6010B	02/06/08 12:26	VLO	
Selenium [7782-49-2] *	**2.0**	J	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:26	VLO	
Silver [7440-22-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:26	VLO	
Thallium [7440-28-0] *	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	02/07/08 13:55	JDH	
Vanadium [7440-62-2] *	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	02/06/08 12:26	VLO	
Zinc [7440-66-6] *	**4.9**	J	ug/L	1	1.0	10.0	10	EPA 6010B	02/06/08 12:26	VLO	

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Description:	4116-MW6	**Lab Sample ID:**	C717601-06	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 13:10	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Classical Chemistry Parameters

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Chloride [16887-00-6] *	**15**		mg/L	1	0.48	5.0	NE	SM4500-Cl/E	02/04/08 15:26	PEV	
Total Alkalinity [NA] *	**89**		mg/L	1	4.7	15	NE	EPA 310.2	02/05/08 12:00	PEV	
Total Dissolved Solids [NA] *	**310**		mg/L	1	10	10	NE	EPA 160.1	02/05/08 16:20	JOC	

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Description:	4116-MW6	**Lab Sample ID:**	C717601-06	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 13:10	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Classical Chemistry Parameters

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Sulfate [14808-79-8] *	**26**	J	mg/L	1	0.03	2.0	250	EPA 300.0	02/01/08 23:12	RSA	

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Description: 4116-MW7S
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-07
Sampled: 01/30/08 15:10
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 09:54	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	02/02/08 09:54	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
1,1-Dichloroethane [75-34-3] *	0.090	U	ug/L	1	0.090	1.0	5	EPA 8260B	02/02/08 09:54	jkg	
1,1-Dichloroethene [75-35-4] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 09:54	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.19	U	ug/L	1	0.19	1.0	13	EPA 8260B	02/02/08 09:54	jkg	
1,2-Dibromoethane [106-93-4] *	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	02/02/08 09:54	jkg	
1,2-Dichloroethane [107-06-2] *	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
1,2-Dichloropropane [78-87-5] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
2-Butanone [78-93-3] *	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	02/02/08 09:54	jkg	
2-Hexanone [591-78-6] *	0.24	U	ug/L	1	0.24	5.0	50	EPA 8260B	02/02/08 09:54	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.36	U	ug/L	1	0.36	5.0	100	EPA 8260B	02/02/08 09:54	jkg	
Acetone [67-64-1] *	0.90	U	ug/L	1	0.90	5.0	100	EPA 8260B	02/02/08 09:54	jkg	
Acrylonitrile [107-13-1] *	2.0	U	ug/L	1	2.0	5.0	200	EPA 8260B	02/02/08 09:54	jkg	
Benzene [71-43-2] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
Bromochloromethane [74-97-5] *	0.19	U	ug/L	1	0.19	1.0	3	EPA 8260B	02/02/08 09:54	jkg	
Bromodichloromethane [75-27-4] *	0.19	U	ug/L	1	0.19	0.40	1	EPA 8260B	02/02/08 09:54	jkg	
Bromoform [75-25-2] *	0.36	U	ug/L	1	0.36	1.0	3	EPA 8260B	02/02/08 09:54	jkg	
Bromomethane [74-83-9] *	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	02/02/08 09:54	jkg	
Carbon disulfide [75-15-0] *	0.12	U	ug/L	1	0.12	5.0	100	EPA 8260B	02/02/08 09:54	jkg	
Carbon tetrachloride [56-23-5] *	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
Chlorobenzene [108-90-7] *	0.16	U	ug/L	1	0.16	1.0	3	EPA 8260B	02/02/08 09:54	jkg	
Chloroethane [75-00-3] *	0.40	U	ug/L	1	0.40	1.0	10	EPA 8260B	02/02/08 09:54	jkg	
Chloroform [67-66-3] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 09:54	jkg	
Chloromethane [74-87-3] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 09:54	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.16	U	ug/L	1	0.16	0.20	1	EPA 8260B	02/02/08 09:54	jkg	
Dibromochloromethane [124-48-1] *	0.18	U	ug/L	1	0.18	1.0	3	EPA 8260B	02/02/08 09:54	jkg	
Dibromomethane [74-95-3] *	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	02/02/08 09:54	jkg	
Ethylbenzene [100-41-4] *	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
Iodomethane [74-88-4] *	0.23	U	ug/L	1	0.23	2.0	10	EPA 8260B	02/02/08 09:54	jkg	
Methylene chloride [75-09-2] *	0.088	U	ug/L	1	0.088	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
Styrene [100-42-5] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
Tetrachloroethene [127-18-4] *	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
Toluene [108-88-3] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.10	U	ug/L	1	0.10	1.0	5	EPA 8260B	02/02/08 09:54	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.18	U	ug/L	1	0.18	0.20	1	EPA 8260B	02/02/08 09:54	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] *	0.60	U	ug/L	1	0.60	1.0	100	EPA 8260B	02/02/08 09:54	jkg	
Trichloroethene [79-01-6] *	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
Trichlorofluoromethane [75-69-4] *	0.16	U	ug/L	1	0.16	1.0	1	EPA 8260B	02/02/08 09:54	jkg	
Vinyl acetate [108-05-4] *	0.19	U	ug/L	1	0.19	2.0	50	EPA 8260B	02/02/08 09:54	jkg	
Vinyl chloride [75-01-4] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 09:54	jkg	

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Description:	4116-MW7S	**Lab Sample ID:**	C717601-07	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 15:10	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	02/02/08 09:54	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*90 %*	*69-120*	*8B01011*	*EPA 8260B*	*02/02/08 09:54*	*jkg*	
Dibromofluoromethane	*41*	*1*	*50.0*	*82 %*	*61-120*	*8B01011*	*EPA 8260B*	*02/02/08 09:54*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*81 %*	*75-99*	*8B01011*	*EPA 8260B*	*02/02/08 09:54*	*jkg*	

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Description: 4116-MW7S
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-07
Sampled: 01/30/08 15:10
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	02/07/08 13:58	JDH	
Arsenic [7440-38-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:33	VLO	
Barium [7440-39-3] *	**143**		ug/L	1	0.20	10.0	100	EPA 6010B	02/06/08 12:33	VLO	
Beryllium [7440-41-7] *	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	02/06/08 12:33	VLO	
Cadmium [7440-43-9] *	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	02/06/08 12:33	VLO	
Chromium [7440-47-3] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:33	VLO	
Cobalt [7440-48-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:33	VLO	
Copper [7440-50-8] *	**2.70**	J	ug/L	1	0.60	10.0	10	EPA 6010B	02/06/08 12:33	VLO	
Iron [7439-89-6] *	**3320**		ug/L	1	20	50	300	EPA 6010B	02/06/08 12:33	VLO	
Lead [7439-92-1] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:33	VLO	
Manganese [7439-96-5] *	**64.8**		ug/L	1	1.4	10.0	50	EPA 6010B	02/06/08 12:33	VLO	
Mercury [7439-97-6] *	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	02/04/08 15:46	MPL	
Nickel [7440-02-0] *	**6.0**	J	ug/L	1	2.0	10.0	50	EPA 6010B	02/06/08 12:33	VLO	
Selenium [7782-49-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:33	VLO	
Silver [7440-22-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:33	VLO	
Thallium [7440-28-0] *	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	02/07/08 13:58	JDH	
Vanadium [7440-62-2] *	**13.3**	J	ug/L	1	1.0	10.0	25	EPA 6010B	02/06/08 12:33	VLO	
Zinc [7440-66-6] *	**9.1**	J	ug/L	1	1.0	10.0	10	EPA 6010B	02/06/08 12:33	VLO	

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Description:	4116-MW7S	**Lab Sample ID:**	C717601-07	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 15:10	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Classical Chemistry Parameters

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Chloride [16887-00-6] *	**3.3**	J	mg/L	1	0.48	5.0	NE	SM4500-Cl/E	02/04/08 15:27	PEV	
Total Alkalinity [NA] *	**100**		mg/L	1	4.7	15	NE	EPA 310.2	02/05/08 12:01	PEV	
Total Dissolved Solids [NA] *	**180**		mg/L	1	10	10	NE	EPA 160.1	02/05/08 16:20	JOC	

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Description:	4116-MW7S	**Lab Sample ID:**	C717601-07	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 15:10	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Classical Chemistry Parameters

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Sulfate [14808-79-8] *	**10**	J	mg/L	1	0.03	2.0	250	EPA 300.0	02/01/08 23:32	RSA	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 4116-MW8
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-08
Sampled: 01/30/08 09:17
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 15:44	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	02/02/08 15:44	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
1,1-Dichloroethane [75-34-3] *	0.090	U	ug/L	1	0.090	1.0	5	EPA 8260B	02/02/08 15:44	jkg	
1,1-Dichloroethene [75-35-4] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 15:44	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.19	U	ug/L	1	0.19	1.0	13	EPA 8260B	02/02/08 15:44	jkg	
1,2-Dibromoethane [106-93-4] *	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	02/02/08 15:44	jkg	
1,2-Dichloroethane [107-06-2] *	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
1,2-Dichloropropane [78-87-5] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
2-Butanone [78-93-3] *	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	02/02/08 15:44	jkg	
2-Hexanone [591-78-6] *	0.24	U	ug/L	1	0.24	5.0	50	EPA 8260B	02/02/08 15:44	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.36	U	ug/L	1	0.36	5.0	100	EPA 8260B	02/02/08 15:44	jkg	
Acetone [67-64-1] *	0.90	U	ug/L	1	0.90	5.0	100	EPA 8260B	02/02/08 15:44	jkg	
Acrylonitrile [107-13-1] *	2.0	U	ug/L	1	2.0	5.0	200	EPA 8260B	02/02/08 15:44	jkg	
Benzene [71-43-2] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
Bromochloromethane [74-97-5] *	0.19	U	ug/L	1	0.19	1.0	3	EPA 8260B	02/02/08 15:44	jkg	
Bromodichloromethane [75-27-4] *	0.19	U	ug/L	1	0.19	0.40	1	EPA 8260B	02/02/08 15:44	jkg	
Bromoform [75-25-2] *	0.36	U	ug/L	1	0.36	1.0	3	EPA 8260B	02/02/08 15:44	jkg	
Bromomethane [74-83-9] *	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	02/02/08 15:44	jkg	
Carbon disulfide [75-15-0] *	0.12	U	ug/L	1	0.12	5.0	100	EPA 8260B	02/02/08 15:44	jkg	
Carbon tetrachloride [56-23-5] *	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
Chlorobenzene [108-90-7] *	0.16	U	ug/L	1	0.16	1.0	3	EPA 8260B	02/02/08 15:44	jkg	
Chloroethane [75-00-3] *	0.40	U	ug/L	1	0.40	1.0	10	EPA 8260B	02/02/08 15:44	jkg	
Chloroform [67-66-3] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 15:44	jkg	
Chloromethane [74-87-3] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 15:44	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.16	U	ug/L	1	0.16	0.20	1	EPA 8260B	02/02/08 15:44	jkg	
Dibromochloromethane [124-48-1] *	0.18	U	ug/L	1	0.18	1.0	3	EPA 8260B	02/02/08 15:44	jkg	
Dibromomethane [74-95-3] *	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	02/02/08 15:44	jkg	
Ethylbenzene [100-41-4] *	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
Iodomethane [74-88-4] *	0.23	U	ug/L	1	0.23	2.0	10	EPA 8260B	02/02/08 15:44	jkg	
Methylene chloride [75-09-2] *	0.088	U	ug/L	1	0.088	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
Styrene [100-42-5] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
Tetrachloroethene [127-18-4] *	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
Toluene [108-88-3] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.10	U	ug/L	1	0.10	1.0	5	EPA 8260B	02/02/08 15:44	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.18	U	ug/L	1	0.18	0.20	1	EPA 8260B	02/02/08 15:44	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] *	0.60	U	ug/L	1	0.60	1.0	100	EPA 8260B	02/02/08 15:44	jkg	
Trichloroethene [79-01-6] *	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
Trichlorofluoromethane [75-69-4] *	0.16	U	ug/L	1	0.16	1.0	1	EPA 8260B	02/02/08 15:44	jkg	
Vinyl acetate [108-05-4] *	0.19	U	ug/L	1	0.19	2.0	50	EPA 8260B	02/02/08 15:44	jkg	
Vinyl chloride [75-01-4] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 15:44	jkg	

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Description:	4116-MW8	**Lab Sample ID:**	C717601-08	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 09:17	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	02/02/08 15:44	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*91 %*	*69-120*	*8B02002*	*EPA 8260B*	*02/02/08 15:44*	*jkg*	
Dibromofluoromethane	*40*	*1*	*50.0*	*80 %*	*61-120*	*8B02002*	*EPA 8260B*	*02/02/08 15:44*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*82 %*	*75-99*	*8B02002*	*EPA 8260B*	*02/02/08 15:44*	*jkg*	

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Description: 4116-MW8
Matrix: Ground Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-08
Sampled: 01/30/08 09:17
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	02/07/08 14:01	JDH	
Arsenic [7440-38-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:40	VLO	
Barium [7440-39-3] *	**66.8**	J	ug/L	1	0.20	10.0	100	EPA 6010B	02/06/08 12:40	VLO	
Beryllium [7440-41-7] *	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	02/06/08 12:40	VLO	
Cadmium [7440-43-9] *	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	02/06/08 12:40	VLO	
Chromium [7440-47-3] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:40	VLO	
Cobalt [7440-48-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:40	VLO	
Copper [7440-50-8] *	**5.30**	J	ug/L	1	0.60	10.0	10	EPA 6010B	02/06/08 12:40	VLO	
Iron [7439-89-6] *	**1110**		ug/L	1	20	50	300	EPA 6010B	02/06/08 12:40	VLO	
Lead [7439-92-1] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:40	VLO	
Manganese [7439-96-5] *	**208**		ug/L	1	1.4	10.0	50	EPA 6010B	02/06/08 12:40	VLO	
Mercury [7439-97-6] *	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	02/04/08 15:54	MPL	
Nickel [7440-02-0] *	**3.3**	J	ug/L	1	2.0	10.0	50	EPA 6010B	02/06/08 12:40	VLO	
Selenium [7782-49-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:40	VLO	
Silver [7440-22-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:40	VLO	
Thallium [7440-28-0] *	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	02/07/08 14:01	JDH	
Vanadium [7440-62-2] *	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	02/06/08 12:40	VLO	
Zinc [7440-66-6] *	**4.4**	J	ug/L	1	1.0	10.0	10	EPA 6010B	02/06/08 12:40	VLO	

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Description:	4116-MW8	**Lab Sample ID:**	C717601-08	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 09:17	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Classical Chemistry Parameters

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Chloride [16887-00-6] *	**9.4**		mg/L	1	0.48	5.0	NE	SM4500-Cl/E	02/04/08 15:27	PEV	
Total Alkalinity [NA] *	**170**		mg/L	1	4.7	15	NE	EPA 310.2	02/05/08 12:01	PEV	
Total Dissolved Solids [NA] *	**240**		mg/L	1	10	10	NE	EPA 160.1	02/05/08 16:20	JOC	

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Description:	4116-MW8	**Lab Sample ID:**	C717601-08	**Received:**	01/31/08 12:20
Matrix:	Ground Water	**Sampled:**	01/30/08 09:17	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Classical Chemistry Parameters

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Sulfate [14808-79-8] *	**9.2**	J	mg/L	1	0.03	2.0	250	EPA 300.0	02/01/08 23:51	RSA	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: Field Blank
Matrix: Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-09
Sampled: 01/30/08 15:36
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 16:13	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	02/02/08 16:13	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
1,1-Dichloroethane [75-34-3] *	0.090	U	ug/L	1	0.090	1.0	5	EPA 8260B	02/02/08 16:13	jkg	
1,1-Dichloroethene [75-35-4] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 16:13	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.19	U	ug/L	1	0.19	1.0	13	EPA 8260B	02/02/08 16:13	jkg	
1,2-Dibromoethane [106-93-4] *	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	02/02/08 16:13	jkg	
1,2-Dichloroethane [107-06-2] *	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
1,2-Dichloropropane [78-87-5] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
2-Butanone [78-93-3] *	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	02/02/08 16:13	jkg	
2-Hexanone [591-78-6] *	0.24	U	ug/L	1	0.24	5.0	50	EPA 8260B	02/02/08 16:13	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.36	U	ug/L	1	0.36	5.0	100	EPA 8260B	02/02/08 16:13	jkg	
Acetone [67-64-1] *	0.90	U	ug/L	1	0.90	5.0	100	EPA 8260B	02/02/08 16:13	jkg	
Acrylonitrile [107-13-1] *	2.0	U	ug/L	1	2.0	5.0	200	EPA 8260B	02/02/08 16:13	jkg	
Benzene [71-43-2] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
Bromochloromethane [74-97-5] *	0.19	U	ug/L	1	0.19	1.0	3	EPA 8260B	02/02/08 16:13	jkg	
Bromodichloromethane [75-27-4] *	0.19	U	ug/L	1	0.19	0.40	1	EPA 8260B	02/02/08 16:13	jkg	
Bromoform [75-25-2] *	0.36	U	ug/L	1	0.36	1.0	3	EPA 8260B	02/02/08 16:13	jkg	
Bromomethane [74-83-9] *	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	02/02/08 16:13	jkg	
Carbon disulfide [75-15-0] *	0.12	U	ug/L	1	0.12	5.0	100	EPA 8260B	02/02/08 16:13	jkg	
Carbon tetrachloride [56-23-5] *	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
Chlorobenzene [108-90-7] *	0.16	U	ug/L	1	0.16	1.0	3	EPA 8260B	02/02/08 16:13	jkg	
Chloroethane [75-00-3] *	0.40	U	ug/L	1	0.40	1.0	10	EPA 8260B	02/02/08 16:13	jkg	
Chloroform [67-66-3] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 16:13	jkg	
Chloromethane [74-87-3] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 16:13	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.16	U	ug/L	1	0.16	0.20	1	EPA 8260B	02/02/08 16:13	jkg	
Dibromochloromethane [124-48-1] *	0.18	U	ug/L	1	0.18	1.0	3	EPA 8260B	02/02/08 16:13	jkg	
Dibromomethane [74-95-3] *	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	02/02/08 16:13	jkg	
Ethylbenzene [100-41-4] *	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
Iodomethane [74-88-4] *	0.23	U	ug/L	1	0.23	2.0	10	EPA 8260B	02/02/08 16:13	jkg	
Methylene chloride [75-09-2] *	0.088	U	ug/L	1	0.088	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
Styrene [100-42-5] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
Tetrachloroethene [127-18-4] *	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
Toluene [108-88-3] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.10	U	ug/L	1	0.10	1.0	5	EPA 8260B	02/02/08 16:13	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.18	U	ug/L	1	0.18	0.20	1	EPA 8260B	02/02/08 16:13	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] *	0.60	U	ug/L	1	0.60	1.0	100	EPA 8260B	02/02/08 16:13	jkg	
Trichloroethene [79-01-6] *	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
Trichlorofluoromethane [75-69-4] *	0.16	U	ug/L	1	0.16	1.0	1	EPA 8260B	02/02/08 16:13	jkg	
Vinyl acetate [108-05-4] *	0.19	U	ug/L	1	0.19	2.0	50	EPA 8260B	02/02/08 16:13	jkg	
Vinyl chloride [75-01-4] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 16:13	jkg	

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Description:	Field Blank	**Lab Sample ID:**	C717601-09	**Received:**	01/31/08 12:20
Matrix:	Water	**Sampled:**	01/30/08 15:36	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	02/02/08 16:13	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*92 %*	*69-120*	*8B02002*	*EPA 8260B*	*02/02/08 16:13*	*jkg*	
Dibromofluoromethane	*40*	*1*	*50.0*	*81 %*	*61-120*	*8B02002*	*EPA 8260B*	*02/02/08 16:13*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*82 %*	*75-99*	*8B02002*	*EPA 8260B*	*02/02/08 16:13*	*jkg*	

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Description: Field Blank
Matrix: Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-09
Sampled: 01/30/08 15:36
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	02/07/08 14:03	JDH	
Arsenic [7440-38-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:47	VLO	
Barium [7440-39-3] *	**0.30**	J	ug/L	1	0.20	10.0	100	EPA 6010B	02/06/08 12:47	VLO	
Beryllium [7440-41-7] *	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	02/06/08 12:47	VLO	
Cadmium [7440-43-9] *	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	02/06/08 12:47	VLO	
Chromium [7440-47-3] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:47	VLO	
Cobalt [7440-48-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:47	VLO	
Copper [7440-50-8] *	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	02/06/08 12:47	VLO	
Lead [7439-92-1] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:47	VLO	
Nickel [7440-02-0] *	2.0	U	ug/L	1	2.0	10.0	50	EPA 6010B	02/06/08 12:47	VLO	
Selenium [7782-49-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:47	VLO	
Silver [7440-22-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 12:47	VLO	
Thallium [7440-28-0] *	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	02/07/08 14:03	JDH	
Vanadium [7440-62-2] *	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	02/06/08 12:47	VLO	
Zinc [7440-66-6] *	**1.6**	J	ug/L	1	1.0	10.0	10	EPA 6010B	02/06/08 12:47	VLO	

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Description: Trip Blank
Matrix: Water
Project: WCA of High Point, LLC

Lab Sample ID: C717601-10
Sampled: 01/30/08 00:00
Sampled By: Ryan Stringfellow

Received: 01/31/08 12:20
Work Order: C717601

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 16:42	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	02/02/08 16:42	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
1,1-Dichloroethane [75-34-3] *	0.090	U	ug/L	1	0.090	1.0	5	EPA 8260B	02/02/08 16:42	jkg	
1,1-Dichloroethene [75-35-4] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 16:42	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.19	U	ug/L	1	0.19	1.0	13	EPA 8260B	02/02/08 16:42	jkg	
1,2-Dibromoethane [106-93-4] *	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	02/02/08 16:42	jkg	
1,2-Dichloroethane [107-06-2] *	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
1,2-Dichloropropane [78-87-5] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
2-Butanone [78-93-3] *	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	02/02/08 16:42	jkg	
2-Hexanone [591-78-6] *	0.24	U	ug/L	1	0.24	5.0	50	EPA 8260B	02/02/08 16:42	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.36	U	ug/L	1	0.36	5.0	100	EPA 8260B	02/02/08 16:42	jkg	
Acetone [67-64-1] *	0.90	U	ug/L	1	0.90	5.0	100	EPA 8260B	02/02/08 16:42	jkg	
Acrylonitrile [107-13-1] *	2.0	U	ug/L	1	2.0	5.0	200	EPA 8260B	02/02/08 16:42	jkg	
Benzene [71-43-2] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
Bromochloromethane [74-97-5] *	0.19	U	ug/L	1	0.19	1.0	3	EPA 8260B	02/02/08 16:42	jkg	
Bromodichloromethane [75-27-4] *	0.19	U	ug/L	1	0.19	0.40	1	EPA 8260B	02/02/08 16:42	jkg	
Bromoform [75-25-2] *	0.36	U	ug/L	1	0.36	1.0	3	EPA 8260B	02/02/08 16:42	jkg	
Bromomethane [74-83-9] *	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	02/02/08 16:42	jkg	
Carbon disulfide [75-15-0] *	0.12	U	ug/L	1	0.12	5.0	100	EPA 8260B	02/02/08 16:42	jkg	
Carbon tetrachloride [56-23-5] *	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
Chlorobenzene [108-90-7] *	0.16	U	ug/L	1	0.16	1.0	3	EPA 8260B	02/02/08 16:42	jkg	
Chloroethane [75-00-3] *	0.40	U	ug/L	1	0.40	1.0	10	EPA 8260B	02/02/08 16:42	jkg	
Chloroform [67-66-3] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 16:42	jkg	
Chloromethane [74-87-3] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 16:42	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.16	U	ug/L	1	0.16	0.20	1	EPA 8260B	02/02/08 16:42	jkg	
Dibromochloromethane [124-48-1] *	0.18	U	ug/L	1	0.18	1.0	3	EPA 8260B	02/02/08 16:42	jkg	
Dibromomethane [74-95-3] *	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	02/02/08 16:42	jkg	
Ethylbenzene [100-41-4] *	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
Iodomethane [74-88-4] *	0.23	U	ug/L	1	0.23	2.0	10	EPA 8260B	02/02/08 16:42	jkg	
Methylene chloride [75-09-2] *	0.088	U	ug/L	1	0.088	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
Styrene [100-42-5] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
Tetrachloroethene [127-18-4] *	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
Toluene [108-88-3] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.10	U	ug/L	1	0.10	1.0	5	EPA 8260B	02/02/08 16:42	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.18	U	ug/L	1	0.18	0.20	1	EPA 8260B	02/02/08 16:42	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] *	0.60	U	ug/L	1	0.60	1.0	100	EPA 8260B	02/02/08 16:42	jkg	
Trichloroethene [79-01-6] *	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
Trichlorofluoromethane [75-69-4] *	0.16	U	ug/L	1	0.16	1.0	1	EPA 8260B	02/02/08 16:42	jkg	
Vinyl acetate [108-05-4] *	0.19	U	ug/L	1	0.19	2.0	50	EPA 8260B	02/02/08 16:42	jkg	
Vinyl chloride [75-01-4] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 16:42	jkg	

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Description:	Trip Blank	**Lab Sample ID:**	C717601-10	**Received:**	01/31/08 12:20
Matrix:	Water	**Sampled:**	01/30/08 00:00	**Work Order:**	C717601
Project:	WCA of High Point, LLC	**Sampled By:**	Ryan Stringfellow		

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	02/02/08 16:42	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*90 %*	*69-120*	*8B02002*	*EPA 8260B*	*02/02/08 16:42*	*jkg*	
Dibromofluoromethane	*40*	*1*	*50.0*	*80 %*	*61-120*	*8B02002*	*EPA 8260B*	*02/02/08 16:42*	*jkg*	
Toluene-d8	*38*	*1*	*50.0*	*76 %*	*75-99*	*8B02002*	*EPA 8260B*	*02/02/08 16:42*	*jkg*	

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QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8B01011 - EPA 5030B_MS

Blank (8B01011-BLK1) Prepared: 02/01/2008 11:27 Analyzed: 02/02/2008 00:11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	0.18	U	1.0	ug/L							
Vinyl chloride	0.15	U	1.0	ug/L							
Bromomethane	0.21	U	1.0	ug/L							
Chloroethane	0.40	U	1.0	ug/L							
Trichlorofluoromethane	0.16	U	1.0	ug/L							
1,1-Dichloroethene	0.14	U	1.0	ug/L							
Acetone	0.90	U	5.0	ug/L							
Iodomethane	0.23	U	2.0	ug/L							
Carbon disulfide	0.12	U	5.0	ug/L							
Methylene chloride	0.088	U	2.0	ug/L							
Acrylonitrile	2.0	U	5.0	ug/L							
trans-1,2-Dichloroethene	0.10	U	1.0	ug/L							
1,1-Dichloroethane	0.090	U	1.0	ug/L							
Vinyl acetate	0.19	U	2.0	ug/L							
2-Butanone	0.56	U	5.0	ug/L							
cis-1,2-Dichloroethene	0.14	U	1.0	ug/L							
Bromochloromethane	0.19	U	1.0	ug/L							
Chloroform	0.16	U	1.0	ug/L							
1,1,1-Trichloroethane	0.24	U	1.0	ug/L							
Carbon tetrachloride	0.38	U	1.0	ug/L							
1,2-Dichloroethane	0.36	U	1.0	ug/L							
Benzene	0.12	U	1.0	ug/L							
Trichloroethene	0.23	U	1.0	ug/L							
1,2-Dichloropropane	0.18	U	1.0	ug/L							
Dibromomethane	0.14	U	1.0	ug/L							
Bromodichloromethane	0.19	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.16	U	1.0	ug/L							
4-Methyl-2-pentanone	0.36	U	5.0	ug/L							
Toluene	0.15	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.18	U	1.0	ug/L							
1,1,2-Trichloroethane	0.24	U	1.0	ug/L							
Tetrachloroethene	0.25	U	1.0	ug/L							
2-Hexanone	0.24	U	5.0	ug/L							
Dibromochloromethane	0.18	U	1.0	ug/L							
1,2-Dibromoethane	0.19	U	1.0	ug/L							
Chlorobenzene	0.16	U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	0.16	U	1.0	ug/L							
Ethylbenzene	0.17	U	1.0	ug/L							
Styrene	0.12	U	1.0	ug/L							
Bromoform	0.36	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.27	U	1.0	ug/L							
1,2,3-Trichloropropane	0.32	U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	0.60	U	1.0	ug/L							
1,4-Dichlorobenzene	0.15	U	1.0	ug/L							
1,2-Dichlorobenzene	0.17	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.19	U	1.0	ug/L							
Xylenes (Total)	0.21	U	1.0	ug/L							
Surrogate: Dibromofluoromethane	*40*			*ug/L*	*50.0*		*80*	*61-120*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8B01011 - EPA 5030B_MS

Blank (8B01011-BLK1) Continued Prepared: 02/01/2008 11:27 Analyzed: 02/02/2008 00:11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Toluene-d8	*40*			*ug/L*	*50.0*		*81*	*75-99*			
Surrogate: 4-Bromofluorobenzene	*45*			*ug/L*	*50.0*		*90*	*69-120*			

LCS (8B01011-BS1) Prepared: 02/01/2008 11:27 Analyzed: 02/02/2008 00:40

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	16		1.0	ug/L	20.0		81	71-121			
Benzene	19		1.0	ug/L	20.0		94	77-128			
Trichloroethene	17		1.0	ug/L	20.0		87	79-120			
Toluene	17		1.0	ug/L	20.0		84	77-120			
Chlorobenzene	18		1.0	ug/L	20.0		88	78-120			

Matrix Spike (8B01011-MS1) Prepared: 02/01/2008 11:27 Analyzed: 02/02/2008 01:09

Source: C717837-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.14 U	96	71-121			
Benzene	20		1.0	ug/L	20.0	0.12 U	100	77-128			
Trichloroethene	20		1.0	ug/L	20.0	0.23 U	99	79-120			
Toluene	18		1.0	ug/L	20.0	0.15 U	90	77-120			
Chlorobenzene	19		1.0	ug/L	20.0	0.16 U	94	78-120			

Matrix Spike Dup (8B01011-MSD1) Prepared: 02/01/2008 11:27 Analyzed: 02/02/2008 01:39

Source: C717837-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	17		1.0	ug/L	20.0	0.14 U	87	71-121	10	27	
Benzene	21		1.0	ug/L	20.0	0.12 U	105	77-128	5	27	
Trichloroethene	20		1.0	ug/L	20.0	0.23 U	98	79-120	0.7	27	
Toluene	16		1.0	ug/L	20.0	0.15 U	82	77-120	9	23	
Chlorobenzene	17		1.0	ug/L	20.0	0.16 U	86	78-120	9	25	

Batch 8B02002 - EPA 5030B_MS

Blank (8B02002-BLK1) Prepared: 02/02/2008 11:25 Analyzed: 02/02/2008 12:49

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	0.18	U	1.0	ug/L							
Vinyl chloride	0.15	U	1.0	ug/L							
Bromomethane	0.21	U	1.0	ug/L							
Chloroethane	0.40	U	1.0	ug/L							
Trichlorofluoromethane	0.16	U	1.0	ug/L							
1,1-Dichloroethene	0.14	U	1.0	ug/L							
Acetone	0.90	U	5.0	ug/L							
Iodomethane	0.23	U	2.0	ug/L							
Carbon disulfide	0.12	U	5.0	ug/L							
Methylene chloride	0.088	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8B02002 - EPA 5030B_MS

Blank (8B02002-BLK1) Continued Prepared: 02/02/2008 11:25 Analyzed: 02/02/2008 12:49

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Acrylonitrile	2.0	U	5.0	ug/L							
trans-1,2-Dichloroethene	0.10	U	1.0	ug/L							
1,1-Dichloroethane	0.090	U	1.0	ug/L							
Vinyl acetate	0.19	U	2.0	ug/L							
2-Butanone	0.56	U	5.0	ug/L							
cis-1,2-Dichloroethene	0.14	U	1.0	ug/L							
Bromochloromethane	0.19	U	1.0	ug/L							
Chloroform	0.16	U	1.0	ug/L							
1,1,1-Trichloroethane	0.24	U	1.0	ug/L							
Carbon tetrachloride	0.38	U	1.0	ug/L							
1,2-Dichloroethane	0.36	U	1.0	ug/L							
Benzene	0.12	U	1.0	ug/L							
Trichloroethene	0.23	U	1.0	ug/L							
1,2-Dichloropropane	0.18	U	1.0	ug/L							
Dibromomethane	0.14	U	1.0	ug/L							
Bromodichloromethane	0.19	U	0.40	ug/L							
cis-1,3-Dichloropropene	0.16	U	0.20	ug/L							
4-Methyl-2-pentanone	0.36	U	5.0	ug/L							
Toluene	0.15	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.18	U	0.20	ug/L							
1,1,2-Trichloroethane	0.24	U	1.0	ug/L							
Tetrachloroethene	0.25	U	1.0	ug/L							
2-Hexanone	0.24	U	5.0	ug/L							
Dibromochloromethane	0.18	U	1.0	ug/L							
1,2-Dibromoethane	0.19	U	1.0	ug/L							
Chlorobenzene	0.16	U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	0.16	U	1.0	ug/L							
Ethylbenzene	0.17	U	1.0	ug/L							
Styrene	0.12	U	1.0	ug/L							
Bromoform	0.36	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.27	U	1.0	ug/L							
1,2,3-Trichloropropane	0.32	U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	0.60	U	1.0	ug/L							
1,4-Dichlorobenzene	0.15	U	1.0	ug/L							
1,2-Dichlorobenzene	0.17	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.19	U	1.0	ug/L							
Xylenes (Total)	0.21	U	1.0	ug/L							
Surrogate: Dibromofluoromethane	*39*			*ug/L*	*50.0*		*79*	*61-120*			
Surrogate: Toluene-d8	*40*			*ug/L*	*50.0*		*80*	*75-99*			
Surrogate: 4-Bromofluorobenzene	*45*			*ug/L*	*50.0*		*91*	*69-120*			

LCS (8B02002-BS1) Prepared: 02/02/2008 11:25 Analyzed: 02/02/2008 13:19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	16		1.0	ug/L	20.0		79	71-121			
Benzene	19		1.0	ug/L	20.0		96	77-128			
Trichloroethene	17		1.0	ug/L	20.0		86	79-120			
Toluene	16		1.0	ug/L	20.0		80	77-120			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8B02002 - EPA 5030B_MS

LCS (8B02002-BS1) Continued Prepared: 02/02/2008 11:25 Analyzed: 02/02/2008 13:19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlorobenzene	17		1.0	ug/L	20.0		86	78-120			

Matrix Spike (8B02002-MS1) Prepared: 02/02/2008 11:25 Analyzed: 02/02/2008 13:48

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.14 U	88	71-121			
Benzene	20		1.0	ug/L	20.0	0.12 U	100	77-128			
Trichloroethene	19		1.0	ug/L	20.0	0.23 U	94	79-120			
Toluene	19		1.0	ug/L	20.0	0.15 U	94	77-120			
Chlorobenzene	19		1.0	ug/L	20.0	0.16 U	94	78-120			

Matrix Spike Dup (8B02002-MSD1) Prepared: 02/02/2008 11:25 Analyzed: 02/02/2008 14:17

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	17		1.0	ug/L	20.0	0.14 U	87	71-121	0.4	27	
Benzene	20		1.0	ug/L	20.0	0.12 U	98	77-128	2	27	
Trichloroethene	19		1.0	ug/L	20.0	0.23 U	94	79-120	0.5	27	
Toluene	17		1.0	ug/L	20.0	0.15 U	85	77-120	10	23	
Chlorobenzene	19		1.0	ug/L	20.0	0.16 U	95	78-120	2	25	

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8B01001 - EPA 3005A

Blank (8B01001-BLK1) Prepared: 02/01/2008 06:45 Analyzed: 02/06/2008 10:36

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	**2.1**	**J**	10.0	ug/L							
Barium	0.20	U	10.0	ug/L							
Beryllium	0.70	U	1.00	ug/L							
Cadmium	0.50	U	1.00	ug/L							
Chromium	2.0	U	10.0	ug/L							
Cobalt	2.0	U	10.0	ug/L							
Copper	0.60	U	10.0	ug/L							
Iron	20	U	50	ug/L							
Lead	2.0	U	10.0	ug/L							
Manganese	1.4	U	10.0	ug/L							
Nickel	2.0	U	10.0	ug/L							
Selenium	2.0	U	10.0	ug/L							
Silver	2.0	U	10.0	ug/L							
Vanadium	1.0	U	10.0	ug/L							
Zinc	1.0	U	10.0	ug/L							

LCS (8B01001-BS1) Prepared: 02/01/2008 06:45 Analyzed: 02/06/2008 10:43

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8B01001 - EPA 3005A

LCS (8B01001-BS1) Continued Prepared: 02/01/2008 06:45 Analyzed: 02/06/2008 10:43

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	509	B	10.0	ug/L	500		102	82-117			
Barium	520		10.0	ug/L	500		104	72-125			
Beryllium	257		1.00	ug/L	250		103	75-121			
Cadmium	257		1.00	ug/L	250		103	72-120			
Chromium	502		10.0	ug/L	500		100	78-119			
Cobalt	499		10.0	ug/L	500		100	76-117			
Copper	254		10.0	ug/L	250		102	80-117			
Iron	5060		50	ug/L	5000		101	84-133			
Lead	504		10.0	ug/L	500		101	72-121			
Manganese	251		10.0	ug/L	250		100	76-123			
Nickel	507		10.0	ug/L	500		101	78-116			
Selenium	537		10.0	ug/L	500		107	82-127			
Silver	49.2		10.0	ug/L	50.0		98	80-128			
Vanadium	244		10.0	ug/L	250		98	78-117			
Zinc	506		10.0	ug/L	500		101	80-120			

Matrix Spike (8B01001-MS1) Prepared: 02/01/2008 06:45 Analyzed: 02/06/2008 10:59

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	498	B	10.0	ug/L	500	2.0 U	100	64-126			
Barium	714		10.0	ug/L	500	190	105	74-119			
Beryllium	246		1.00	ug/L	250	0.70 U	99	70-131			
Cadmium	242		1.00	ug/L	250	0.50 U	97	68-121			
Chromium	463		10.0	ug/L	500	2.0 U	93	73-120			
Cobalt	489		10.0	ug/L	500	11.6	95	76-120			
Copper	258		10.0	ug/L	250	0.60 U	103	75-123			
Iron	5160		50	ug/L	5000	327	97	48-144			
Lead	485		10.0	ug/L	500	2.0 U	97	68-126			
Manganese	7800		10.0	ug/L	250	7760	20	55-146			QM-07
Nickel	490		10.0	ug/L	500	3.6	97	64-126			
Selenium	514		10.0	ug/L	500	2.0 U	103	65-129			
Silver	48.0		10.0	ug/L	50.0	2.0 U	96	69-121			
Vanadium	186		10.0	ug/L	250	1.0 U	74	71-130			
Zinc	461		10.0	ug/L	500	1.8	92	63-131			

Matrix Spike Dup (8B01001-MSD1) Prepared: 02/01/2008 06:45 Analyzed: 02/06/2008 11:06

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	505	B	10.0	ug/L	500	2.0 U	101	64-126	1	12	
Barium	716		10.0	ug/L	500	190	105	74-119	0.3	11	
Beryllium	253		1.00	ug/L	250	0.70 U	101	70-131	3	21	
Cadmium	250		1.00	ug/L	250	0.50 U	100	68-121	3	12	
Chromium	474		10.0	ug/L	500	2.0 U	95	73-120	2	10	
Cobalt	501		10.0	ug/L	500	11.6	98	76-120	3	17	
Copper	258		10.0	ug/L	250	0.60 U	103	75-123	0.04	16	
Iron	5290		50	ug/L	5000	327	99	48-144	3	23	

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8B01001 - EPA 3005A

Matrix Spike Dup (8B01001-MSD1) Continued Prepared: 02/01/2008 06:45 Analyzed: 02/06/2008 11:06

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Lead	496		10.0	ug/L	500	2.0 U	99	68-126	2	19	
Manganese	7920		10.0	ug/L	250	7760	68	55-146	2	19	
Nickel	504		10.0	ug/L	500	3.6	100	64-126	3	12	
Selenium	520		10.0	ug/L	500	2.0 U	104	65-129	1	10	
Silver	47.5		10.0	ug/L	50.0	2.0 U	95	69-121	1	12	
Vanadium	188		10.0	ug/L	250	1.0 U	75	71-130	1	16	
Zinc	480		10.0	ug/L	500	1.8	96	63-131	4	24	

Batch 8B01002 - EPA 3005A

Blank (8B01002-BLK1) Prepared: 02/01/2008 06:51 Analyzed: 02/07/2008 13:14

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	0.68	U	2.00	ug/L							
Thallium	0.036	U	1.00	ug/L							

LCS (8B01002-BS1) Prepared: 02/01/2008 06:51 Analyzed: 02/07/2008 13:16

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	26.8		2.00	ug/L	25.0		107	85-115			
Thallium	27.2		1.00	ug/L	25.0		109	85-115			

Matrix Spike (8B01002-MS1) Prepared: 02/01/2008 06:51 Analyzed: 02/07/2008 13:22

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	26.6		2.00	ug/L	25.0	0.68 U	106	85-115			
Thallium	26.6		1.00	ug/L	25.0	0.036 U	106	85-115			

Matrix Spike Dup (8B01002-MSD1) Prepared: 02/01/2008 06:51 Analyzed: 02/07/2008 13:25

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	26.6		2.00	ug/L	25.0	0.68 U	106	85-115	0.1	20	
Thallium	26.9		1.00	ug/L	25.0	0.036 U	108	85-115	1	20	

Batch 8B04001 - EPA 7470A

Blank (8B04001-BLK1) Prepared: 02/04/2008 06:42 Analyzed: 02/04/2008 14:58

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.11	U	0.20	ug/L							

LCS (8B04001-BS1) Prepared: 02/04/2008 06:42 Analyzed: 02/04/2008 15:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8B04001 - EPA 7470A

LCS (8B04001-BS1) Continued Prepared: 02/04/2008 06:42 Analyzed: 02/04/2008 15:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.17		0.20	ug/L	5.00		103	87-123			

Matrix Spike (8B04001-MS1) Prepared: 02/04/2008 06:42 Analyzed: 02/04/2008 15:08

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.09		0.20	ug/L	5.00	0.11 U	102	63-132			

Matrix Spike Dup (8B04001-MSD1) Prepared: 02/04/2008 06:42 Analyzed: 02/04/2008 15:11

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.76		0.20	ug/L	5.00	0.11 U	95	63-132	7	10	

Post Spike (8B04001-PS1) Prepared: 02/04/2008 06:42 Analyzed: 02/04/2008 15:19

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.55		0.20	ug/L	5.00	-0.03	92	0-200			

Classical Chemistry Parameters - Quality Control

Batch 8B04004 - NO PREP

Blank (8B04004-BLK1) Prepared: 02/04/2008 17:00 Analyzed: 02/05/2008 16:20

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	10	U	10	mg/L							

LCS (8B04004-BS1) Prepared: 02/04/2008 17:00 Analyzed: 02/05/2008 16:20

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	300		10	mg/L	300		101	90-110			

Duplicate (8B04004-DUP1) Prepared: 02/04/2008 17:00 Analyzed: 02/05/2008 16:20

Source: C717601-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	200		10	mg/L		210			4	10	

Batch 8B04010 - NO PREP

Blank (8B04010-BLK1) Prepared: 02/04/2008 12:11 Analyzed: 02/04/2008 15:21

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	0.48	U	5.0	mg/L							

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 8B04010 - NO PREP

LCS (8B04010-BS1) Prepared: 02/04/2008 12:11 Analyzed: 02/04/2008 15:22

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	100		5.0	mg/L	100		100	80-120			

Matrix Spike (8B04010-MS1) Prepared: 02/04/2008 12:11 Analyzed: 02/04/2008 15:23

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	110		5.0	mg/L	100	10	101	80-120			

Matrix Spike Dup (8B04010-MSD1) Prepared: 02/04/2008 12:11 Analyzed: 02/04/2008 15:24

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	110		5.0	mg/L	100	10	98	80-120	3	25	

Batch 8B04013 - NO PREP

Blank (8B04013-BLK1) Prepared: 02/04/2008 12:54 Analyzed: 02/05/2008 11:52

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Alkalinity	4.7	UE	15	mg/L							

LCS (8B04013-BS1) Prepared: 02/04/2008 12:54 Analyzed: 02/05/2008 11:53

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Alkalinity	100		15	mg/L	100		102	80-120			

Matrix Spike (8B04013-MS1) Prepared: 02/04/2008 12:54 Analyzed: 02/05/2008 11:55

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Alkalinity	180		15	mg/L	100	81	98	80-120			

Matrix Spike Dup (8B04013-MSD1) Prepared: 02/04/2008 12:54 Analyzed: 02/05/2008 11:56

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Alkalinity	170		15	mg/L	100	81	91	80-120	4	25	

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 8B01017 - NO PREP

Blank (8B01017-BLK1) Prepared: 02/01/2008 11:00 Analyzed: 02/01/2008 11:58

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	0.03	U	2.0	mg/L							

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 8B01017 - NO PREP

LCS (8B01017-BS1) Prepared: 02/01/2008 11:00 Analyzed: 02/01/2008 12:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	250		2.0	mg/L	250		101	90-115			

Matrix Spike (8B01017-MS1) Prepared: 02/01/2008 11:00 Analyzed: 02/01/2008 12:37

Source: A800393-06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	250		2.0	mg/L	255	0.03 U	98	90-115			

Matrix Spike Dup (8B01017-MSD1) Prepared: 02/01/2008 11:00 Analyzed: 02/01/2008 12:56

Source: A800393-06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	250		2.0	mg/L	255	0.03 U	98	90-115	0.9	10	

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

1015 Passport Way
Cary, NC 27513
(919) 677-1669 Fax (919) 677-9848

Page 1 of 1

Client Name: Golder Associates, Inc. (GO007)	Project Number: 053-6692008.100
Address: The Wingate Building 4900 Koger Blvd., Suite 140	Project Name/Desc: WCA of High Point, LLC
City/ST/Zip: Greensboro, NC 27407	PO # / Billing Info
Tel: (336) 852-4903 Fax: (336) 852-4904	Reporting Contact: Dusty Reedy
Sampler(s) Name, Affiliation (Print): Client Ryan Stringfellow	Billing Contact: Accounts Payable
Sampler(s) Signature: Ryan	Facility # (if required)

Requested Analyses

Requested Turnaround Times

Note: Rush requests subject to acceptance by the facility

✓ Standard

___ Expedited

Due ___/___/___

Lab Workorder: C717601

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Appendix 1	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Hg,Mn,Ni,Pb,Sb,Se,Tl,V,Zn	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn	Alkalinity 310.2,TDS 160.1	Chloride 325.3	Sulfate 300					Sample Comments
	4116-MW1	1-30-08	8:25	G	Water	7	X	X		X	X	X					NC App 1, Hg, Mn, Fe, Chloride, Sulfate, Alkalinity, and TDS
	4116-MW2	1-30-08	10:20	G	Water	10	X	X		X	X	X					
	4116-MW3	1-30-08	11:14	G	Water	7	X	X		X	X	X					
	4116-MW4S	1-30-08	12:07	G	Water	7	X	X		X	X	X					
	4116-MW5	1-30-08	14:09	G	Water	7	X	X		X	X	X					
	4116-MW6	1-30-08	13:10	G	Water	7	X	X		X	X	X					
	4116-MW7S	1-30-08	15:10	G	Water	7	X	X		X	X	X					
	4116-MW8	1-30-08	9:17	G	Water	7	X	X		X	X	X					
	Field Blank	1-30-08	15:36	G	Water	4	X		X								NC Appendix I
	Trip Blank RS	~~1-30-08~~	—	—	Water	2	X										NC App I VOCs Only

<- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
JWL BSG	12/19/08 1600	Ryan		Buana Gregory	1/31/08 12:20
Comments: 1. Please provide a "Level 2" data report. 2. Unit rates per "Basic Ordering Agreement for Laboratory Services" dated April 9 2004 and 2006 Enco MSA Price List. 3. Estimated Fee = $1952 (Jan/July rates)		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: C-404 2.9°C C-242 2.1°C		Condition Upon Receipt: ✓ Acceptable ___ Unacceptable	

Matrix: GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-None O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist.

LOA per Ryan Stringfellow: Ryan Approved By Stephanie

WORK ORDER

Printed: 2/8/2008 9:17:57AM

C717601

ENCO Cary

Sample Receipt Conditions

Client:	**Golder Associates, Inc. (GO007)**	**Lab Project Mgr:**	**Stephanie Franz**
Project:	**WCA of High Point, LLC**	**Project Number:**	**053-6692008.100**
PO #:			

Report To:

Golder Associates, Inc. (GO007)
Dusty Reedy
The Wingate Building 4900 Koger Blvd., Suite 140
Greensboro, NC 27407
Phone: (336) 852-4903
Fax: (336) 852-4904

Invoice To:

Golder Associates, Inc. (GO007)
Accounts Payable
The Wingate Building 4900 Koger Blvd., Suite 140
Greensboro, NC 27407
Phone :(804) 358-7900
Fax: 804-358-2900

Received By:	Briana J Gregory	Date Received:	31-Jan-08 12:20
Logged In By:	Briana J Gregory	Date Logged In:	31-Jan-08 12:40

Work Order Comments:

C - 242 received at 2.1°C

Containers Intact	Y	Containers Properly Preserved	Y	Proper Containers Received	Y	All Samples in PreLog Received	Y	COC/Labels Agree	Y
Custody Seals Intact	Y	Volatile Containers Preserved	Y	Volatile Containers Headspace Free	Y	Aqueous Samples Checked for Residual Cl	N	Received On Ice	Y

C - 404 received at 2.9°C

Containers Intact	Y	Containers Properly Preserved	Y	Proper Containers Received	Y	All Samples in PreLog Received	Y	COC/Labels Agree	Y
Custody Seals Intact	Y	Volatile Containers Preserved	Y	Volatile Containers Headspace Free	Y	Aqueous Samples Checked for Residual Cl	N	Received On Ice	Y

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Friday, February 8, 2008

Golder Associates, Inc. (GO007)

Attn: Dusty Reedy

The Wingate Building 4900 Koger Blvd., Suite 140

Greensboro, NC 27407

RE: Laboratory Results for
Project Number: 053-6692008.100, Project Name/Desc: WCA of High Point, LLC- SWs
ENCO Workorder: C717600

Dear Dusty Reedy,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, January 31, 2008.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Stephanie Franz

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 22.

PROJECT NARRATIVE

Date: 08 February 2008
Client: Golder Associates
Project: WCA of High Point, LLC- SWs
Lab ID: C717600

Overview

Environmental Conservation Laboratories, Inc. analyzed all submitted samples in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling by Environmental Conservation Laboratories, Inc. will be discussed in the QC Remarks section below.

Quality Control Samples
The Method Blank for the 6010B analysis had a low-level detection (less than half of the MRL) of Arsenic. None of the associated samples had any detections of this analyte.

Quality Control Remarks

No comments

Other Comments

All samples received under this work order arrived in acceptable conditions. The samples were not checked for residual chlorine, as it is not a requirement.

The analytical data presented in this report are consistent with the methods as referenced in the analytical report. Any exceptions or deviations are noted in the QC remarks section of this narrative.

Released By:
Environmental Conservation Laboratories, Inc.

Stephanie Franz
Project Manager

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: 4116-SW1 **Lab ID:** C717600-01 **Sampled:** 01/29/08 15:50 **Received:** 01/31/08 12:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	07/27/08	02/01/08 06:45	2/6/2008 11:14
EPA 6020	07/27/08	02/01/08 06:51	2/7/2008 13:28
EPA 8260B	02/12/08	01/31/08 12:30	2/2/2008 05:32

Client ID: 4116-SW2 **Lab ID:** C717600-02 **Sampled:** 01/29/08 11:09 **Received:** 01/31/08 12:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	07/27/08	02/01/08 06:45	2/6/2008 11:21
EPA 6020	07/27/08	02/01/08 06:51	2/7/2008 13:19
EPA 8260B	02/12/08	01/31/08 12:30	2/2/2008 06:01

Client ID: 4116-SW3 **Lab ID:** C717600-03 **Sampled:** 01/29/08 10:53 **Received:** 01/31/08 12:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	07/27/08	02/01/08 06:45	2/6/2008 11:28
EPA 6020	07/27/08	02/01/08 06:51	2/7/2008 13:30
EPA 8260B	02/12/08	01/31/08 12:30	2/2/2008 06:30

Client ID: 4116-SW4 **Lab ID:** C717600-04 **Sampled:** 01/29/08 12:50 **Received:** 01/31/08 12:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	07/27/08	02/01/08 06:45	2/6/2008 11:35
EPA 6020	07/27/08	02/01/08 06:51	2/7/2008 13:39
EPA 8260B	02/12/08	01/31/08 12:30	2/2/2008 06:59

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NORTH CAROLINA SWS SAMPLE DETECTION SUMMARY

Client ID: 4116-SW1 **Lab ID:** C717600-01

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	49.8	J	1	0.20	10.0	100	ug/L	EPA 6010B	
Copper	1.00	J	1	0.60	10.0	10	ug/L	EPA 6010B	
Nickel	4.8	J	1	2.0	10.0	50	ug/L	EPA 6010B	
Zinc	112		1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: 4116-SW2 **Lab ID:** C717600-02

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	62.2	J	1	0.20	10.0	100	ug/L	EPA 6010B	
Thallium	0.041	J	1	0.036	1.00	5.5	ug/L	EPA 6020	
Zinc	26.9		1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: 4116-SW3 **Lab ID:** C717600-03

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	74.1	J	1	0.20	10.0	100	ug/L	EPA 6010B	
Copper	1.20	J	1	0.60	10.0	10	ug/L	EPA 6010B	
Zinc	10.6		1	1.0	10.0	10	ug/L	EPA 6010B	

Client ID: 4116-SW4 **Lab ID:** C717600-04

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	71.2	J	1	0.20	10.0	100	ug/L	EPA 6010B	
Copper	1.10	J	1	0.60	10.0	10	ug/L	EPA 6010B	
Zinc	6.8	J	1	1.0	10.0	10	ug/L	EPA 6010B	

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ANALYTICAL RESULTS

Description: 4116-SW1
Matrix: Surface Water
Project: WCA of High Point, LLC- SWs

Lab Sample ID: C717600-01
Sampled: 01/29/08 15:50
Sampled By: K Higgs/R Stringfellow

Received: 01/31/08 12:20
Work Order: C717600

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 05:32	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	02/02/08 05:32	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
1,1-Dichloroethane [75-34-3] *	0.090	U	ug/L	1	0.090	1.0	5	EPA 8260B	02/02/08 05:32	jkg	
1,1-Dichloroethene [75-35-4] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 05:32	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.19	U	ug/L	1	0.19	1.0	13	EPA 8260B	02/02/08 05:32	jkg	
1,2-Dibromoethane [106-93-4] *	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	02/02/08 05:32	jkg	
1,2-Dichloroethane [107-06-2] *	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
1,2-Dichloropropane [78-87-5] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
2-Butanone [78-93-3] *	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	02/02/08 05:32	jkg	
2-Hexanone [591-78-6] *	0.24	U	ug/L	1	0.24	5.0	50	EPA 8260B	02/02/08 05:32	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.36	U	ug/L	1	0.36	5.0	100	EPA 8260B	02/02/08 05:32	jkg	
Acetone [67-64-1] *	0.90	U	ug/L	1	0.90	5.0	100	EPA 8260B	02/02/08 05:32	jkg	
Acrylonitrile [107-13-1] *	2.0	U	ug/L	1	2.0	5.0	200	EPA 8260B	02/02/08 05:32	jkg	
Benzene [71-43-2] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
Bromochloromethane [74-97-5] *	0.19	U	ug/L	1	0.19	1.0	3	EPA 8260B	02/02/08 05:32	jkg	
Bromodichloromethane [75-27-4] *	0.19	U	ug/L	1	0.19	0.40	1	EPA 8260B	02/02/08 05:32	jkg	
Bromoform [75-25-2] *	0.36	U	ug/L	1	0.36	1.0	3	EPA 8260B	02/02/08 05:32	jkg	
Bromomethane [74-83-9] *	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	02/02/08 05:32	jkg	
Carbon disulfide [75-15-0] *	0.12	U	ug/L	1	0.12	5.0	100	EPA 8260B	02/02/08 05:32	jkg	
Carbon tetrachloride [56-23-5] *	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
Chlorobenzene [108-90-7] *	0.16	U	ug/L	1	0.16	1.0	3	EPA 8260B	02/02/08 05:32	jkg	
Chloroethane [75-00-3] *	0.40	U	ug/L	1	0.40	1.0	10	EPA 8260B	02/02/08 05:32	jkg	
Chloroform [67-66-3] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 05:32	jkg	
Chloromethane [74-87-3] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 05:32	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.16	U	ug/L	1	0.16	0.20	1	EPA 8260B	02/02/08 05:32	jkg	
Dibromochloromethane [124-48-1] *	0.18	U	ug/L	1	0.18	1.0	3	EPA 8260B	02/02/08 05:32	jkg	
Dibromomethane [74-95-3] *	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	02/02/08 05:32	jkg	
Ethylbenzene [100-41-4] *	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
Iodomethane [74-88-4] *	0.23	U	ug/L	1	0.23	2.0	10	EPA 8260B	02/02/08 05:32	jkg	
Methylene chloride [75-09-2] *	0.088	U	ug/L	1	0.088	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
Styrene [100-42-5] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
Tetrachloroethene [127-18-4] *	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
Toluene [108-88-3] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.10	U	ug/L	1	0.10	1.0	5	EPA 8260B	02/02/08 05:32	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.18	U	ug/L	1	0.18	0.20	1	EPA 8260B	02/02/08 05:32	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] *	0.60	U	ug/L	1	0.60	1.0	100	EPA 8260B	02/02/08 05:32	jkg	
Trichloroethene [79-01-6] *	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	02/02/08 05:32	jkg	

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Description:	4116-SW1	**Lab Sample ID:**	C717600-01	**Received:**	01/31/08 12:20
Matrix:	Surface Water	**Sampled:**	01/29/08 15:50	**Work Order:**	C717600
Project:	WCA of High Point, LLC- SWs	**Sampled By:**	K Higgs/R Stringfellow		

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Trichlorofluoromethane [75-69-4] *	0.16	U	ug/L	1	0.16	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
Vinyl acetate [108-05-4] *	0.19	U	ug/L	1	0.19	2.0	50	EPA 8260B	02/02/08 05:32	jkg	
Vinyl chloride [75-01-4] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 05:32	jkg	
Xylenes (Total) [1330-20-7]	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	02/02/08 05:32	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*91 %*	*69-120*	*8B01011*	*EPA 8260B*	*02/02/08 05:32*	*jkg*	
Dibromofluoromethane	*41*	*1*	*50.0*	*82 %*	*61-120*	*8B01011*	*EPA 8260B*	*02/02/08 05:32*	*jkg*	
Toluene-d8	*40*	*1*	*50.0*	*80 %*	*75-99*	*8B01011*	*EPA 8260B*	*02/02/08 05:32*	*jkg*	

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Description: 4116-SW1
Matrix: Surface Water
Project: WCA of High Point, LLC- SWs

Lab Sample ID: C717600-01
Sampled: 01/29/08 15:50
Sampled By: K Higgs/R Stringfellow

Received: 01/31/08 12:20
Work Order: C717600

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	02/07/08 13:28	JDH	
Arsenic [7440-38-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:14	VLO	
Barium [7440-39-3] *	**49.8**	J	ug/L	1	0.20	10.0	100	EPA 6010B	02/06/08 11:14	VLO	
Beryllium [7440-41-7] *	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	02/06/08 11:14	VLO	
Cadmium [7440-43-9] *	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	02/06/08 11:14	VLO	
Chromium [7440-47-3] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:14	VLO	
Cobalt [7440-48-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:14	VLO	
Copper [7440-50-8] *	**1.00**	J	ug/L	1	0.60	10.0	10	EPA 6010B	02/06/08 11:14	VLO	
Lead [7439-92-1] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:14	VLO	
Nickel [7440-02-0] *	**4.8**	J	ug/L	1	2.0	10.0	50	EPA 6010B	02/06/08 11:14	VLO	
Selenium [7782-49-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:14	VLO	
Silver [7440-22-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:14	VLO	
Thallium [7440-28-0] *	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	02/07/08 13:28	JDH	
Vanadium [7440-62-2] *	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	02/06/08 11:14	VLO	
Zinc [7440-66-6] *	**112**		ug/L	1	1.0	10.0	10	EPA 6010B	02/06/08 11:14	VLO	

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Description: 4116-SW2
Matrix: Surface Water
Project: WCA of High Point, LLC- SWs

Lab Sample ID: C717600-02
Sampled: 01/29/08 11:09
Sampled By: K Higgs/R Stringfellow

Received: 01/31/08 12:20
Work Order: C717600

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 06:01	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	02/02/08 06:01	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
1,1-Dichloroethane [75-34-3] *	0.090	U	ug/L	1	0.090	1.0	5	EPA 8260B	02/02/08 06:01	jkg	
1,1-Dichloroethene [75-35-4] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 06:01	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.19	U	ug/L	1	0.19	1.0	13	EPA 8260B	02/02/08 06:01	jkg	
1,2-Dibromoethane [106-93-4] *	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	02/02/08 06:01	jkg	
1,2-Dichloroethane [107-06-2] *	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
1,2-Dichloropropane [78-87-5] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
2-Butanone [78-93-3] *	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	02/02/08 06:01	jkg	
2-Hexanone [591-78-6] *	0.24	U	ug/L	1	0.24	5.0	50	EPA 8260B	02/02/08 06:01	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.36	U	ug/L	1	0.36	5.0	100	EPA 8260B	02/02/08 06:01	jkg	
Acetone [67-64-1] *	0.90	U	ug/L	1	0.90	5.0	100	EPA 8260B	02/02/08 06:01	jkg	
Acrylonitrile [107-13-1] *	2.0	U	ug/L	1	2.0	5.0	200	EPA 8260B	02/02/08 06:01	jkg	
Benzene [71-43-2] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
Bromochloromethane [74-97-5] *	0.19	U	ug/L	1	0.19	1.0	3	EPA 8260B	02/02/08 06:01	jkg	
Bromodichloromethane [75-27-4] *	0.19	U	ug/L	1	0.19	0.40	1	EPA 8260B	02/02/08 06:01	jkg	
Bromoform [75-25-2] *	0.36	U	ug/L	1	0.36	1.0	3	EPA 8260B	02/02/08 06:01	jkg	
Bromomethane [74-83-9] *	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	02/02/08 06:01	jkg	
Carbon disulfide [75-15-0] *	0.12	U	ug/L	1	0.12	5.0	100	EPA 8260B	02/02/08 06:01	jkg	
Carbon tetrachloride [56-23-5] *	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
Chlorobenzene [108-90-7] *	0.16	U	ug/L	1	0.16	1.0	3	EPA 8260B	02/02/08 06:01	jkg	
Chloroethane [75-00-3] *	0.40	U	ug/L	1	0.40	1.0	10	EPA 8260B	02/02/08 06:01	jkg	
Chloroform [67-66-3] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 06:01	jkg	
Chloromethane [74-87-3] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 06:01	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.16	U	ug/L	1	0.16	0.20	1	EPA 8260B	02/02/08 06:01	jkg	
Dibromochloromethane [124-48-1] *	0.18	U	ug/L	1	0.18	1.0	3	EPA 8260B	02/02/08 06:01	jkg	
Dibromomethane [74-95-3] *	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	02/02/08 06:01	jkg	
Ethylbenzene [100-41-4] *	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
Iodomethane [74-88-4] *	0.23	U	ug/L	1	0.23	2.0	10	EPA 8260B	02/02/08 06:01	jkg	
Methylene chloride [75-09-2] *	0.088	U	ug/L	1	0.088	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
Styrene [100-42-5] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
Tetrachloroethene [127-18-4] *	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
Toluene [108-88-3] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.10	U	ug/L	1	0.10	1.0	5	EPA 8260B	02/02/08 06:01	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.18	U	ug/L	1	0.18	0.20	1	EPA 8260B	02/02/08 06:01	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] *	0.60	U	ug/L	1	0.60	1.0	100	EPA 8260B	02/02/08 06:01	jkg	
Trichloroethene [79-01-6] *	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
Trichlorofluoromethane [75-69-4] *	0.16	U	ug/L	1	0.16	1.0	1	EPA 8260B	02/02/08 06:01	jkg	
Vinyl acetate [108-05-4] *	0.19	U	ug/L	1	0.19	2.0	50	EPA 8260B	02/02/08 06:01	jkg	
Vinyl chloride [75-01-4] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 06:01	jkg	

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Description:	4116-SW2	**Lab Sample ID:**	C717600-02	**Received:**	01/31/08 12:20
Matrix:	Surface Water	**Sampled:**	01/29/08 11:09	**Work Order:**	C717600
Project:	WCA of High Point, LLC- SWs	**Sampled By:**	K Higgs/R Stringfellow		

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	02/02/08 06:01	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*92 %*	*69-120*	*8B01011*	*EPA 8260B*	*02/02/08 06:01*	*jkg*	
Dibromofluoromethane	*41*	*1*	*50.0*	*81 %*	*61-120*	*8B01011*	*EPA 8260B*	*02/02/08 06:01*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*82 %*	*75-99*	*8B01011*	*EPA 8260B*	*02/02/08 06:01*	*jkg*	

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Description: 4116-SW2
Matrix: Surface Water
Project: WCA of High Point, LLC- SWs

Lab Sample ID: C717600-02
Sampled: 01/29/08 11:09
Sampled By: K Higgs/R Stringfellow

Received: 01/31/08 12:20
Work Order: C717600

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	02/07/08 13:19	JDH	
Arsenic [7440-38-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:21	VLO	
Barium [7440-39-3] *	**62.2**	J	ug/L	1	0.20	10.0	100	EPA 6010B	02/06/08 11:21	VLO	
Beryllium [7440-41-7] *	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	02/06/08 11:21	VLO	
Cadmium [7440-43-9] *	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	02/06/08 11:21	VLO	
Chromium [7440-47-3] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:21	VLO	
Cobalt [7440-48-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:21	VLO	
Copper [7440-50-8] *	0.60	U	ug/L	1	0.60	10.0	10	EPA 6010B	02/06/08 11:21	VLO	
Lead [7439-92-1] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:21	VLO	
Nickel [7440-02-0] *	2.0	U	ug/L	1	2.0	10.0	50	EPA 6010B	02/06/08 11:21	VLO	
Selenium [7782-49-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:21	VLO	
Silver [7440-22-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:21	VLO	
Thallium [7440-28-0] *	**0.041**	J	ug/L	1	0.036	1.00	5.5	EPA 6020	02/07/08 13:19	JDH	
Vanadium [7440-62-2] *	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	02/06/08 11:21	VLO	
Zinc [7440-66-6] *	**26.9**		ug/L	1	1.0	10.0	10	EPA 6010B	02/06/08 11:21	VLO	

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Description: 4116-SW3
Matrix: Surface Water
Project: WCA of High Point, LLC- SWs

Lab Sample ID: C717600-03
Sampled: 01/29/08 10:53
Sampled By: K Higgs/R Stringfellow

Received: 01/31/08 12:20
Work Order: C717600

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 06:30	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	02/02/08 06:30	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
1,1-Dichloroethane [75-34-3] *	0.090	U	ug/L	1	0.090	1.0	5	EPA 8260B	02/02/08 06:30	jkg	
1,1-Dichloroethene [75-35-4] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 06:30	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.19	U	ug/L	1	0.19	1.0	13	EPA 8260B	02/02/08 06:30	jkg	
1,2-Dibromoethane [106-93-4] *	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	02/02/08 06:30	jkg	
1,2-Dichloroethane [107-06-2] *	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
1,2-Dichloropropane [78-87-5] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
2-Butanone [78-93-3] *	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	02/02/08 06:30	jkg	
2-Hexanone [591-78-6] *	0.24	U	ug/L	1	0.24	5.0	50	EPA 8260B	02/02/08 06:30	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.36	U	ug/L	1	0.36	5.0	100	EPA 8260B	02/02/08 06:30	jkg	
Acetone [67-64-1] *	0.90	U	ug/L	1	0.90	5.0	100	EPA 8260B	02/02/08 06:30	jkg	
Acrylonitrile [107-13-1] *	2.0	U	ug/L	1	2.0	5.0	200	EPA 8260B	02/02/08 06:30	jkg	
Benzene [71-43-2] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
Bromochloromethane [74-97-5] *	0.19	U	ug/L	1	0.19	1.0	3	EPA 8260B	02/02/08 06:30	jkg	
Bromodichloromethane [75-27-4] *	0.19	U	ug/L	1	0.19	0.40	1	EPA 8260B	02/02/08 06:30	jkg	
Bromoform [75-25-2] *	0.36	U	ug/L	1	0.36	1.0	3	EPA 8260B	02/02/08 06:30	jkg	
Bromomethane [74-83-9] *	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	02/02/08 06:30	jkg	
Carbon disulfide [75-15-0] *	0.12	U	ug/L	1	0.12	5.0	100	EPA 8260B	02/02/08 06:30	jkg	
Carbon tetrachloride [56-23-5] *	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
Chlorobenzene [108-90-7] *	0.16	U	ug/L	1	0.16	1.0	3	EPA 8260B	02/02/08 06:30	jkg	
Chloroethane [75-00-3] *	0.40	U	ug/L	1	0.40	1.0	10	EPA 8260B	02/02/08 06:30	jkg	
Chloroform [67-66-3] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 06:30	jkg	
Chloromethane [74-87-3] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 06:30	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.16	U	ug/L	1	0.16	0.20	1	EPA 8260B	02/02/08 06:30	jkg	
Dibromochloromethane [124-48-1] *	0.18	U	ug/L	1	0.18	1.0	3	EPA 8260B	02/02/08 06:30	jkg	
Dibromomethane [74-95-3] *	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	02/02/08 06:30	jkg	
Ethylbenzene [100-41-4] *	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
Iodomethane [74-88-4] *	0.23	U	ug/L	1	0.23	2.0	10	EPA 8260B	02/02/08 06:30	jkg	
Methylene chloride [75-09-2] *	0.088	U	ug/L	1	0.088	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
Styrene [100-42-5] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
Tetrachloroethene [127-18-4] *	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
Toluene [108-88-3] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.10	U	ug/L	1	0.10	1.0	5	EPA 8260B	02/02/08 06:30	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.18	U	ug/L	1	0.18	0.20	1	EPA 8260B	02/02/08 06:30	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] *	0.60	U	ug/L	1	0.60	1.0	100	EPA 8260B	02/02/08 06:30	jkg	
Trichloroethene [79-01-6] *	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
Trichlorofluoromethane [75-69-4] *	0.16	U	ug/L	1	0.16	1.0	1	EPA 8260B	02/02/08 06:30	jkg	
Vinyl acetate [108-05-4] *	0.19	U	ug/L	1	0.19	2.0	50	EPA 8260B	02/02/08 06:30	jkg	
Vinyl chloride [75-01-4] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 06:30	jkg	

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Description:	4116-SW3	**Lab Sample ID:**	C717600-03	**Received:**	01/31/08 12:20
Matrix:	Surface Water	**Sampled:**	01/29/08 10:53	**Work Order:**	C717600
Project:	WCA of High Point, LLC- SWs	**Sampled By:**	K Higgs/R Stringfellow		

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	02/02/08 06:30	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*69-120*	*8B01011*	*EPA 8260B*	*02/02/08 06:30*	*jkg*	
Dibromofluoromethane	*41*	*1*	*50.0*	*82 %*	*61-120*	*8B01011*	*EPA 8260B*	*02/02/08 06:30*	*jkg*	
Toluene-d8	*41*	*1*	*50.0*	*82 %*	*75-99*	*8B01011*	*EPA 8260B*	*02/02/08 06:30*	*jkg*	

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Description: 4116-SW3
Matrix: Surface Water
Project: WCA of High Point, LLC- SWs

Lab Sample ID: C717600-03
Sampled: 01/29/08 10:53
Sampled By: K Higgs/R Stringfellow

Received: 01/31/08 12:20
Work Order: C717600

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	02/07/08 13:30	JDH	
Arsenic [7440-38-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:28	VLO	
Barium [7440-39-3] *	**74.1**	J	ug/L	1	0.20	10.0	100	EPA 6010B	02/06/08 11:28	VLO	
Beryllium [7440-41-7] *	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	02/06/08 11:28	VLO	
Cadmium [7440-43-9] *	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	02/06/08 11:28	VLO	
Chromium [7440-47-3] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:28	VLO	
Cobalt [7440-48-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:28	VLO	
Copper [7440-50-8] *	**1.20**	J	ug/L	1	0.60	10.0	10	EPA 6010B	02/06/08 11:28	VLO	
Lead [7439-92-1] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:28	VLO	
Nickel [7440-02-0] *	2.0	U	ug/L	1	2.0	10.0	50	EPA 6010B	02/06/08 11:28	VLO	
Selenium [7782-49-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:28	VLO	
Silver [7440-22-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:28	VLO	
Thallium [7440-28-0] *	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	02/07/08 13:30	JDH	
Vanadium [7440-62-2] *	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	02/06/08 11:28	VLO	
Zinc [7440-66-6] *	**10.6**		ug/L	1	1.0	10.0	10	EPA 6010B	02/06/08 11:28	VLO	

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Description: 4116-SW4
Matrix: Surface Water
Project: WCA of High Point, LLC- SWs

Lab Sample ID: C717600-04
Sampled: 01/29/08 12:50
Sampled By: K Higgs/R Stringfellow

Received: 01/31/08 12:20
Work Order: C717600

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 06:59	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	02/02/08 06:59	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
1,1-Dichloroethane [75-34-3] *	0.090	U	ug/L	1	0.090	1.0	5	EPA 8260B	02/02/08 06:59	jkg	
1,1-Dichloroethene [75-35-4] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 06:59	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.19	U	ug/L	1	0.19	1.0	13	EPA 8260B	02/02/08 06:59	jkg	
1,2-Dibromoethane [106-93-4] *	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	02/02/08 06:59	jkg	
1,2-Dichloroethane [107-06-2] *	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
1,2-Dichloropropane [78-87-5] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
2-Butanone [78-93-3] *	0.56	U	ug/L	1	0.56	5.0	100	EPA 8260B	02/02/08 06:59	jkg	
2-Hexanone [591-78-6] *	0.24	U	ug/L	1	0.24	5.0	50	EPA 8260B	02/02/08 06:59	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.36	U	ug/L	1	0.36	5.0	100	EPA 8260B	02/02/08 06:59	jkg	
Acetone [67-64-1] *	0.90	U	ug/L	1	0.90	5.0	100	EPA 8260B	02/02/08 06:59	jkg	
Acrylonitrile [107-13-1] *	2.0	U	ug/L	1	2.0	5.0	200	EPA 8260B	02/02/08 06:59	jkg	
Benzene [71-43-2] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
Bromochloromethane [74-97-5] *	0.19	U	ug/L	1	0.19	1.0	3	EPA 8260B	02/02/08 06:59	jkg	
Bromodichloromethane [75-27-4] *	0.19	U	ug/L	1	0.19	0.40	1	EPA 8260B	02/02/08 06:59	jkg	
Bromoform [75-25-2] *	0.36	U	ug/L	1	0.36	1.0	3	EPA 8260B	02/02/08 06:59	jkg	
Bromomethane [74-83-9] *	0.21	U	ug/L	1	0.21	1.0	10	EPA 8260B	02/02/08 06:59	jkg	
Carbon disulfide [75-15-0] *	0.12	U	ug/L	1	0.12	5.0	100	EPA 8260B	02/02/08 06:59	jkg	
Carbon tetrachloride [56-23-5] *	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
Chlorobenzene [108-90-7] *	0.16	U	ug/L	1	0.16	1.0	3	EPA 8260B	02/02/08 06:59	jkg	
Chloroethane [75-00-3] *	0.40	U	ug/L	1	0.40	1.0	10	EPA 8260B	02/02/08 06:59	jkg	
Chloroform [67-66-3] *	0.16	U	ug/L	1	0.16	1.0	5	EPA 8260B	02/02/08 06:59	jkg	
Chloromethane [74-87-3] *	0.18	U	ug/L	1	0.18	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.14	U	ug/L	1	0.14	1.0	5	EPA 8260B	02/02/08 06:59	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.16	U	ug/L	1	0.16	0.20	1	EPA 8260B	02/02/08 06:59	jkg	
Dibromochloromethane [124-48-1] *	0.18	U	ug/L	1	0.18	1.0	3	EPA 8260B	02/02/08 06:59	jkg	
Dibromomethane [74-95-3] *	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	02/02/08 06:59	jkg	
Ethylbenzene [100-41-4] *	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
Iodomethane [74-88-4] *	0.23	U	ug/L	1	0.23	2.0	10	EPA 8260B	02/02/08 06:59	jkg	
Methylene chloride [75-09-2] *	0.088	U	ug/L	1	0.088	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
Styrene [100-42-5] *	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
Tetrachloroethene [127-18-4] *	0.25	U	ug/L	1	0.25	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
Toluene [108-88-3] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.10	U	ug/L	1	0.10	1.0	5	EPA 8260B	02/02/08 06:59	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.18	U	ug/L	1	0.18	0.20	1	EPA 8260B	02/02/08 06:59	jkg	
trans-1,4-Dichloro-2-butene [110-57-6] *	0.60	U	ug/L	1	0.60	1.0	100	EPA 8260B	02/02/08 06:59	jkg	
Trichloroethene [79-01-6] *	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
Trichlorofluoromethane [75-69-4] *	0.16	U	ug/L	1	0.16	1.0	1	EPA 8260B	02/02/08 06:59	jkg	
Vinyl acetate [108-05-4] *	0.19	U	ug/L	1	0.19	2.0	50	EPA 8260B	02/02/08 06:59	jkg	
Vinyl chloride [75-01-4] *	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	02/02/08 06:59	jkg	

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Description:	4116-SW4	**Lab Sample ID:**	C717600-04	**Received:**	01/31/08 12:20
Matrix:	Surface Water	**Sampled:**	01/29/08 12:50	**Work Order:**	C717600
Project:	WCA of High Point, LLC- SWs	**Sampled By:**	K Higgs/R Stringfellow		

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	02/02/08 06:59	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*90 %*	*69-120*	*8B01011*	*EPA 8260B*	*02/02/08 06:59*	*jkg*	
Dibromofluoromethane	*41*	*1*	*50.0*	*82 %*	*61-120*	*8B01011*	*EPA 8260B*	*02/02/08 06:59*	*jkg*	
Toluene-d8	*40*	*1*	*50.0*	*81 %*	*75-99*	*8B01011*	*EPA 8260B*	*02/02/08 06:59*	*jkg*	

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Description: 4116-SW4
Matrix: Surface Water
Project: WCA of High Point, LLC- SWs

Lab Sample ID: C717600-04
Sampled: 01/29/08 12:50
Sampled By: K Higgs/R Stringfellow

Received: 01/31/08 12:20
Work Order: C717600

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.68	U	ug/L	1	0.68	2.00	6	EPA 6020	02/07/08 13:39	JDH	
Arsenic [7440-38-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:35	VLO	
Barium [7440-39-3] *	**71.2**	J	ug/L	1	0.20	10.0	100	EPA 6010B	02/06/08 11:35	VLO	
Beryllium [7440-41-7] *	0.70	U	ug/L	1	0.70	1.00	1	EPA 6010B	02/06/08 11:35	VLO	
Cadmium [7440-43-9] *	0.50	U	ug/L	1	0.50	1.00	1	EPA 6010B	02/06/08 11:35	VLO	
Chromium [7440-47-3] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:35	VLO	
Cobalt [7440-48-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:35	VLO	
Copper [7440-50-8] *	**1.10**	J	ug/L	1	0.60	10.0	10	EPA 6010B	02/06/08 11:35	VLO	
Lead [7439-92-1] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:35	VLO	
Nickel [7440-02-0] *	2.0	U	ug/L	1	2.0	10.0	50	EPA 6010B	02/06/08 11:35	VLO	
Selenium [7782-49-2] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:35	VLO	
Silver [7440-22-4] *	2.0	U	ug/L	1	2.0	10.0	10	EPA 6010B	02/06/08 11:35	VLO	
Thallium [7440-28-0] *	0.036	U	ug/L	1	0.036	1.00	5.5	EPA 6020	02/07/08 13:39	JDH	
Vanadium [7440-62-2] *	1.0	U	ug/L	1	1.0	10.0	25	EPA 6010B	02/06/08 11:35	VLO	
Zinc [7440-66-6] *	**6.8**	J	ug/L	1	1.0	10.0	10	EPA 6010B	02/06/08 11:35	VLO	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8B01011 - EPA 5030B_MS

Blank (8B01011-BLK1) Prepared: 02/01/2008 11:27 Analyzed: 02/02/2008 00:11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	0.18	U	1.0	ug/L							
Vinyl chloride	0.15	U	1.0	ug/L							
Bromomethane	0.21	U	1.0	ug/L							
Chloroethane	0.40	U	1.0	ug/L							
Trichlorofluoromethane	0.16	U	1.0	ug/L							
1,1-Dichloroethene	0.14	U	1.0	ug/L							
Acetone	0.90	U	5.0	ug/L							
Iodomethane	0.23	U	2.0	ug/L							
Carbon disulfide	0.12	U	5.0	ug/L							
Methylene chloride	0.088	U	2.0	ug/L							
Acrylonitrile	2.0	U	5.0	ug/L							
trans-1,2-Dichloroethene	0.10	U	1.0	ug/L							
1,1-Dichloroethane	0.090	U	1.0	ug/L							
Vinyl acetate	0.19	U	2.0	ug/L							
2-Butanone	0.56	U	5.0	ug/L							
cis-1,2-Dichloroethene	0.14	U	1.0	ug/L							
Bromochloromethane	0.19	U	1.0	ug/L							
Chloroform	0.16	U	1.0	ug/L							
1,1,1-Trichloroethane	0.24	U	1.0	ug/L							
Carbon tetrachloride	0.38	U	1.0	ug/L							
1,2-Dichloroethane	0.36	U	1.0	ug/L							
Benzene	0.12	U	1.0	ug/L							
Trichloroethene	0.23	U	1.0	ug/L							
1,2-Dichloropropane	0.18	U	1.0	ug/L							
Dibromomethane	0.14	U	1.0	ug/L							
Bromodichloromethane	0.19	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.16	U	1.0	ug/L							
4-Methyl-2-pentanone	0.36	U	5.0	ug/L							
Toluene	0.15	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.18	U	1.0	ug/L							
1,1,2-Trichloroethane	0.24	U	1.0	ug/L							
Tetrachloroethene	0.25	U	1.0	ug/L							
2-Hexanone	0.24	U	5.0	ug/L							
Dibromochloromethane	0.18	U	1.0	ug/L							
1,2-Dibromoethane	0.19	U	1.0	ug/L							
Chlorobenzene	0.16	U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	0.16	U	1.0	ug/L							
Ethylbenzene	0.17	U	1.0	ug/L							
Styrene	0.12	U	1.0	ug/L							
Bromoform	0.36	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.27	U	1.0	ug/L							
1,2,3-Trichloropropane	0.32	U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	0.60	U	1.0	ug/L							
1,4-Dichlorobenzene	0.15	U	1.0	ug/L							
1,2-Dichlorobenzene	0.17	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.19	U	1.0	ug/L							
Xylenes (Total)	0.21	U	1.0	ug/L							
Surrogate: Dibromofluoromethane	*40*			*ug/L*	*50.0*		*80*	*61-120*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8B01011 - EPA 5030B_MS

Blank (8B01011-BLK1) Continued Prepared: 02/01/2008 11:27 Analyzed: 02/02/2008 00:11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Toluene-d8	*40*			*ug/L*	*50.0*		*81*	*75-99*			
Surrogate: 4-Bromofluorobenzene	*45*			*ug/L*	*50.0*		*90*	*69-120*			

LCS (8B01011-BS1) Prepared: 02/01/2008 11:27 Analyzed: 02/02/2008 00:40

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	16		1.0	ug/L	20.0		81	71-121			
Benzene	19		1.0	ug/L	20.0		94	77-128			
Trichloroethene	17		1.0	ug/L	20.0		87	79-120			
Toluene	17		1.0	ug/L	20.0		84	77-120			
Chlorobenzene	18		1.0	ug/L	20.0		88	78-120			

Matrix Spike (8B01011-MS1) Prepared: 02/01/2008 11:27 Analyzed: 02/02/2008 01:09

Source: C717837-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.14 U	96	71-121			
Benzene	20		1.0	ug/L	20.0	0.12 U	100	77-128			
Trichloroethene	20		1.0	ug/L	20.0	0.23 U	99	79-120			
Toluene	18		1.0	ug/L	20.0	0.15 U	90	77-120			
Chlorobenzene	19		1.0	ug/L	20.0	0.16 U	94	78-120			

Matrix Spike Dup (8B01011-MSD1) Prepared: 02/01/2008 11:27 Analyzed: 02/02/2008 01:39

Source: C717837-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	17		1.0	ug/L	20.0	0.14 U	87	71-121	10	27	
Benzene	21		1.0	ug/L	20.0	0.12 U	105	77-128	5	27	
Trichloroethene	20		1.0	ug/L	20.0	0.23 U	98	79-120	0.7	27	
Toluene	16		1.0	ug/L	20.0	0.15 U	82	77-120	9	23	
Chlorobenzene	17		1.0	ug/L	20.0	0.16 U	86	78-120	9	25	

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8B01001 - EPA 3005A

Blank (8B01001-BLK1) Prepared: 02/01/2008 06:45 Analyzed: 02/06/2008 10:36

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	**2.1**	**J**	10.0	ug/L							
Barium	0.20	U	10.0	ug/L							
Beryllium	0.70	U	1.00	ug/L							
Cadmium	0.50	U	1.00	ug/L							
Chromium	2.0	U	10.0	ug/L							
Cobalt	2.0	U	10.0	ug/L							
Copper	0.60	U	10.0	ug/L							
Lead	2.0	U	10.0	ug/L							
Nickel	2.0	U	10.0	ug/L							

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8B01001 - EPA 3005A

Blank (8B01001-BLK1) Continued Prepared: 02/01/2008 06:45 Analyzed: 02/06/2008 10:36

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Selenium	2.0	U	10.0	ug/L							
Silver	2.0	U	10.0	ug/L							
Vanadium	1.0	U	10.0	ug/L							
Zinc	1.0	U	10.0	ug/L							

LCS (8B01001-BS1) Prepared: 02/01/2008 06:45 Analyzed: 02/06/2008 10:43

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	509	B	10.0	ug/L	500		102	82-117			
Barium	520		10.0	ug/L	500		104	72-125			
Beryllium	257		1.00	ug/L	250		103	75-121			
Cadmium	257		1.00	ug/L	250		103	72-120			
Chromium	502		10.0	ug/L	500		100	78-119			
Cobalt	499		10.0	ug/L	500		100	76-117			
Copper	254		10.0	ug/L	250		102	80-117			
Lead	504		10.0	ug/L	500		101	72-121			
Nickel	507		10.0	ug/L	500		101	78-116			
Selenium	537		10.0	ug/L	500		107	82-127			
Silver	49.2		10.0	ug/L	50.0		98	80-128			
Vanadium	244		10.0	ug/L	250		98	78-117			
Zinc	506		10.0	ug/L	500		101	80-120			

Matrix Spike (8B01001-MS1) Prepared: 02/01/2008 06:45 Analyzed: 02/06/2008 10:59

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	498	B	10.0	ug/L	500	2.0 U	100	64-126			
Barium	714		10.0	ug/L	500	190	105	74-119			
Beryllium	246		1.00	ug/L	250	0.70 U	99	70-131			
Cadmium	242		1.00	ug/L	250	0.50 U	97	68-121			
Chromium	463		10.0	ug/L	500	2.0 U	93	73-120			
Cobalt	489		10.0	ug/L	500	11.6	95	76-120			
Copper	258		10.0	ug/L	250	0.60 U	103	75-123			
Lead	485		10.0	ug/L	500	2.0 U	97	68-126			
Nickel	490		10.0	ug/L	500	3.6	97	64-126			
Selenium	514		10.0	ug/L	500	2.0 U	103	65-129			
Silver	48.0		10.0	ug/L	50.0	2.0 U	96	69-121			
Vanadium	186		10.0	ug/L	250	1.0 U	74	71-130			
Zinc	461		10.0	ug/L	500	1.8	92	63-131			

Matrix Spike Dup (8B01001-MSD1) Prepared: 02/01/2008 06:45 Analyzed: 02/06/2008 11:06

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	505	B	10.0	ug/L	500	2.0 U	101	64-126	1	12	
Barium	716		10.0	ug/L	500	190	105	74-119	0.3	11	
Beryllium	253		1.00	ug/L	250	0.70 U	101	70-131	3	21	

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8B01001 - EPA 3005A

Matrix Spike Dup (8B01001-MSD1) Continued Prepared: 02/01/2008 06:45 Analyzed: 02/06/2008 11:06

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Cadmium	250		1.00	ug/L	250	0.50 U	100	68-121	3	12	
Chromium	474		10.0	ug/L	500	2.0 U	95	73-120	2	10	
Cobalt	501		10.0	ug/L	500	11.6	98	76-120	3	17	
Copper	258		10.0	ug/L	250	0.60 U	103	75-123	0.04	16	
Lead	496		10.0	ug/L	500	2.0 U	99	68-126	2	19	
Nickel	504		10.0	ug/L	500	3.6	100	64-126	3	12	
Selenium	520		10.0	ug/L	500	2.0 U	104	65-129	1	10	
Silver	47.5		10.0	ug/L	50.0	2.0 U	95	69-121	1	12	
Vanadium	188		10.0	ug/L	250	1.0 U	75	71-130	1	16	
Zinc	480		10.0	ug/L	500	1.8	96	63-131	4	24	

Batch 8B01002 - EPA 3005A

Blank (8B01002-BLK1) Prepared: 02/01/2008 06:51 Analyzed: 02/07/2008 13:14

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	0.68	U	2.00	ug/L							
Thallium	0.036	U	1.00	ug/L							

LCS (8B01002-BS1) Prepared: 02/01/2008 06:51 Analyzed: 02/07/2008 13:16

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	26.8		2.00	ug/L	25.0		107	85-115			
Thallium	27.2		1.00	ug/L	25.0		109	85-115			

Matrix Spike (8B01002-MS1) Prepared: 02/01/2008 06:51 Analyzed: 02/07/2008 13:22

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	26.6		2.00	ug/L	25.0	0.68 U	106	85-115			
Thallium	26.6		1.00	ug/L	25.0	0.036 U	106	85-115			

Matrix Spike Dup (8B01002-MSD1) Prepared: 02/01/2008 06:51 Analyzed: 02/07/2008 13:25

Source: C717601-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	26.6		2.00	ug/L	25.0	0.68 U	106	85-115	0.1	20	
Thallium	26.9		1.00	ug/L	25.0	0.036 U	108	85-115	1	20	

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

1015 Passport Way
Cary, NC 27513
(919) 677-1669 Fax (919) 677-9846

Page 1 of 1

Client Name: Golder Associates, Inc. (GO007)	Project Number: 053-6692008.100
Address: The Wingate Building 4900 Koger Blvd., Suite 140	Project Name/Desc: WCA of High Point, LLC- SWs
City/ST/Zip: Greensboro, NC 27407	PO # / Billing Info
Tel: (336) 852-4903 Fax: (336) 852-4904	Reporting Contact: Dusty Reedy
Sampler(s) Name, Affiliation (Print): K. Higgs / R. Stringfellow	Billing Contact: Accounts Payable
Sampler(s) Signature: [signature]	Facility # (if required)

Requested Tumaround Times
Note : Rush requests subject to acceptance by the facility
✓ Standard
___ Expedited
Due __/__/__

Lab Workorder: C717600

Requested Analyses: 8260B Appendix 1; Ag,As,Ba,Be,Cd,Co,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers			Sample Comments
	4116-SW1	01/29/08	15:50	G	Water	4	X	X	NC App I
	4116-SW2	01/29/08	11:09	G	Water	4	X	X	↓
	4116-SW3	01/29/08	10:53	G	Water	4	X	X	↓
	4116-SW4	01/29/08	12:50	G	Water	4	X	X	↓

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
JWL BSG	12/19/07 1530	[signature]	01-30-08 5:20pm	Briana Gregory	1/31/08 12:20
		[signature]			

Comments
1. Please provide a "Level 2" data report.
2. Unit rates per "Basic Ordering Agreement for Laboratory Services" dated, April 9 2004 & 2006 ENCO MSA Price List.
3. Estimated Fee = $560 (Jan / July) rates.

Cooler #'s & Temps on Receipt: C-397 3.1°C

Condition Upon Receipt: ___ Acceptable ___ Unacceptable

Matrix : GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreement is used

LOA per Ryan Stringfellow: [signature] Approved By: [signature]

WORK ORDER

Printed: 2/8/2008 8:59:47AM

C717600

ENCO Cary

Sample Receipt Conditions

Client:	**Golder Associates, Inc. (GO007)**	**Lab Project Mgr:**	**Stephanie Franz**
Project:	**WCA of High Point, LLC- SWs**	**Project Number:**	**053-6692008.100**
PO #:			

Report To:

Golder Associates, Inc. (GO007)
Dusty Reedy
The Wingate Building 4900 Koger Blvd., Suite 140
Greensboro, NC 27407
Phone: (336) 852-4903
Fax: (336) 852-4904

Invoice To:

Golder Associates, Inc. (GO007)
Accounts Payable
The Wingate Building 4900 Koger Blvd., Suite 140
Greensboro, NC 27407
Phone :(804) 358-7900
Fax: 804-358-2900

Received By:	Briana J Gregory	Date Received:	31-Jan-08 12:20
Logged In By:	Briana J Gregory	Date Logged In:	31-Jan-08 12:34

Work Order Comments:

C - 397 received at 3.1°C

Containers Intact	Y	Containers Properly Preserved	Y	Proper Containers Received	Y	All Samples in PreLog Received	Y	COC/Labels Agree	Y
Custody Seals Intact	Y	Volatile Containers Preserved	Y	Volatile Containers Headspace Free	Y	Aqueous Samples Checked for Residual Cl	N	Received On Ice	Y

GOLDER ASSOCIATES INC.
QUALITY ASSURANCE & QUALITY CONTROL
LABORATORY DATA REVIEW

Project Name: WCA of High Point LLC

Project Reference Number: 0536692008.100

Sampling Event Date: January 29-30, 2008

Review Date: February 12, 2008 *Initials:* RS

Review Date: February 25, 2008 *Initials:* KH

Report #: C717600, C717601

Person(s) performing the review are to initial each item on this form as acknowledgement of data acceptance, or as acknowledgement of a review issue. In the case of the latter, a brief explanation should follow the applicable item.

Golder Associates Inc. has reviewed the laboratory certificates of analysis, chain-of-custody form, and laboratory provided sample group quality assurance and quality control data for the above referenced sample group to identify potential bias or inaccuracy, in general accordance with the following United States Environmental Protection Agency documents:

- Region III Modifications to Functional Guidelines for Organic Data Review Multi-Media, Multi-Concentration, September 1994;
- Region III Modifications to the Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses, April 1993; and
- Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses, July 1998.

COMPLIANCE ANALYTE LIST(S) (check all that apply)

___ NC Closed Facility List (.500 Rules)

X NC C & D List (New Rules)

___ NC Appendix I

___ NC Appendix I + Detects

___ NC Appendix II

___ NC Subtitle D Leachate List

Other: _____

1.0 CHAIN OF CUSTODY (COC) REVIEW

RS KH COC was properly signed by all parties.

RS KH Correct project name and number are on the form.

RS KH Sample receipt condition at laboratory was acceptable.

RS KH Each sample and blank submitted for analysis appears in the report.

Notes: _____

2.0 SAMPLE HOLDING TIMES

RS KH Holding times for extraction and/or analysis were met for each analytical Method (see below for reference).

Notes: _____

Review Criteria		
Method	**Analytes**	**Holding Time**
SW-846 Method 8260 and 8011	VOCs	14 days
SW-846 Methods 8270, 8080, 8081, 8082, and 8151	SVOCs, PCBs, pesticides and herbicides	7 days for extraction, 40 days from extraction for analysis
SW-846 Methods 6000 and 7000 Series	Metals except mercury	6 months (no temperature requirements)
SW-846 Method 7470	Mercury	28 days
SW-846 Method 376.1	Sulfide	7 days
SW-846 Method 9010	Cyanide	14 days
EPA Method 300	Nitrate/Sulfate	48 hours/28 days
EPA Method 405.1	BOD	48 hours
EPA Method 410.4	COD	28 days
EPA Method 365.4	Phosphorous	28 days

3.0 LABORATORY QUALITY CONTROL REVIEW

RS KH Laboratory analyzed at least one internal blank for each method, where applicable.

RS KH Laboratory blank is interference-free.

- ***Arsenic detected at 2.1 µg/L (J) in lab blank (8B01001-BLK1)***

RS KH Surrogate recoveries are provided for each analytical method, where applicable.

RS KH Surrogate recoveries for each method are within the acceptable limits (i.e., at least 50% of the surrogates were within range).

RS KH MS/MSD/LCS data results are provided for each analytical method.

RS KH MS/MSD/LCS recoveries for each method are within the acceptable limits (i.e., at least 1 of the 3 were within range).

Report: C717601

- ***The Manganese spike recovery was outside acceptance limits for Matrix Spike (8B01001-MS1) and is flagged QM-07. The batch was accepted based on an acceptable LCS recovery.***

Notes: No note of the QM-07 flagged spike recovery was made in the Quality Control section of Report C717601.

4.0 ANALYTE LISTS/METHODS

RS KH The proper number of constituents are present for each analyte list as identified above (including detects where applicable).

RS KH Proper EPA SW-846 analytical methods were used for analysis.

Notes: _____

5.0 DATA REPORTING

RS KH All analytical reporting associated with the event was performed by the contracted lab.

RS KH Trip, field and/or equipment, and laboratory blank results have all been reported. All detects for blanks are listed below by constituent. All laboratory method blanks, if any, have been 'flagged' with a 'B' where detected in other samples as appropriate and a laboratory narrative was provided. If the sample was flagged by the laboratory and is not within 5X of the concentration in the blank (or 10X for commonly detected laboratory contaminants-acetone, methylene chloride and phthalates), list below with explanation if flags should be removed. If flags need to be added for samples, also list below.

Lab Blank

- ***Arsenic detected at 2.1 µg/L (J)***

Field Blank

- ***Barium detected at 0.30 µg/L (J)***
- ***Zinc detected at 1.6 µg/L (J)***

RS KH It is clear from the laboratory report that samples have or have not been diluted during analysis, and if the samples have been diluted, the result is reported as a multiple of the dilution (e.g., a sample diluted 10x resulting in an analytical detection of 1.0 should be reported as 10). Those that have been diluted are listed below with the dilution factor.

MW-5

- ***Total Alkalinity: DF 2x***

RS KH The report provides the reporting limit for each constituent.

RS KH The results were reported at or below their proper reporting limits (i.e., MDLs with SWSLs reported). Those that are not reported correctly are listed below (by constituent) with the proper reporting limit listed beside them. State if the reporting limit error is due to dilutions.

RS KH No organic constituents were reported above their respective SWSLs, and no inorganic or organic constituents were reported above their respective NC 2L Drinking Water Standards/GWPS in wells, or field/equipment/trip blanks, or above applicable surface water standards in surface water points.

Barium ***(SWSL: 100 µg/L)***

- ***MW-1 at 100 µg/L; MW-2 at 190 µg/L; MW-5 at 110 µg/L; MW-7S at 143 µg/L***

Cobalt ***(SWSL: 10 µg/L)***

- ***MW-2 at 11.6 µg/L***

Iron ***(SWSL and 2L: 300 µg/L)***

- ***MW-1 at 533 µg/L; MW-2 at 327 µg/L; MW-4S at 2220 µg/L; MW-5 at 21100 µg/L; MW-7S at 3320 µg/L; MW-8 at 1110 µg/L***

Manganese ***(SWSL and 2L: 50 µg/L)***

- ***MW-2 at 7760 µg/L; MW-5 at 4340 µg/L; MW-7S at 64.8 µg/L; MW-8 208 µg/L***

Vanadium ***(NC2L: 3.5 µg/L)***

- ***MW-1 at 3.7 µg/L (J); MW-4S at 3.6 µg/L (J); MW-7S at 13.3 µg/L (J)***

Zinc ***(SWSL: 10 µg/L)***

- ***SW-1 at 112 µg/L; SW-2 at 26.9 µg/L; SW-3 at 10.6 µg/L***

RS KH No inorganic and organic constituents were detected in a well or surface water point at concentrations outside of their historical range (more than 5X previous concentrations or first-time detections).

First time detects:

- ***Nickel – MW-3 at 2.4 µg/L (J); MW-4S at 3.7 µg/L (J); Nickel – MW-5 at 6.5 µg/L (J); MW-8 at 3.3 µg/L (J)***
- ***Copper – SW-1 at 1.00 µg/L (J); SW-4 at 1.10 µg/L (J)***
- ***Selenium – MW-6 at 2.0 µg/L (J)***
- ***Thallium – SW-2 at 0.041 µg/L (J)***

Constituents detected at their highest historical concentration, but not more than 5X previous concentrations:

- ***Barium – MW-3 at 46.9 µg/L (J); MW-5 at 110 µg/L; MW-6 at 82.2 µg/L(J); MW-8 at 66.8 µg/L (J); SW-1 at 49.8 µg/L (J); SW-2 at 62.2 (J); SW-3 at 74.1 (J); SW-4 at 71.2 (J)***

- ***Chloride – MW-4S at 10 mg/L (J)***
- ***Cobalt - MW-5 at 5.6 µg/L (J)***
- ***Copper – MW-8 at 5.30 µg/L (J)***
- ***Iron – MW-4S at 2220 µg/L; MW-5 at 21100 µg/L; MW-8 at 1110 µg/L***
- ***Manganese – MW-3 at 8.0 µg/L (J); MW-5 at 4340 µg/L***
- ***Nickel – MW-2 at 3.6 µg/L (J); SW-1 at 4.8 µg/L (J)***
- ***Sulfate – MW-5 at 79 mg/L (J)***
- ***Total Alkalinity – MW-5 at 310 mg/L***
- ***Total Dissolved Solids – MW-2 at 200 mg/L; MW-3 at 100 mg/L; MW-4S at 110 mg/L; MW-5 at 410 mg/L; MW-6 at 310 mg/L; MW-8 at 240 mg/L***
- ***Zinc – SW-1 at 112 µg/L; SW-3 at 10.6 µg/L***

RS KH Other report issues/Communications with laboratory/etc.:

Notes: _____

APPENDIX III

STATISTICAL EVALUATION WORKSHEETS

Golder Associates NC, Inc.

Summary of Statistical Analysis
WCA of High Point, LLC Construction and Demolition Landfill, Permit No. 41-16
Guilford County, North Carolina

January 2008									
Detected Monitoring Constituent/Analytes	**Reporting Units**	**Statistical Evaluation Method**		**Prediction Interval**	**Downgradient Monitoring Wells and Concentrations**				
					MW-2	**MW-3**	**MW-4S**	**MW-5**	**MW-6**
Barium	ug/L	Interwell	Nonparametric Prediction Interval	141	190	46.9 J	66.6	110	82.2 J
		Intrawell MW-2	Nonparametric Prediction Interval	338					
Cobalt	ug/L	Insufficient data to perform statistical evaluation.		NA	11.6	ND	ND	5.6 J	ND
Iron	ug/L	Insufficient data to perform statistical evaluation.		NA	327	31 J	2220	21100	106 J
Manganese	ug/L	Insufficient data to perform statistical evaluation.		NA	7760	8.0 J	27.3 J	2340	12.6 J
Chloride	ug/L	Insufficient data to perform statistical evaluation.		NA	10	3.3 J	10	16	15

Notes:

1. Shaded values represent apparent statistical significant increases (SSIs) over background concentrations. No shading was necessary for the January 2008 results.
2. Statistical worksheets are provided as Appendix III.
3. u/gL = microgramps per liter
4. J = estimated concentration below the Solid Waste Section Limit;
5. B = blank-qualified
6. No SSIs were confirmed for the January 2008 sampling event.

Project Name: WCA of High Point C&D LF
Project No: 053-6692008.100
Date: 2/25/08

Analyte: Barium

Sample No.	Sample Date	Location	Concentration (ug/L)		Quantitation Limit (ug/L)
1	10/8/2003	MW-1	ND		500
2	1/23/2004	MW-1	ND		500
3	7/8/2004	MW-1	ND		500
4	1/25/2005	MW-1	ND		500
5	7/6/2005	MW-1	ND		50
6	1/9/2006	MW-1	ND		500
7	7/12/2006	MW-1	ND		500
8	1/16/2007	MW-1	141		100
9	7/2/2007	MW-1	137		100
10	1/30/2008	MW-1	100		100

Number of Data	10
Number of Truncated Data	7
Percentage of Truncated Data	70%

Nonparametric Prediction Interval: **141.00**

Project Name: WCA of High Point C&D LF
Project No: 053-6692008.100
Date: 2/25/08

Analyte: Barium (Intrawell MW-2)

Sample No.	Sample Date	Location	Concentration (ug/L)		Quantitation Limit (ug/L)
1	10/8/2003	MW-2	ND		500
2	1/23/2004	MW-2	ND		500
3	7/8/2004	MW-2	ND		500
4	1/25/2005	MW-2	ND		500
5	7/6/2005	MW-2	ND		50
6	1/9/2006	MW-2	ND		500
7	7/12/2006	MW-2	ND		500
8	1/16/2007	MW-2	187		100
9	7/2/2007	MW-2	338		100

Number of Data	9
Number of Truncated Data	7
Percentage of Truncated Data	78%

Nonparametric Prediction Interval: **338.00**

APPENDIX IV

GROUNDWATER MONITORING WELL MAINTENANCE RECORDS

Golder Associates NC, Inc.

GROUNDWATER MONITORING WELL MAINTENANCE RECORD

FACILITY: *WCA of High Point C&D LF* **PERMIT NO.:** *41-16*

LOCATION: *MW-1* **DATE:** *January 29, 2008*

INSPECTOR: *K. Higgs/R. Stringfellow* **COMPANY:** *Golder Associates NC Inc.*

---

1. Is surface water diverted away from the well head? *YES*
2. Is the concrete pad still intact and free of cracks? *NO, Minor cracks*
3. Has surface water runoff undercut the concrete pad? *NO*
4. Is the outer casing still secure and locked? *YES*
5. Is the well identification tag present and is it legible? *YES*

   5a. Does the well identification tag provide the following information:

   - The well identification number? *YES*
   - Drilling contractor and registration number? *YES*
   - Total well depth? *YES*
   - Depth to screen? *YES*
   - A warning that the well is not for water supply and that the ground water may contain hazardous materials? *YES*

6. Is the grout between the inner and outer well casings all the way to the ground surface? *YES*
7. Is the inner casing firmly grouted in place? *YES*
8. Are the inner and outer casings upright and unobstructed? *YES*
9. Is water collecting in the outer casing? Does a weep hole need to be bored in the outer casing to provide drainage? *NO*
10. Is the monitoring well accessible by a four-wheel drive vehicle? *YES*
11. Have brush and weeds been trimmed so that the well is easy to locate and access? *YES*
12. Does the inner well casing have a vented cap? *YES*
13. Is the monitoring well visible and adequately protected from moving equipment? *YES*

GROUNDWATER MONITORING WELL MAINTENANCE RECORD

FACILITY: *WCA of High Point C&D LF* **PERMIT NO.:** *41-16*

LOCATION: *MW-2* **DATE:** *January 29, 2008*

INSPECTOR: *K. Higgs/R. Stringfellow* **COMPANY:** *Golder Associates NC Inc.*

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1. Is surface water diverted away from the well head? *NO, pond discharge too close to well*
2. Is the concrete pad still intact and free of cracks? *YES*
3. Has surface water runoff undercut the concrete pad? *NO*
4. Is the outer casing still secure and locked? *YES*
5. Is the well identification tag present and is it legible? *YES*

   5a. Does the well identification tag provide the following information:

   - The well identification number? *YES*
   - Drilling contractor and registration number? *YES*
   - Total well depth? *YES*
   - Depth to screen? *YES*
   - A warning that the well is not for water supply and that the ground water may contain hazardous materials? *YES*

6. Is the grout between the inner and outer well casings all the way to the ground surface? *YES*
7. Is the inner casing firmly grouted in place? *YES*
8. Are the inner and outer casings upright and unobstructed? *YES*
9. Is water collecting in the outer casing? Does a weep hole need to be bored in the outer casing to provide drainage? *NO*
10. Is the monitoring well accessible by a four-wheel drive vehicle? *YES*
11. Have brush and weeds been trimmed so that the well is easy to locate and access? *YES*
12. Does the inner well casing have a vented cap? *YES*
13. Is the monitoring well visible and adequately protected from moving equipment? *YES*

GROUNDWATER MONITORING WELL MAINTENANCE RECORD

FACILITY: *WCA of High Point C&D LF* **PERMIT NO.:** *41-16*

LOCATION: *MW-3* **DATE:** *January 29, 2008*

INSPECTOR: *K. Higgs/R. Stringfellow* **COMPANY:** *Golder Associates NC Inc.*

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1. Is surface water diverted away from the well head? *YES*
2. Is the concrete pad still intact and free of cracks? *YES*
3. Has surface water runoff undercut the concrete pad? *NO*
4. Is the outer casing still secure and locked? *YES*
5. Is the well identification tag present and is it legible? *YES*

   5a. Does the well identification tag provide the following information:

   - The well identification number? *YES*
   - Drilling contractor and registration number? *YES*
   - Total well depth? *YES*
   - Depth to screen? *YES*
   - A warning that the well is not for water supply and that the ground water may contain hazardous materials? *YES*

6. Is the grout between the inner and outer well casings all the way to the ground surface? *YES*
7. Is the inner casing firmly grouted in place? *YES*
8. Are the inner and outer casings upright and unobstructed? *YES*
9. Is water collecting in the outer casing? Does a weep hole need to be bored in the outer casing to provide drainage? *NO*
10. Is the monitoring well accessible by a four-wheel drive vehicle? *YES*
11. Have brush and weeds been trimmed so that the well is easy to locate and access? *YES*
12. Does the inner well casing have a vented cap? *YES*
13. Is the monitoring well visible and adequately protected from moving equipment? *YES*

GROUNDWATER MONITORING WELL MAINTENANCE RECORD

FACILITY: *WCA of High Point C&D LF* **PERMIT NO.:** *41-16*

LOCATION: *MW-4S* **DATE:** *January 29, 2008*

INSPECTOR: *K. Higgs/R. Stringfellow* **COMPANY:** *Golder Associates NC Inc.*

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1. Is surface water diverted away from the well head? *YES*
2. Is the concrete pad still intact and free of cracks? *YES*
3. Has surface water runoff undercut the concrete pad? *NO*
4. Is the outer casing still secure and locked? *YES*
5. Is the well identification tag present and is it legible? *YES*

   5a. Does the well identification tag provide the following information:

   - The well identification number? *YES*
   - Drilling contractor and registration number? *YES*
   - Total well depth? *YES*
   - Depth to screen? *YES*
   - A warning that the well is not for water supply and that the ground water may contain hazardous materials? *YES*

6. Is the grout between the inner and outer well casings all the way to the ground surface? *YES*
7. Is the inner casing firmly grouted in place? *YES*
8. Are the inner and outer casings upright and unobstructed? *YES*
9. Is water collecting in the outer casing? Does a weep hole need to be bored in the outer casing to provide drainage? *NO*
10. Is the monitoring well accessible by a four-wheel drive vehicle? *YES*
11. Have brush and weeds been trimmed so that the well is easy to locate and access? *YES*
12. Does the inner well casing have a vented cap? *YES*
13. Is the monitoring well visible and adequately protected from moving equipment? *YES*

GROUNDWATER MONITORING WELL MAINTENANCE RECORD

FACILITY: *WCA of High Point C&D LF* **PERMIT NO.:** *41-16*

LOCATION: *MW-5* **DATE:** *January 29, 2008*

INSPECTOR: *K. Higgs/R. Stringfellow* **COMPANY:** *Golder Associates NC Inc.*

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1. Is surface water diverted away from the well head? *YES*
2. Is the concrete pad still intact and free of cracks? *YES*
3. Has surface water runoff undercut the concrete pad? *NO*
4. Is the outer casing still secure and locked? *YES*
5. Is the well identification tag present and is it legible? *YES*

   5a. Does the well identification tag provide the following information:

   - The well identification number? *YES*
   - Drilling contractor and registration number? *YES*
   - Total well depth? *YES*
   - Depth to screen? *YES*
   - A warning that the well is not for water supply and that the ground water may contain hazardous materials? *YES*

6. Is the grout between the inner and outer well casings all the way to the ground surface? *YES*
7. Is the inner casing firmly grouted in place? *YES*
8. Are the inner and outer casings upright and unobstructed? *YES*
9. Is water collecting in the outer casing? Does a weep hole need to be bored in the outer casing to provide drainage? *NO*
10. Is the monitoring well accessible by a four-wheel drive vehicle? *YES*
11. Have brush and weeds been trimmed so that the well is easy to locate and access? *YES*
12. Does the inner well casing have a vented cap? *YES*
13. Is the monitoring well visible and adequately protected from moving equipment? *YES*

GROUNDWATER MONITORING WELL MAINTENANCE RECORD

FACILITY: *WCA of High Point C&D LF* **PERMIT NO.:** *41-16*

LOCATION: *MW-6* **DATE:** *January 29, 2008*

INSPECTOR: *K. Higgs/R. Stringfellow* **COMPANY:** *Golder Associates NC Inc.*

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1. Is surface water diverted away from the well head? *YES*
2. Is the concrete pad still intact and free of cracks? *YES*
3. Has surface water runoff undercut the concrete pad? *NO*
4. Is the outer casing still secure and locked? *YES*
5. Is the well identification tag present and is it legible? *YES*

   5a. Does the well identification tag provide the following information:

   - The well identification number? *YES*
   - Drilling contractor and registration number? *YES*
   - Total well depth? *YES*
   - Depth to screen? *YES*
   - A warning that the well is not for water supply and that the ground water may contain hazardous materials? *YES*

6. Is the grout between the inner and outer well casings all the way to the ground surface? *YES*
7. Is the inner casing firmly grouted in place? *YES*
8. Are the inner and outer casings upright and unobstructed? *YES*
9. Is water collecting in the outer casing? Does a weep hole need to be bored in the outer casing to provide drainage? *NO*
10. Is the monitoring well accessible by a four-wheel drive vehicle? *YES*
11. Have brush and weeds been trimmed so that the well is easy to locate and access? *YES*
12. Does the inner well casing have a vented cap? *YES*
13. Is the monitoring well visible and adequately protected from moving equipment? *YES*

GROUNDWATER MONITORING WELL MAINTENANCE RECORD

FACILITY: *WCA of High Point C&D LF* **PERMIT NO.:** *41-16*

LOCATION: *MW-7S* **DATE:** *January 29, 2008*

INSPECTOR: *K. Higgs/R. Stringfellow* **COMPANY:** *Golder Associates NC Inc.*

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1. Is surface water diverted away from the well head? *YES*
2. Is the concrete pad still intact and free of cracks? *YES*
3. Has surface water runoff undercut the concrete pad? *NO*
4. Is the outer casing still secure and locked? *YES*
5. Is the well identification tag present and is it legible? *YES*

   5a. Does the well identification tag provide the following information:

   - The well identification number? *YES*
   - Drilling contractor and registration number? *YES*
   - Total well depth? *YES*
   - Depth to screen? *YES*
   - A warning that the well is not for water supply and that the ground water may contain hazardous materials? *YES*

6. Is the grout between the inner and outer well casings all the way to the ground surface? *YES*
7. Is the inner casing firmly grouted in place? *YES*
8. Are the inner and outer casings upright and unobstructed? *YES*
9. Is water collecting in the outer casing? Does a weep hole need to be bored in the outer casing to provide drainage? *NO*
10. Is the monitoring well accessible by a four-wheel drive vehicle? *YES*
11. Have brush and weeds been trimmed so that the well is easy to locate and access? *YES*
12. Does the inner well casing have a vented cap? *YES*
13. Is the monitoring well visible and adequately protected from moving equipment? *YES*

GROUNDWATER MONITORING WELL MAINTENANCE RECORD

FACILITY: *WCA of High Point C&D LF* **PERMIT NO.:** *41-16*

LOCATION: *MW-8* **DATE:** *January 29, 2008*

INSPECTOR: *K. Higgs/R. Stringfellow* **COMPANY:** *Golder Associates NC Inc.*

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1. Is surface water diverted away from the well head? *YES*
2. Is the concrete pad still intact and free of cracks? *YES*
3. Has surface water runoff undercut the concrete pad? *NO*
4. Is the outer casing still secure and locked? *YES*
5. Is the well identification tag present and is it legible? *YES*

   5a. Does the well identification tag provide the following information:

   - The well identification number? *YES*
   - Drilling contractor and registration number? *YES*
   - Total well depth? *YES*
   - Depth to screen? *YES*
   - A warning that the well is not for water supply and that the ground water may contain hazardous materials? YES

6. Is the grout between the inner and outer well casings all the way to the ground surface? *YES*
7. Is the inner casing firmly grouted in place? *YES*
8. Are the inner and outer casings upright and unobstructed? *YES*
9. Is water collecting in the outer casing? Does a weep hole need to be bored in the outer casing to provide drainage? *NO*
10. Is the monitoring well accessible by a four-wheel drive vehicle? *YES*
11. Have brush and weeds been trimmed so that the well is easy to locate and access? *YES*
12. Does the inner well casing have a vented cap? *YES*
13. Is the monitoring well visible and adequately protected from moving equipment? *YES*