P1067

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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 of North Carolina, Inc. for WCA of High Point, LLC

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

Name: Rachel P. Kirkman, P.G. Phone: (336) 852-4903

E-mail: rkirkman@golder.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
WCA High Point, LLC Construction & Demolition Landfill	5830 Riverdale Drive Jamestown, North Carolina 27282	41-16	.0544	January 16, 2007

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.

Rachel P. Kirkman, P.G.	Senor Project Geologist	(336) 852-4903
Facility Representative Name (Print)	Title	(Area Code) Telephone Number

Signature: Rachel P. Kirkman Date: 4-12-07

Affix NC Licensed Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 1811 GEOLOGIST RACHEL P. KIRKMAN 4-12-07

Revised 10/2006

Golder Associates NC, Inc.

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April 12, 2007 Project No. 053-6692007

Department of Environment and Natural Resources
Division of Waste Management
Solid Waste Section
401 Oberlin Road, Suite 150
Raleigh, North Carolina 27605
919-733-4996

Attention: Ms. Jaclynne Drummond
Hydrogeologist

Re: WCA of High Point C&D Landfill, Permit No. 41-16
Guilford County, North Carolina
Groundwater Monitoring Report, First Semiannual 2007 Sampling Event

Dear Ms. Drummond:

On behalf of Waste Corporation of America of High Point, LLC (WCA), Golder Associates NC, Inc. (Golder) is submitting this *Groundwater Monitoring Report*, which documents the results of the January 16, 2007, compliance monitoring event at the above-referenced facility.

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). Four inorganic constituents (barium, cobalt, iron, and manganese) were detected above the Solid Waste Section Limits (SWSLs) in one or more downgradient monitoring wells during the January 2007 monitoring event. There were no organic constituents detected above the SWSLs during the January 2007 monitoring event. The concentration of iron in MW-1, MW-2, MW-4S, MW-5, and MW-6; and manganese in MW-1, MW-2, MW-5, and MW-6 exceeded their respective North Carolina Groundwater Quality Standards (2L Standards) during the January 2007 monitoring event. Since iron and manganese were detected at similar concentrations in the background well and in MW-7S and MW-8, which are currently in background sampling, it is presumed that these concentrations are representative of background for the facility.

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 2007. Also included with this submittal are the results from the first background sampling event for MW-7S and MW-8, which are proposed monitoring wells for the Phase 2 expansion. If you have any questions, please contact the undersigned at 336-852-4903.

Sincerely,
GOLDER ASSOCIATES NC, INC.

Benjamin S. Draper
Geologist

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
Vernon Smith, General Manager, WCA of North Carolina, 40 Estes Plant Road, Piedmont, SC 29673, 864-845-8355

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GROUNDWATER MONITORING REPORT
FIRST SEMIANNUAL 2007 SAMPLING EVENT

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

APRIL 2007

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, NC 27407
PROJECT NO. 053-6692007.100

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Drawing 1 Groundwater Contour Map, January 16, 2007

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1.0 INTRODUCTION

This report summarizes the monitoring results from January 16, 2007, groundwater, surface water sampling and analysis event at the Waste Corporation of America (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 that 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 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 elevations of 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, 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.

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, 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 2007 monitoring event and summarized in Tables 1 and 2, were used to prepare a groundwater surface contour map presented on Drawing 1.

Surface water and groundwater at the site 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. This tributary is approximately 1300 feet south of the property line and the Deep River is approximately 0.5 mile east of the site. Groundwater beneath the site flows in three distinguishable and vertically interconnected hydrogeologic units; saprolite, partially weathered rock (PWR), and bedrock. The groundwater contour map and interpreted flow directions are consistent with previously submitted interpretations for this facility.

Based on the January 16, 2007, groundwater 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 0.052. 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 8 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 2007 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 was implemented 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 2007 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.

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. The well locations 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 Tables 1 and 2. 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 5 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 compliance wells MW-2, MW-3, MW-4S, MW-5, and MW-6, which are located near groundwater discharge areas, is much less, presumably due to the stabilizing affect of the hydraulic discharge boundary.

Monitoring wells MW-7S and MW-8 are proposed as additions to the current monitoring network pending the approval of the proposed Phase 2 expansion at the facility. Currently, MW-7S and MW-8 are in background sampling.

2.3 January 2007 Groundwater Monitoring Event

Personnel from Golder visited the facility on January 16, 2007, to purge and sample monitoring wells MW-1, MW-2, MW-3, MW-4S, MW-5, and MW-6 and to sample surface water monitoring points SW-1 and SW-3 (upgradient) and SW-2 and SW-4 (downgradient). 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 disposable bailers. Measurements of temperature, pH, specific conductivity, temperature, and turbidity were recorded prior to the purge, after each purge volume, and at the time of sampling.

During the purge, 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 disposable bailers in the labeled, laboratory-supplied, pre-preserved sample containers after purging was completed. 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, temperature, 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 16, 2007, 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 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 17, 2007, in good condition and properly preserved.

2.5 January 2007 Sampling Results

Analytical results for the January 2007 groundwater and surface water samples are summarized in Table 5 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, iron, and manganese were detected at quantifiable concentrations above the solid waste section reporting limits (SWSLs) in downgradient monitoring wells at the facility. All other detections of inorganic constituents were below their respective SWSLs. No organic constituents were detected in groundwater at the facility above the SWSLs during the January 2007 monitoring event. No inorganic or organic constituents detected above the SWSLs in surface water samples collected at the facility during the January 2007 monitoring event.

3.0 LABORATORY AND FIELD QA/QC

A field blank was collected by Golder personnel as part of the January 2007 groundwater sampling event. In addition to the field blank, a laboratory-prepared trip blank accompanied the volatile sample containers for the January 2007 sampling event to and from the laboratory. ENCO analyzed the field blank for the same constituents as the groundwater samples, and the trip blank for Appendix I volatile organic compounds. Reviews of the laboratory data were performed by Golder personnel (included in Appendix II). After review it was determined that and zinc was detected at a quantified concentration in the field blank. Due to the detection of zinc in the field blank the low concentration detections of zinc in MW-3, MW-4S, MW-5, MW-6, SW-1, SW-2, SW-3, and SW-4 should be considered blank-qualified. Arsenic was also detected at an estimated concentration in the method blank. Arsenic detections in MW-2, MW-3, MW-4S, SW-2, and SW-4 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, and manganese were detected above their respective quantitation limits in downgradient monitoring wells during this sampling event. Pursuant to the requirements of 15A NCAC 13B.0544, the barium concentration detected in downgradient monitoring well MW-2 was statistically evaluated in accordance with the procedures outlined in 15A NCAC 13B.0544 (g)

and (h) to determine if the reported concentration exceeded the facility background concentration. The statistical worksheets are presented as Appendix III. As presented, the reported barium concentration in MW-2 was determined to be below its respective background concentration. Insufficient background data exist to perform a statistical analysis of cobalt, iron, and manganese at this time. However, concentrations in downgradient monitoring wells appear to be generally consistent with background concentrations.

No organic constituents were detected in groundwater at the facility above the laboratory quantitation limit during the January 2007 monitoring event. No inorganic or organic constituents detected in surface water samples above the SWSLs collected at the facility during the January 2007 monitoring event.

4.2 North Carolina Groundwater Quality Standard Comparisons

As presented in Table 5, concentrations of iron in MW-1, MW-2, MW-4S, MW-5, and MW-6 and concentrations of manganese in MW-1, MW-2, MW-5, and MW-6 exceeded there respective 2L Standards. 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 perceived to be groundwater quality issues.

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 2007.

6.0 REFERENCES

Butler, J. Robert and Secor, Donald T., Jr., 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.

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

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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	---	730.57	758.44
1/16/2007	793.91	748.44	739.11	728.41	734.13	736.28	726.22	730.35	731.98	760.20
MEAN	*793.59*	*748.17*	*737.97*	*727.77*	*734.13*	*736.24*	*725.00*	*730.35*	*731.28*	*759.32*
MAXIMUM	*795.37*	*748.80*	*739.48*	*728.41*	*734.13*	*741.04*	*726.66*	*730.35*	*731.98*	*760.20*
MINIMUM	*789.97*	*746.84*	*736.57*	*726.11*	*734.13*	*734.73*	*724.23*	*730.35*	*730.57*	*758.44*

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. During the 1/9/06, 7/12/06, and 1/16/07 events, the water level for MW-4D was above ground surface, just below the top of casing.

TABLE 2

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

	Piezometers							
	P-3	**P-6**	**P-7**	**P-11**	**HA-1**	**HA-3**	**HA-4**	**HA-5**
TOC Elevation (ft AMSL)	**790.06**	**799.72**	**787.07**	**780.29**	**773.08**	**753.23**	**737.82**	**728.17**
Date	**Static Groundwater Elevation (ft AMSL)**							
7/12/2006	---	---	---	746.25	---	749.10	733.77	725.59
1/16/2007	786.84	780.12	779.47	746.55	768.38	750.04	734.37	726.12
MEAN	*786.84*	*780.12*	*779.47*	*746.40*	*768.38*	*749.57*	*734.07*	*725.86*
MAXIMUM	*786.84*	*780.12*	*779.47*	*746.55*	*768.38*	*750.04*	*734.37*	*726.12*
MINIMUM	*786.84*	*780.12*	*779.47*	*746.25*	*768.38*	*749.10*	*733.77*	*725.59*

Notes:
1. TOC = top of casing
2. ft AMSL = feet above mean sea level
3. --- = no data available

TABLE 3

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

January 2007							
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	SW	614	790 760	0.0489	0.09	1.37E-05	7.70
i_2	SW	1204	790 730	0.0498	0.09	1.37E-05	7.86
i_3	SSW	709	790 750	0.0564	0.09	1.37E-05	8.90

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 4

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		
4116-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
4116-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
4116-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
4116-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
4116-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
4116-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
4116-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
4116-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
4116-MW-7D	07/11/06	2	761.24	763.27	70.0	691.24	60.0	70.0	701.24	691.24	Bedrock	Water Levels Only
4116-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 5

Summary of Detected Constituents
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	Reporting Limit	Upgradient	Downgradient							Surface Water				Blanks
						MW-1	MW-2	MW-3	MW-4S	MW-5	MW-6	MW-7S	MW-8	SW-1	SW-2	SW-3	SW-4	
Arsenic (Total)	ug/L	10/8/2003	---	---	10	ND	ND	ND	ND	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	ND	ND	ND	ND
	ug/L	7/8/2004	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND	ND	ND	ND	ND
	ug/L	1/25/2005	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND	ND	ND	ND	ND
	ug/L	7/6/2005	---	---	10	ND	ND	ND	ND	ND	ND	---	---	---	---	ND	ND	ND
	ug/L	1/9/2006	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND	ND	ND	ND	ND
	ug/L	7/12/2006	---	---	10	ND	ND	ND	ND	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	ND	3.8 B	3.1 B	ND	2.4 J
Barium (Total)	ug/L	10/8/2003	---	---	500	ND	ND	ND	ND	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	ND	ND	ND	ND
	ug/L	7/8/2004	---	---	500	ND	ND	ND	ND	ND	ND	---	---	ND	ND	ND	ND	ND
	ug/L	1/25/2005	---	---	500	ND	ND	ND	ND	ND	ND	---	---	ND	ND	ND	ND	ND
	ug/L	7/6/2005	---	---	50	ND	ND	ND	ND	ND	ND	---	---	---	---	ND	ND	ND
	ug/L	1/9/2006	---	---	500	ND	ND	ND	ND	ND	ND	---	---	ND	ND	ND	ND	ND
	ug/L	7/12/2006	---	---	500	ND	ND	ND	ND	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	38.7 J	39.5 J	47.6 J	46.0 J	0.90 J
Chromium (Total)	ug/L	10/8/2003	---	---	10	ND	ND	ND	ND	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	ND	ND	ND	ND
	ug/L	7/8/2004	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND	ND	ND	ND	ND
	ug/L	1/25/2005	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND	ND	ND	ND	ND
	ug/L	7/6/2005	---	---	10	ND	ND	ND	ND	ND	ND	---	---	---	---	ND	ND	ND
	ug/L	1/9/2006	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND	ND	ND	ND	ND
	ug/L	7/12/2006	---	---	10	ND	ND	ND	ND	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	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	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	1.00 J	1.50 J	ND	ND
NC 2L = 1000 ug/L																		
Lead (Total)	ug/L	10/8/2003	---	---	10	ND	ND	ND	ND	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	ND	ND	ND	ND
	ug/L	7/8/2004	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND	ND	ND	ND	ND
	ug/L	1/25/2005	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND	ND	ND	ND	ND
	ug/L	7/6/2005	---	---	10	ND	ND	ND	ND	ND	ND	---	---	---	---	ND	ND	ND
	ug/L	1/9/2006	---	---	10	ND	ND	ND	ND	ND	ND	---	---	ND	ND	ND	ND	ND
	ug/L	7/12/2006	---	---	10	ND	ND	ND	ND	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	4.6 J	2.6 J	ND	3.6 J	ND
Nickel	ug/L	1/16/2007	2.0	10.0	50	3.8 J	ND	ND	ND	ND	ND	17.2 J	ND	2.9 J	ND	ND	ND	ND
NC 2L = 100 ug/L																		
Thallium	ug/L	1/16/2007	0.044	0.050	5.5	ND	0.048 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NC 2L = 2 ug/L																		
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	ND	ND	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	27.0 B	27.1 B	9.5 B	4.2 B	10.0
NC 2L = 1050 ug/L																		
Iron	ug/L	1/16/2007	20	50	---	2530	3410	80	1020	9860	700	16400	680	---	---	---	---	---
NC 2L = 300 ug/L																		
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																		
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																		

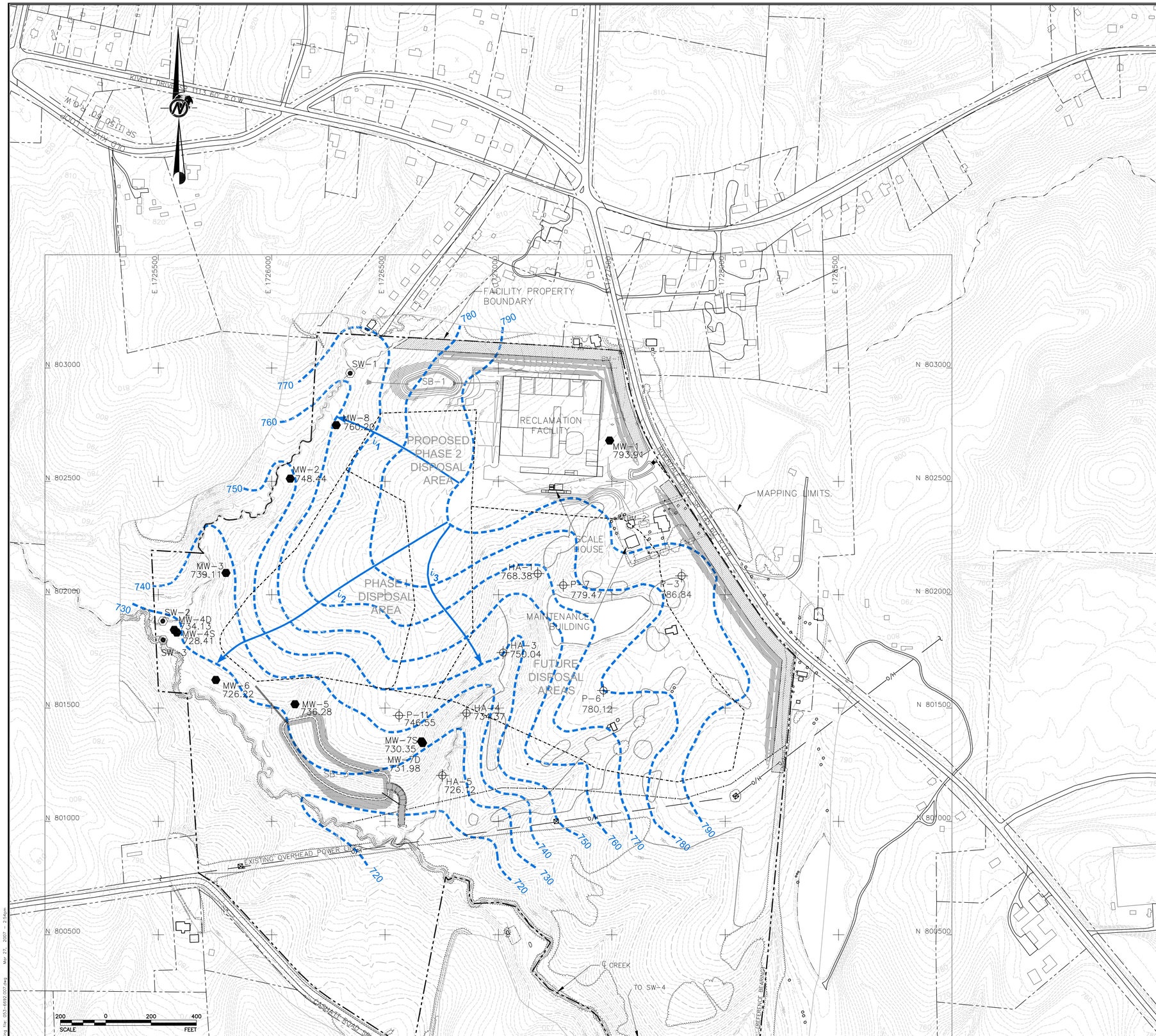
TABLE 5

Summary of Detected Constituents
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	Reporting Limit	Upgradient	Downgradient							Surface Water				Blanks
						MW-1	MW-2	MW-3	MW-4S	MW-5	MW-6	MW-7S	MW-8	SW-1	SW-2	SW-3	SW-4	
Total Dissolved Solids	mg/L	1/16/2007	10	10	---	214	180	68	82	280	212	236	236	---	---	---	---	---
Sulfate as SO4 NC 2L = 250 mg/L	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
Total Alkalinity	mg/L	1/16/2007	2.0	2.0	---	39	53	5.0	25	17	160	100	170	---	---	---	---	---
pH (Field)	S.U.	7/6/2005	---	---	---	6.47	5.44	6.00	5.85	5.88	6.42	---	---	---	---	6.49	7.02	---
	S.U.	1/9/2006	---	---	---	5.96	5.76	6.37	6.02	6.27	6.10	---	---	6.70	6.01	6.45	6.72	---
	S.U.	7/12/2006	---	---	---	6.20	5.64	6.10	5.70	6.38	6.85	---	---	6.28	5.86	6.38	6.78	---
	S.U.	1/16/2007	---	---	---	7.35	6.82	6.88	6.61	6.22	6.59	6.74	7.20	7.44	6.02	6.10	6.35	---
Specific Conductance (Field)	uS/cm	7/6/2005	---	---	1	253	222	178	168	313	520	---	---	---	---	407	366	---
	uS/cm	1/9/2006	---	---	1	146	164	82	81	334	142	---	---	123	155	143	110	---
	uS/cm	7/12/2006	---	---	1	235	222	118	215	363	367	---	---	175	237	258	213	---
	uS/cm	1/16/2007	---	---	1	224	279	850	110	497	226	268	374	124	120	184	162	---
Temperature (Field)	^{o}C	7/6/2005	---	---	0.01	20.8	20.5	16.2	19.3	19.0	19.6	---	---	---	---	23.3	24.6	---
	^{o}C	1/9/2006	---	---	0.01	17.86	14.23	15.62	13.82	16.72	14.35	---	---	10.78	7.30	7.15	9.61	---
	^{o}C	7/12/2006	---	---	0.01	23.85	24.21	20.80	21.80	20.59	20.91	---	---	19.96	22.51	22.28	23.03	---
	^{o}C	1/16/2007	---	---	0.01	15.80	12.10	13.80	188.0	12.50	12.00	12.20	12.50	10.70	11.60	11.80	11.50	---
Turbidity (Field)	NTU	7/6/2005	---	---	0.1	92.1	126	241	65.2	71.4	71.4	---	---	---	---	15.5	17.2	---
	NTU	1/9/2006	---	---	0.1	165	293	48.5	55.2	28.4	130	---	---	36.4	52.1	61.3	68.4	---
	NTU	7/12/2006	---	---	0.1	130	89.2	49.2	28.0	64.0	387	---	---	134	17.5	9.2	5.1	---
	NTU	1/16/2007	---	---	0.1	372	62.5	73.3	188	497	294	>1000	130	5.8	39.5	37.7	32.3	---

Notes:
1. MW = groundwater monitoring well
2. SW = surface water monitoring point
3. ug/L = micrograms per liter
4. mg/L = milligrams per liter
5. J = Estimated Value
6. B = Blank-qualified data
7. S.U. = Standard Units
8. NTU = Nephelometric Turbidity Units
9. uS = microsiemens
10. ND = Not detected at or above the stated reporting limit
11. NC 2L = North Carolina groundwater quality standard established under 15A NCAC 2L, .0202
12. --- = no data available
13. Shaded values are above their respective NC 2L Standard.
14. Blanks = Field, trip and laboratory blanks.
15. SW-1 and SW-2 were dry during the July 2005 event.
16. Sulfate samples for MW-1, MW-2, MW-5, and MW-6 were diluted during the January 2007 monitoring event.

DRAWING

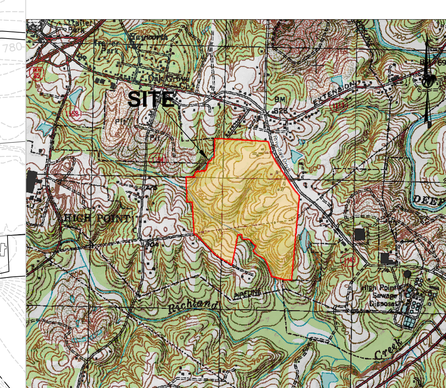


LEGEND

- 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-3 739.11
- 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 16, 2007.
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.



Golder Associates
GREENSBORO, NORTH CAROLINA

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW

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

TITLE
JANUARY 16, 2007 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

DATE: 01/16/07

Golder Associates

GROUNDWATER SAMPLING LOG

Project Name: WCA of High Point
Project No./Phase No.: 053-6692007.100
Well ID: MW-1
Sampler(s): D. Reedy/W. Jappe
Well Diameter: 2 inches
Initial Depth to Water: 19.26 feet
Depth to Bottom: 33.85 feet
Water Column Thickness: 14.59 feet
Well Location:
Equipment: Horiba water quality meter, disposable bailer

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	Vol. (gallons)
9:45	4.92	0.356	6.7	8.70	17.70	161	0.0
9:50	5.30	0.273	>1000	9.20	17.20	209	2.4
9:55	5.53	0.239	>1000	9.80	16.90	233	4.8
10:05	5.42	0.233	>1000	9.70	16.70	256	7.1
Sampled @ 14:30							
14:30	7.35	0.224	372	9.10	15.80	106	--

Comments (weather conditions, color, type of sample, purge-water management, etc.):
Temperature 55° Cloudy

Signature: [signature] **Date:** 1-16-07
QA/QC Sign Off: [signature] **Date:** 2-27-2007

DATE: 01/16/07

Golder Associates

GROUNDWATER SAMPLING LOG

Project Name: WCA of High Point
Project No./Phase No.: 053-6692007.100
Well ID: MW-2
Sampler(s): D. Reedy/W.Jappe
Well Diameter: 2 inches
Initial Depth to Water: 6.41 feet
Depth to Bottom: 19.21 feet
Water Column Thickness: 12.80 feet
Well Location:
Equipment: Horiba water quality meter, disposable bailer

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	Vol. (gallons)
10:17	5.16	0.276	464	11.00	13.70	214	0.0
10:21	5.06	0.279	131	5.00	13.40	136	2.1
10:24	5.19	0.272	93.7	8.70	13.10	130	4.2
10:27	5.19	0.267	69.3	4.10	13.20	131	6.3
Sampled @ 14:45							
14:45	6.82	0.279	62.5	4.90	12.10	95	--

Comments (weather conditions, color, type of sample, purge-water management, etc.):
Temperature 55° Cloudy

Signature: Dan M. Reedy **Date:** 1-16-07
QA/QC Sign Off: [illegible] **Date:** 2-27-2007

DATE: 01/16/07

Golder Associates

GROUNDWATER SAMPLING LOG

Project Name: WCA of High Point
Project No./Phase No.: 053-6692007.100
Well ID: MW-3
Sampler(s): D. Reedy/W.Jappe
Well Diameter: 2 inches
Initial Depth to Water: 16.37 feet
Depth to Bottom: 30.05 feet
Water Column Thickness: 13.68 feet
Well Location:
Equipment: Horiba water quality meter, disposable bailer

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	Vol. (gallons)
10:42	5.80	0.192	50.6	9.90	14.80	140	0.0
10:45	6.16	0.92	341	9.80	14.90	163	2.2
10:50	5.17	0.122	214	10.50	15.30	184	4.4
10:55	6.23	0.19	541	10.40	15.10	185	6.0
Sampled @ 15:05							
15:05	6.88	0.85	73.3	11.20	13.80	65	--

Comments (weather conditions, color, type of sample, purge-water management, etc.):
Temperature 55° Cloudy

Signature: Randy Reedy **Date:** 1-16-07
QA/QC Sign Off: [illegible] **Date:** 2-27-2007

DATE: 01/16/07

Golder Associates

GROUNDWATER SAMPLING LOG

Project Name: WCA of High Point
Project No./Phase No.: 053-6692007.100
Well ID: MW-4S
Sampler(s): D. Reedy/W. Jappe
Well Diameter: 2 inches
Initial Depth to Water: 5.35 feet
Depth to Bottom: 22.15 feet
Water Column Thickness: 16.80 feet
Well Location:
Equipment: Horiba water quality meter, disposable bailer

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	Vol. (gallons)
11:04	5.75	0.109	58.4	4.70	13.60	205	0.0
11:07	5.41	0.111	>1000	6.20	12.50	223	2.7
11:12	5.25	0.110	>1000	4.80	12.20	248	5.4
11:16	5.24	0.110	835.0	6.30	12.20	254	8.2
Sampled @ 15:20							
15:20	6.61	0.110	188.0	8.60	11.60	130	--

Comments (weather conditions, color, type of sample, purge-water management, etc.):
Temperature 55° Cloudy

Signature: Dwight Reedy **Date:** 1-16-07
QA/QC Sign Off: [illegible] **Date:** 2-27-2007

DATE: 01/16/07

Golder Associates

GROUNDWATER SAMPLING LOG

Project Name: WCA of High Point
Project No./Phase No.: 053-6692007.100
Well ID: MW-5
Sampler(s): D. Reedy/W.Jappe
Well Diameter: 2 inches
Initial Depth to Water: 11.55 feet
Depth to Bottom: 26.85 feet
Water Column Thickness: 14.50 feet
Well Location:
Equipment: Horiba water quality meter, disposable bailer

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	Vol. (gallons)
11:43	6.06	0.800	72.0	4.80	14.90	-35	0.0
11:46	6.08	0.672	461.0	5.70	14.90	-15	2.4
11:51	6.10	0.842	692.0	9.20	15.20	-25	4.8
11:57	6.10	0.777	346.0	8.00	15.80	-46	7.2
Sampled @ 16:30							
16:30	6.22	0.497	497.0	10.50	12.50	64	--

Comments (weather conditions, color, type of sample, purge-water management, etc.):
Temperature 55° Cloudy

Signature: [signature] **Date:** 1-16-07
QA/QC Sign Off: [signature] **Date:** 2-27-2007

DATE: 01/16/07

Golder Associates

GROUNDWATER SAMPLING LOG

Project Name: WCA of High Point
Project No./Phase No.: 053-6692007.100
Well ID: MW-6
Sampler(s): D. Reedy/W. Jappe
Well Diameter: 2 inches
Initial Depth to Water: 9.01 feet
Depth to Bottom: 17.85 feet
Water Column Thickness: 8.84 feet
Well Location:
Equipment: Horiba water quality meter, disposable bailer

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	Vol. (gallons)
11:30	5.61	0.337	935.0	10.7	14.10	249	0.0
11:32	6.10	0.356	396.0	10.60	13.90	236	1.4
11:36	6.36	0.425	>1000	10.90	14.20	221	2.5
DRY @ 2.5 gallons							
Sampled @ 15:50							
15:50	6.59	0.226	294.0	10.90	12.00	187	--

Comments (weather conditions, color, type of sample, purge-water management, etc.):
Temperature 55° Cloudy

Signature: Paul Reedy **Date:** 1-16-07
QA/QC Sign Off: [illegible] **Date:** 2-27-2007

DATE: 01/16/07

Golder Associates

GROUNDWATER SAMPLING LOG

Project Name: WCA of High Point
Project No./Phase No.: 053-6692007.100
Well ID: MW-7S
Sampler(s): D. Reedy/W.Jappe
Well Diameter: 2 inches
Initial Depth to Water: 30.85 feet
Depth to Bottom: 47.58 feet
Water Column Thickness: 16.73 feet
Well Location:
Equipment: Horiba water quality meter, disposable bailer

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	Vol. (gallons)
12:14	6.61	0.281	81.9	6.20	14.70	20	0.0
12:21	6.49	0.296	>1000	6.70	14.50	61	2.7
12:30	6.68	0.264	>1000	8.30	14.20	102	5.4
12:44	6.45	0.262	>1000	7.00	14.10	123	8.2
Sampled @ 16:50							
16:50	6.74	0.268	>1000	9.70	12.20	63	--

Comments (weather conditions, color, type of sample, purge-water management, etc.):
Temperature 55° Cloudy

Signature: [signature] **Date:** 1-16-07
QA/QC Sign Off: [signature] **Date:** 2-27-2007

DATE: 01/16/07

Golder Associates

GROUNDWATER SAMPLING LOG

Project Name: WCA of High Point
Project No./Phase No.: 053-6692007.100
Well ID: MW-8
Sampler(s): D. Reedy/W.Jappe
Well Diameter: 2 inches
Initial Depth to Water: 2.40 feet
Depth to Bottom: 28.52 feet
Water Column Thickness: 26.12 feet
Well Location:
Equipment: Horiba water quality meter, disposable bailer

Time	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	Dis O2 (mg/L)	Temp. (oC)	ORP (millivolts)	Vol. (gallons)
13:03	6.75	0.397	213.0	10.6	12.00	156	0.0
13:15	7.26	0.404	>1000	10.00	13.80	141	4.25
13:25	6.94	0.500	>1000	10.60	13.60	11	8.50
DRY @ 8.5 gallons							
Sampled @ 17:05							
17:05	7.20	0.374	130	9.80	12.50	105	--

Comments (weather conditions, color, type of sample, purge-water management, etc.):
Temperature 55° Cloudy

Signature: Randy Reedy **Date:** 1-16-07
QA/QC Sign Off: [illegible] **Date:** 2-27-2007

DATE: 01/16/07

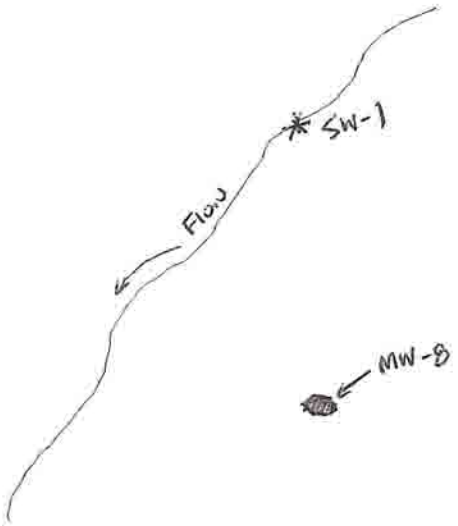
Golder Associates

SURFACE WATER SAMPLING LOG

Project Name: WCA of High Point **Project No./Phase No.:** 053-6692007.100
Sample ID: SW-1 **Sampler(s):** D. Reedy/W. Jappe
Sampling Location:
Equipment: Horiba water quality meter

Time	17:15
pH s.u.	7.44
Cond. mS/cm	0.124
Turb. ntu	5.8
Dis. O2 mg/L	11.1
Temp. oC	10.7
TDS Sal	---
ORP mv	6

Surface Water Location Sketch



Comments (sample methodology, weather conditions, color, silt, etc.):
Temperature 55° Cloudy

Signature: Date: 1-16-07
QA/QC Sign Off: Date: 2-27-2007

DATE: 01/16/07

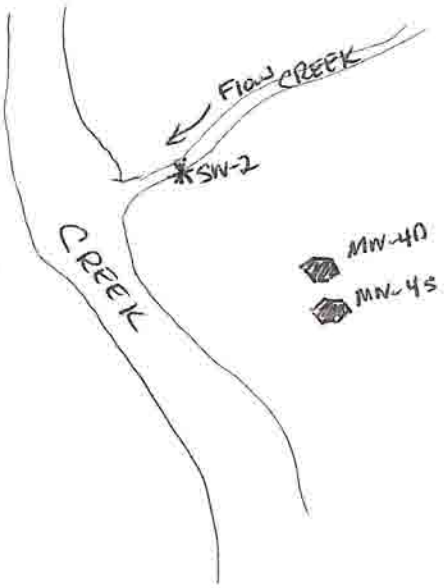
Golder Associates

SURFACE WATER SAMPLING LOG

Project Name: WCA of High Point **Project No./Phase No.:** 053-6692007.100
Sample ID: SW-2 **Sampler(s):** D. Reedy/W. Jappe
Sampling Location:
Equipment: Horiba water quality meter

Time	15:30
pH s.u.	6.02
Cond. mS/cm	0.120
Turb. ntu	39.5
Dis. O2 mg/L	11.1
Temp. oC	11.6
TDS Sal	—
ORP mv	168

Surface Water Location Sketch



Comments (sample methodology, weather conditions, color, silt, etc.):
Temperature 55° Cloudy

Signature: Paul G Reedy Date: 1-16-07
QA/QC Sign Off: Date: 2-27-2007

DATE: 01/16/07

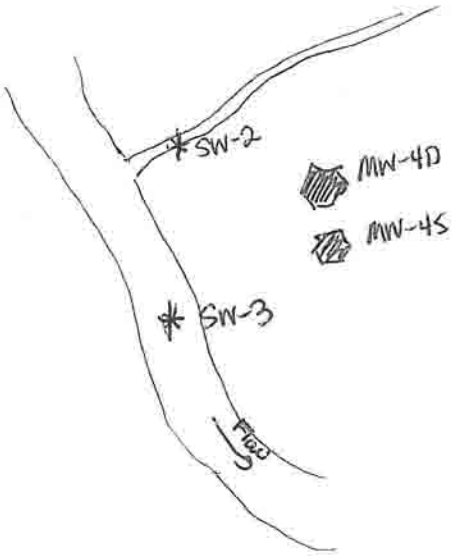
Golder Associates

SURFACE WATER SAMPLING LOG

Project Name: WCA of High Point **Project No./Phase No.:** 053-6692007.100
Sample ID: SW-3 **Sampler(s):** D. Reedy/W. Jappe
Sampling Location:
Equipment: Horiba water quality meter

Time	15:40
pH s.u.	6.1
Cond. mS/cm	0.184
Turb. ntu	37.7
Dis. O2 mg/L	11.4
Temp. oC	11.8
TDS Sal	---
ORP mv	158

Surface Water Location Sketch



Comments (sample methodology, weather conditions, color, silt, etc.):
Temperature 55° Cloudy

Signature: Date: 1-16-07
QA/QC Sign Off: Date: 2-27-2007

DATE: 01/16/07

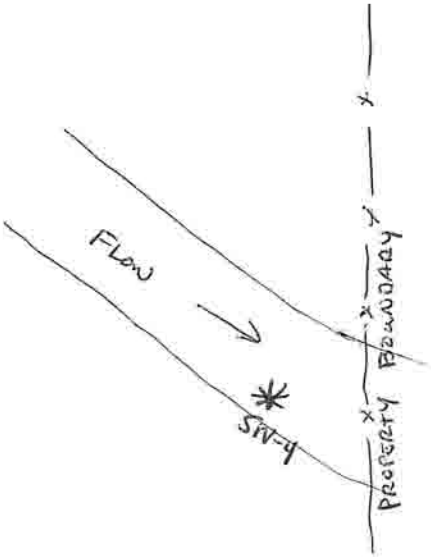
Golder Associates

SURFACE WATER SAMPLING LOG

Project Name: WCA of High Point **Project No./Phase No.:** 053-6692007.100
Sample ID: SW-4 **Sampler(s):** D. Reedy/W. Jappe
Sampling Location:
Equipment: Horiba water quality meter

Time	16:15
pH s.u.	6.35
Cond. mS/cm	0.162
Turb. ntu	32.3
Dis. O2 mg/L	10.9
Temp. oC	11.5
TDS Sal	---
ORP mv	172

Surface Water Location Sketch



Comments (sample methodology, weather conditions, color, silt, etc.):
Temperature 55° Cloudy

Signature: Paul G Reedy Date: 1-16-07
QA/QC Sign Off: [illegible] Date: 2-27-2007

APPENDIX II

JANUARY 2007 CERTIFICATES-OF-ANALYSIS, CHAIN-OF-CUSTODY FORMS AND LABORATORY DATA REVIEWS

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

RECEIVED APR - 6 2007

www.encolabs.com

Friday, March 30, 2007

Golder Associates, Inc. (GO007)

Attn: Rachel Kirkman

The Wingate Building 4900 Koger Blvd., Suite 140

Greensboro, NC 27407

RE: Project Number: 536692.300, Project Name/Desc: WCA of High Point, LLC - Ind. Parameters
ENCO Workorder: C605135

Dear Rachel Kirkman,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, January 17, 2007.

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.

This data has been produced in accordance with NELAC standards (June, 2003). 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. 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,

Bob George For Chuck Smith
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 55.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: 4116-MW1 **Lab ID:** C605135-01

Sampled: 01/16/07 14:30 **Received:** 01/17/07 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	01/23/07	01/22/07 07:11	1/23/2007 10:15
EPA 325.3	02/13/07	01/27/07 08:27	1/27/2007 10:23
EPA 375.4	02/13/07	02/05/07 23:47	2/6/2007 06:08
EPA 6010B	07/15/07	01/18/07 09:21	1/19/2007 10:31
EPA 6020	07/15/07	01/26/07 15:26	2/1/2007 12:03
EPA 7470A	02/13/07	01/29/07 16:30	1/30/2007 13:46
EPA 8260B	01/30/07	01/18/07 07:21	1/18/2007 22:30
SM 2320B	01/30/07	01/30/07 07:07	1/30/2007 10:00

Client ID: 4116-MW2 MS/MSD **Lab ID:** C605135-02

Sampled: 01/16/07 14:45 **Received:** 01/17/07 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	01/23/07	01/22/07 07:11	1/23/2007 10:15
EPA 325.3	02/13/07	01/27/07 08:27	1/27/2007 10:23
EPA 375.4	02/13/07	02/05/07 23:47	2/6/2007 06:22
EPA 6010B	07/15/07	01/18/07 09:21	1/19/2007 10:06
EPA 6020	07/15/07	01/26/07 15:26	2/1/2007 11:46
EPA 7470A	02/13/07	01/29/07 16:30	1/30/2007 12:53
EPA 8260B	01/30/07	01/18/07 07:21	1/18/2007 22:55
SM 2320B	01/30/07	01/30/07 07:07	1/30/2007 10:00

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Client ID: 4116-MW3 **Lab ID:** C605135-03

Sampled: 01/16/07 15:03 **Received:** 01/17/07 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	01/23/07	01/22/07 07:11	1/23/2007 10:15
EPA 325.3	02/13/07	01/27/07 08:27	1/27/2007 10:23
EPA 375.4	02/13/07	02/05/07 23:47	2/6/2007 02:55
EPA 6010B	07/15/07	01/18/07 09:21	1/19/2007 10:38
EPA 6020	07/15/07	01/26/07 15:26	2/1/2007 12:05
EPA 7470A	02/13/07	01/29/07 16:30	1/30/2007 13:49
EPA 8260B	01/30/07	01/18/07 07:21	1/18/2007 23:21
SM 2320B	01/30/07	01/30/07 07:07	1/30/2007 10:00

Client ID: 4116-MW4S **Lab ID:** C605135-04

Sampled: 01/16/07 15:20 **Received:** 01/17/07 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	01/23/07	01/22/07 07:11	1/23/2007 10:15
EPA 325.3	02/13/07	01/27/07 08:27	1/27/2007 10:23
EPA 375.4	02/13/07	02/05/07 23:47	2/6/2007 03:00
EPA 6010B	07/15/07	01/18/07 09:21	1/19/2007 10:45
EPA 6020	07/15/07	01/26/07 15:26	2/1/2007 12:13
EPA 7470A	02/13/07	01/29/07 16:30	1/30/2007 13:51
EPA 8260B	01/30/07	01/18/07 07:21	1/18/2007 23:47
SM 2320B	01/30/07	01/30/07 07:07	1/30/2007 10:00

Client ID: 4116-MW5 **Lab ID:** C605135-05

Sampled: 01/16/07 16:30 **Received:** 01/17/07 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	01/23/07	01/22/07 07:11	1/23/2007 10:15
EPA 325.3	02/13/07	01/27/07 08:27	1/27/2007 10:23
EPA 375.4	02/13/07	02/05/07 23:47	2/6/2007 06:26
EPA 6010B	07/15/07	01/18/07 09:21	1/19/2007 10:52
EPA 6020	07/15/07	01/26/07 15:26	2/1/2007 12:15
EPA 7470A	02/13/07	01/29/07 16:30	1/30/2007 13:54
EPA 8260B	01/30/07	01/18/07 07:21	1/19/2007 00:12
SM 2320B	01/30/07	01/30/07 07:07	1/30/2007 10:00

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Client ID: 4116-MW6 **Lab ID:** C605135-06

Sampled: 01/16/07 15:50 **Received:** 01/17/07 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	01/23/07	01/22/07 07:11	1/23/2007 10:15
EPA 325.3	02/13/07	01/27/07 08:27	1/27/2007 10:23
EPA 375.4	02/13/07	02/05/07 23:47	2/6/2007 06:31
EPA 6010B	07/15/07	01/18/07 09:21	1/19/2007 10:59
EPA 6020	07/15/07	01/26/07 15:26	2/1/2007 12:18
EPA 7470A	02/13/07	01/29/07 16:30	1/30/2007 13:56
EPA 8260B	01/30/07	01/18/07 07:21	1/19/2007 00:38
SM 2320B	01/30/07	01/30/07 07:07	1/30/2007 10:00

Client ID: 4116-SW1 **Lab ID:** C605135-07

Sampled: 01/16/07 17:15 **Received:** 01/17/07 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	07/15/07	01/18/07 09:21	1/19/2007 11:23
EPA 6020	07/15/07	01/26/07 15:26	2/1/2007 12:20
EPA 8260B	01/30/07	01/18/07 07:21	1/19/2007 01:04

Client ID: 4116-SW2 **Lab ID:** C605135-08

Sampled: 01/16/07 15:30 **Received:** 01/17/07 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	07/15/07	01/18/07 09:21	1/19/2007 11:30
EPA 6020	07/15/07	01/26/07 15:26	2/1/2007 12:23
EPA 8260B	01/30/07	01/18/07 07:21	1/19/2007 01:29

Client ID: 4116-SW3 **Lab ID:** C605135-09

Sampled: 01/16/07 15:40 **Received:** 01/17/07 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	07/15/07	01/18/07 09:21	1/19/2007 11:37
EPA 6020	07/15/07	01/26/07 15:26	2/1/2007 12:25
EPA 8260B	01/30/07	01/18/07 07:21	1/19/2007 01:55

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Client ID: 4116-SW4 **Lab ID:** C605135-10

Sampled: 01/16/07 16:15 **Received:** 01/17/07 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	07/15/07	01/18/07 09:21	1/19/2007 11:44
EPA 6020	07/15/07	01/26/07 15:26	2/1/2007 12:28
EPA 8260B	01/30/07	01/18/07 07:21	1/19/2007 02:21

Client ID: 4116-Field Blank **Lab ID:** C605135-11

Sampled: 01/16/07 17:25 **Received:** 01/17/07 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	07/15/07	01/18/07 09:21	1/19/2007 11:51
EPA 6020	07/15/07	01/26/07 15:26	2/1/2007 12:31
EPA 8260B	01/30/07	01/18/07 07:21	1/19/2007 02:46

Client ID: 4116-Trip Blank **Lab ID:** C605135-12

Sampled: 01/16/07 00:00 **Received:** 01/17/07 10:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	01/30/07	01/18/07 07:21	1/18/2007 21:36

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NORTH CAROLINA SWS SAMPLE DETECTION SUMMARY

Client ID: 4116-MW1		Lab ID:	C605135-01		NC		
Analyte	Results/Qual	DF	MDL	MRL	SWSL	Units	Method
Barium	141	1	0.20	10.0	100	ug/L	EPA 6010B
Chloride	11	1	1.0	1.0	NE	mg/L	EPA 325.3
Chromium	2.2 J	1	2.0	10.0	10	ug/L	EPA 6010B
Copper	14.5	1	0.60	10.0	10	ug/L	EPA 6010B
Iron	2530	1	20	50	300	ug/L	EPA 6010B
Manganese	50.6	1	1.4	10.0	50	ug/L	EPA 6010B
Nickel	3.8 J	1	2.0	10.0	50	ug/L	EPA 6010B
Sulfate as SO4	48 D	2	1.2	10	NE	mg/L	EPA 375.4
Total Alkalinity	39	1	2.0	2.0	NE	mg/L	SM 2320B
Total Dissolved Solids	210	1	10	10	NE	mg/L	EPA 160.1
Vanadium	7.5 J	1	1.0	10.0	25	ug/L	EPA 6010B
Zinc	25.7	1	1.0	10.0	10	ug/L	EPA 6010B

Client ID: 4116-MW2 MS/MSD		Lab ID:	C605135-02		NC		
Analyte	Results/Qual	DF	MDL	MRL	SWSL	Units	Method
Arsenic	2.5 J	1	2.0	10.0	10	ug/L	EPA 6010B
Barium	187	1	0.20	10.0	100	ug/L	EPA 6010B
Chloride	13	1	1.0	1.0	NE	mg/L	EPA 325.3
Cobalt	14.6	1	2.0	10.0	10	ug/L	EPA 6010B
Iron	3410	1	20	50	300	ug/L	EPA 6010B
Manganese	6160	1	1.4	10.0	50	ug/L	EPA 6010B
Sulfate as SO4	44 D	2	1.2	10	NE	mg/L	EPA 375.4
Thallium	0.048 J	1	0.044	0.050	5.5	ug/L	EPA 6020
Total Alkalinity	53	1	2.0	2.0	NE	mg/L	SM 2320B
Total Dissolved Solids	180	1	10	10	NE	mg/L	EPA 160.1
Zinc	4.0 J	1	1.0	10.0	10	ug/L	EPA 6010B

Client ID: 4116-MW3		Lab ID:	C605135-03		NC		
Analyte	Results/Qual	DF	MDL	MRL	SWSL	Units	Method
Arsenic	2.8 J	1	2.0	10.0	10	ug/L	EPA 6010B
Barium	25.5 J	1	0.20	10.0	100	ug/L	EPA 6010B
Chloride	4.0	1	1.0	1.0	NE	mg/L	EPA 325.3
Iron	77 J	1	20	50	300	ug/L	EPA 6010B
Manganese	4.7 J	1	1.4	10.0	50	ug/L	EPA 6010B
Sulfate as SO4	7.0	1	0.60	5.0	NE	mg/L	EPA 375.4
Total Alkalinity	5.0	1	2.0	2.0	NE	mg/L	SM 2320B
Total Dissolved Solids	68	1	10	10	NE	mg/L	EPA 160.1
Zinc	6.5 J	1	1.0	10.0	10	ug/L	EPA 6010B

Client ID: 4116-MW4S		Lab ID:	C605135-04		NC		
Analyte	Results/Qual	DF	MDL	MRL	SWSL	Units	Method
Arsenic	2.4 J	1	2.0	10.0	10	ug/L	EPA 6010B

Barium	73.9 J	1	0.20	10.0	100	ug/L	EPA 6010B
Chloride	7.0	1	1.0	1.0	NE	mg/L	EPA 325.3
Copper	4.60 J	1	0.60	10.0	10	ug/L	EPA 6010B
Iron	1020	1	20	50	300	ug/L	EPA 6010B
Manganese	39.1 J	1	1.4	10.0	50	ug/L	EPA 6010B
Sulfate as SO4	33	1	0.60	5.0	NE	mg/L	EPA 375.4
Total Alkalinity	25	1	2.0	2.0	NE	mg/L	SM 2320B
Total Dissolved Solids	82	1	10	10	NE	mg/L	EPA 160.1
Vanadium	4.4 J	1	1.0	10.0	25	ug/L	EPA 6010B
Zinc	23.4	1	1.0	10.0	10	ug/L	EPA 6010B

Client ID: 4116-MW5 **Lab ID: C605135-05**

Analyte	Results/Qual	DF	MDL	MRL	NC SWSL	Units	Method
Barium	86.7 J	1	0.20	10.0	100	ug/L	EPA 6010B
Chloride	19	1	1.0	1.0	NE	mg/L	EPA 325.3
Cobalt	3.0 J	1	2.0	10.0	10	ug/L	EPA 6010B
Iron	9860	1	20	50	300	ug/L	EPA 6010B
Manganese	2620	1	1.4	10.0	50	ug/L	EPA 6010B
Sulfate as SO4	42 D	2	1.2	10	NE	mg/L	EPA 375.4
Total Alkalinity	17	1	2.0	2.0	NE	mg/L	SM 2320B
Total Dissolved Solids	280	1	10	10	NE	mg/L	EPA 160.1
Zinc	9.1 J	1	1.0	10.0	10	ug/L	EPA 6010B

Client ID: 4116-MW6 **Lab ID: C605135-06**

Analyte	Results/Qual	DF	MDL	MRL	NC SWSL	Units	Method
Barium	53.5 J	1	0.20	10.0	100	ug/L	EPA 6010B
Chloride	16	1	1.0	1.0	NE	mg/L	EPA 325.3
Cobalt	5.9 J	1	2.0	10.0	10	ug/L	EPA 6010B
Iron	704	1	20	50	300	ug/L	EPA 6010B
Lead	3.1 J	1	2.0	10.0	10	ug/L	EPA 6010B
Manganese	361	1	1.4	10.0	50	ug/L	EPA 6010B
Sulfate as SO4	51 D	2	1.2	10	NE	mg/L	EPA 375.4
Total Alkalinity	160	1	2.0	2.0	NE	mg/L	SM 2320B
Total Dissolved Solids	210	1	10	10	NE	mg/L	EPA 160.1
Zinc	11.0	1	1.0	10.0	10	ug/L	EPA 6010B

Client ID: 4116-SW1 **Lab ID: C605135-07**

Analyte	Results/Qual	DF	MDL	MRL	NC SWSL	Units	Method
Barium	38.7 J	1	0.20	10.0	100	ug/L	EPA 6010B
Lead	4.6 J	1	2.0	10.0	10	ug/L	EPA 6010B
Nickel	2.9 J	1	2.0	10.0	50	ug/L	EPA 6010B
Zinc	27.0	1	1.0	10.0	10	ug/L	EPA 6010B

Client ID: 4116-SW2 **Lab ID: C605135-08**

Analyte	Results/Qual	DF	MDL	MRL	NC SWSL	Units	Method
Arsenic	3.8 J	1	2.0	10.0	10	ug/L	EPA 6010B
Barium	39.5 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
Lead	2.6 J	1	2.0	10.0	10	ug/L	EPA 6010B
Zinc	27.1	1	1.0	10.0	10	ug/L	EPA 6010B

Client ID:	**4116-SW3**	**Lab ID:**	**C605135-09**				
Analyte	**Results/Qual**	**DF**	**MDL**	**MRL**	**NC SWSL**	**Units**	**Method**
Arsenic	3.1 J	1	2.0	10.0	10	ug/L	EPA 6010B
Barium	47.6 J	1	0.20	10.0	100	ug/L	EPA 6010B
Copper	1.50 J	1	0.60	10.0	10	ug/L	EPA 6010B
Zinc	9.5 J	1	1.0	10.0	10	ug/L	EPA 6010B

Client ID:	**4116-SW4**	**Lab ID:**	**C605135-10**				
Analyte	**Results/Qual**	**DF**	**MDL**	**MRL**	**NC SWSL**	**Units**	**Method**
Barium	46.0 J	1	0.20	10.0	100	ug/L	EPA 6010B
Lead	3.6 J	1	2.0	10.0	10	ug/L	EPA 6010B
Zinc	4.2 J	1	1.0	10.0	10	ug/L	EPA 6010B

Client ID:	**4116-Field Blank**	**Lab ID:**	**C605135-11**				
Analyte	**Results/Qual**	**DF**	**MDL**	**MRL**	**NC SWSL**	**Units**	**Method**
Barium	0.90 J	1	0.20	10.0	100	ug/L	EPA 6010B
Zinc	10.0	1	1.0	10.0	10	ug/L	EPA 6010B

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ANALYTICAL REPORT

Sample ID:	4116-MW1	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-01	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/18/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20 U	0.20	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.20 U	0.20	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.30 U	0.30	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.40 U	0.40	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.50 U	0.50	1.0	8	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.60 U	0.60	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.40 U	0.40	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.30 U	0.30	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.40 U	0.40	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.20 U	0.20	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.30 U	0.30	1.0	1	ug/L
2-Butanone	78-93-3	0.80 U	0.80	5.0	100	ug/L
2-Hexanone	591-78-6	0.50 U	0.50	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.80 U	0.80	5.0	100	ug/L
Acetone	67-64-1	1.2 U	1.2	5.0	100	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	5.0	200	ug/L
Benzene	71-43-2	0.20 U	0.20	1.0	1	ug/L
Bromochloromethane	74-97-5	0.50 U	0.50	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.20 U	0.20	0.40	1	ug/L
Bromoform	75-25-2	0.30 U	0.30	1.0	3	ug/L
Bromomethane	74-83-9	0.60 U	0.60	1.0	10	ug/L
Carbon disulfide	75-15-0	0.30 U	0.30	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.20 U	0.20	1.0	1	ug/L
Chlorobenzene	108-90-7	0.30 U	0.30	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.40 U	0.40	1.0	5	ug/L
Chloromethane	74-87-3	0.20 U	0.20	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.20 U	0.20	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.30 U	0.30	1.0	1	ug/L
Dibromomethane	74-95-3	0.30 U	0.30	1.0	10	ug/L
Ethylbenzene	100-41-4	0.10 U	0.10	1.0	1	ug/L
Iodomethane	74-88-4	0.80 U	0.80	2.0	10	ug/L
Methylene chloride	75-09-2	0.40 U	0.40	2.0	1	ug/L
Styrene	100-42-5	0.10 U	0.10	1.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	4116-MW1	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-01	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/18/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
Tetrachloroethene	127-18-4	0.90 U	0.90	1.0	1	ug/L
Toluene	108-88-3	0.20 U	0.20	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.40 U	0.40	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.50 U	0.50	1.0	100	ug/L
Trichloroethene	79-01-6	0.40 U	0.40	1.0	3	ug/L
Trichlorofluoromethane	75-69-4	0.20 U	0.20	1.0	5	ug/L
Vinyl acetate	108-05-4	1.0 U	1.0	2.0	50	ug/L
Vinyl chloride	75-01-4	0.30 U	0.30	1.0	1	ug/L
Xylenes (Total)	1330-20-7	0.30 U	0.30	1.0	4	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	55	50.0	110 %	70-130
Dibromofluoromethane	1868-53-7	40	50.0	79 %	73-138
Toluene-d8	2037-26-5	51	50.0	101 %	77-118

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ANALYTICAL REPORT

Sample ID:	4116-MW1	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-01	Work Order #:	C605135
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	0.58 U	1	0.58	2.00	6	ug/L	EPA 6020	EPA 200.8	7A26033
Arsenic	7440-38-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Barium	7440-39-3	**141**	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7A18010
Beryllium	7440-41-7	0.70 U	1	0.70	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Chromium	7440-47-3	**2.2** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Cobalt	7440-48-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Copper	7440-50-8	**14.5**	1	0.60	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Iron	7439-89-6	**2530**	1	20	50	300	ug/L	EPA 6010B	EPA 3005A	7A18010
Lead	7439-92-1	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Manganese	7439-96-5	**50.6**	1	1.4	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Mercury	7439-97-6	0.11 U	1	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7A29033
Nickel	7440-02-0	**3.8** J	1	2.0	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Thallium	7440-28-0	0.044 U	1	0.044	0.050	5.5	ug/L	EPA 6020	EPA 200.8	7A26033
Vanadium	7440-62-2	**7.5** J	1	1.0	10.0	25	ug/L	EPA 6010B	EPA 3005A	7A18010
Zinc	7440-66-6	**25.7**	1	1.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010

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ANALYTICAL REPORT

Sample ID: 4116-MW1
Lab #: C605135-01

Project: WCA of High Point, LLC - Ind. Parameters
Work Order #: C605135
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Chloride	16887-00-6	**11**	1	1.0	1.0	NE	mg/L	EPA 325.3	NO PREP	7A27002
Sulfate as SO4	14808-79-8	**48** D	2	1.2	10	NE	mg/L	EPA 375.4	NO PREP	7B05026
Total Alkalinity	NA	**39**	1	2.0	2.0	NE	mg/L	SM 2320B	NO PREP	7A30002
Total Dissolved Solids	NA	**210**	1	10	10	NE	mg/L	EPA 160.1	NO PREP	7A22004

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ANALYTICAL REPORT

Sample ID:	4116-MW2 MS/MSD	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-02	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/18/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20 U	0.20	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.20 U	0.20	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.30 U	0.30	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.40 U	0.40	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.50 U	0.50	1.0	8	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.60 U	0.60	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.40 U	0.40	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.30 U	0.30	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.40 U	0.40	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.20 U	0.20	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.30 U	0.30	1.0	1	ug/L
2-Butanone	78-93-3	0.80 U	0.80	5.0	100	ug/L
2-Hexanone	591-78-6	0.50 U	0.50	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.80 U	0.80	5.0	100	ug/L
Acetone	67-64-1	1.2 U	1.2	5.0	100	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	5.0	200	ug/L
Benzene	71-43-2	0.20 U	0.20	1.0	1	ug/L
Bromochloromethane	74-97-5	0.50 U	0.50	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.20 U	0.20	0.40	1	ug/L
Bromoform	75-25-2	0.30 U	0.30	1.0	3	ug/L
Bromomethane	74-83-9	0.60 U	0.60	1.0	10	ug/L
Carbon disulfide	75-15-0	0.30 U	0.30	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.20 U	0.20	1.0	1	ug/L
Chlorobenzene	108-90-7	0.30 U	0.30	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.40 U	0.40	1.0	5	ug/L
Chloromethane	74-87-3	0.20 U	0.20	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.20 U	0.20	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.30 U	0.30	1.0	1	ug/L
Dibromomethane	74-95-3	0.30 U	0.30	1.0	10	ug/L
Ethylbenzene	100-41-4	0.10 U	0.10	1.0	1	ug/L
Iodomethane	74-88-4	0.80 U	0.80	2.0	10	ug/L
Methylene chloride	75-09-2	0.40 U	0.40	2.0	1	ug/L
Styrene	100-42-5	0.10 U	0.10	1.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	4116-MW2 MS/MSD	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-02	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/18/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
Tetrachloroethene	127-18-4	0.90 U	0.90	1.0	1	ug/L
Toluene	108-88-3	0.20 U	0.20	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.40 U	0.40	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.50 U	0.50	1.0	100	ug/L
Trichloroethene	79-01-6	0.40 U	0.40	1.0	3	ug/L
Trichlorofluoromethane	75-69-4	0.20 U	0.20	1.0	5	ug/L
Vinyl acetate	108-05-4	1.0 U	1.0	2.0	50	ug/L
Vinyl chloride	75-01-4	0.30 U	0.30	1.0	1	ug/L
Xylenes (Total)	1330-20-7	0.30 U	0.30	1.0	4	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	53	50.0	105 %	70-130
Dibromofluoromethane	1868-53-7	42	50.0	84 %	73-138
Toluene-d8	2037-26-5	51	50.0	101 %	77-118

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ANALYTICAL REPORT

Sample ID: 4116-MW2 MS/MSD
Lab #: C605135-02

Project: WCA of High Point, LLC - Ind. Parameters
Work Order #: C605135
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	0.58 U	1	0.58	2.00	6	ug/L	EPA 6020	EPA 200.8	7A26033
Arsenic	7440-38-2	**2.5** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Barium	7440-39-3	**187**	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7A18010
Beryllium	7440-41-7	0.70 U	1	0.70	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Cobalt	7440-48-4	**14.6**	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Copper	7440-50-8	0.60 U	1	0.60	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Iron	7439-89-6	**3410**	1	20	50	300	ug/L	EPA 6010B	EPA 3005A	7A18010
Lead	7439-92-1	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Manganese	7439-96-5	**6160**	1	1.4	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Mercury	7439-97-6	0.11 U	1	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7A29033
Nickel	7440-02-0	2.0 U	1	2.0	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Thallium	7440-28-0	**0.048** J	1	0.044	0.050	5.5	ug/L	EPA 6020	EPA 200.8	7A26033
Vanadium	7440-62-2	1.0 U	1	1.0	10.0	25	ug/L	EPA 6010B	EPA 3005A	7A18010
Zinc	7440-66-6	**4.0** J	1	1.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010

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ANALYTICAL REPORT

Sample ID:	4116-MW2 MS/MSD	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-02	Work Order #:	C605135
		Matrix:	Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Chloride	16887-00-6	**13**	1	1.0	1.0	NE	mg/L	EPA 325.3	NO PREP	7A27002
Sulfate as SO4	14808-79-8	**44** D	2	1.2	10	NE	mg/L	EPA 375.4	NO PREP	7B05026
Total Alkalinity	NA	**53**	1	2.0	2.0	NE	mg/L	SM 2320B	NO PREP	7A30002
Total Dissolved Solids	NA	**180**	1	10	10	NE	mg/L	EPA 160.1	NO PREP	7A22004

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ANALYTICAL REPORT

Sample ID:	4116-MW3	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-03	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/18/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20 U	0.20	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.20 U	0.20	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.30 U	0.30	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.40 U	0.40	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.50 U	0.50	1.0	8	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.60 U	0.60	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.40 U	0.40	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.30 U	0.30	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.40 U	0.40	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.20 U	0.20	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.30 U	0.30	1.0	1	ug/L
2-Butanone	78-93-3	0.80 U	0.80	5.0	100	ug/L
2-Hexanone	591-78-6	0.50 U	0.50	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.80 U	0.80	5.0	100	ug/L
Acetone	67-64-1	1.2 U	1.2	5.0	100	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	5.0	200	ug/L
Benzene	71-43-2	0.20 U	0.20	1.0	1	ug/L
Bromochloromethane	74-97-5	0.50 U	0.50	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.20 U	0.20	0.40	1	ug/L
Bromoform	75-25-2	0.30 U	0.30	1.0	3	ug/L
Bromomethane	74-83-9	0.60 U	0.60	1.0	10	ug/L
Carbon disulfide	75-15-0	0.30 U	0.30	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.20 U	0.20	1.0	1	ug/L
Chlorobenzene	108-90-7	0.30 U	0.30	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.40 U	0.40	1.0	5	ug/L
Chloromethane	74-87-3	0.20 U	0.20	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.20 U	0.20	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.30 U	0.30	1.0	1	ug/L
Dibromomethane	74-95-3	0.30 U	0.30	1.0	10	ug/L
Ethylbenzene	100-41-4	0.10 U	0.10	1.0	1	ug/L
Iodomethane	74-88-4	0.80 U	0.80	2.0	10	ug/L
Methylene chloride	75-09-2	0.40 U	0.40	2.0	1	ug/L
Styrene	100-42-5	0.10 U	0.10	1.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	4116-MW3	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-03	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/18/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
Tetrachloroethene	127-18-4	0.90 U	0.90	1.0	1	ug/L
Toluene	108-88-3	0.20 U	0.20	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.40 U	0.40	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.50 U	0.50	1.0	100	ug/L
Trichloroethene	79-01-6	0.40 U	0.40	1.0	3	ug/L
Trichlorofluoromethane	75-69-4	0.20 U	0.20	1.0	5	ug/L
Vinyl acetate	108-05-4	1.0 U	1.0	2.0	50	ug/L
Vinyl chloride	75-01-4	0.30 U	0.30	1.0	1	ug/L
Xylenes (Total)	1330-20-7	0.30 U	0.30	1.0	4	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	53	50.0	107 %	70-130
Dibromofluoromethane	1868-53-7	40	50.0	79 %	73-138
Toluene-d8	2037-26-5	48	50.0	95 %	77-118

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ANALYTICAL REPORT

Sample ID: 4116-MW3
Lab #: C605135-03

Project: WCA of High Point, LLC - Ind. Parameters
Work Order #: C605135
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	0.58 U	1	0.58	2.00	6	ug/L	EPA 6020	EPA 200.8	7A26033
Arsenic	7440-38-2	**2.8** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Barium	7440-39-3	**25.5** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7A18010
Beryllium	7440-41-7	0.70 U	1	0.70	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Cobalt	7440-48-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Copper	7440-50-8	0.60 U	1	0.60	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Iron	7439-89-6	77 J	1	20	50	300	ug/L	EPA 6010B	EPA 3005A	7A18010
Lead	7439-92-1	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Manganese	7439-96-5	**4.7** J	1	1.4	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Mercury	7439-97-6	0.11 U	1	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7A29033
Nickel	7440-02-0	2.0 U	1	2.0	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Thallium	7440-28-0	0.044 U	1	0.044	0.050	5.5	ug/L	EPA 6020	EPA 200.8	7A26033
Vanadium	7440-62-2	1.0 U	1	1.0	10.0	25	ug/L	EPA 6010B	EPA 3005A	7A18010
Zinc	7440-66-6	**6.5** J	1	1.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010

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ANALYTICAL REPORT

Sample ID:	4116-MW3	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-03	Work Order #:	C605135
		Matrix:	Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Chloride	16887-00-6	**4.0**	1	1.0	1.0	NE	mg/L	EPA 325.3	NO PREP	7A27002
Sulfate as SO4	14808-79-8	**7.0**	1	0.60	5.0	NE	mg/L	EPA 375.4	NO PREP	7B05026
Total Alkalinity	NA	**5.0**	1	2.0	2.0	NE	mg/L	SM 2320B	NO PREP	7A30002
Total Dissolved Solids	NA	**68**	1	10	10	NE	mg/L	EPA 160.1	NO PREP	7A22004

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ANALYTICAL REPORT

Sample ID:	4116-MW4S	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-04	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/18/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20 U	0.20	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.20 U	0.20	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.30 U	0.30	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.40 U	0.40	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.50 U	0.50	1.0	8	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.60 U	0.60	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.40 U	0.40	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.30 U	0.30	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.40 U	0.40	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.20 U	0.20	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.30 U	0.30	1.0	1	ug/L
2-Butanone	78-93-3	0.80 U	0.80	5.0	100	ug/L
2-Hexanone	591-78-6	0.50 U	0.50	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.80 U	0.80	5.0	100	ug/L
Acetone	67-64-1	1.2 U	1.2	5.0	100	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	5.0	200	ug/L
Benzene	71-43-2	0.20 U	0.20	1.0	1	ug/L
Bromochloromethane	74-97-5	0.50 U	0.50	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.20 U	0.20	0.40	1	ug/L
Bromoform	75-25-2	0.30 U	0.30	1.0	3	ug/L
Bromomethane	74-83-9	0.60 U	0.60	1.0	10	ug/L
Carbon disulfide	75-15-0	0.30 U	0.30	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.20 U	0.20	1.0	1	ug/L
Chlorobenzene	108-90-7	0.30 U	0.30	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.40 U	0.40	1.0	5	ug/L
Chloromethane	74-87-3	0.20 U	0.20	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.20 U	0.20	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.30 U	0.30	1.0	1	ug/L
Dibromomethane	74-95-3	0.30 U	0.30	1.0	10	ug/L
Ethylbenzene	100-41-4	0.10 U	0.10	1.0	1	ug/L
Iodomethane	74-88-4	0.80 U	0.80	2.0	10	ug/L
Methylene chloride	75-09-2	0.40 U	0.40	2.0	1	ug/L
Styrene	100-42-5	0.10 U	0.10	1.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	4116-MW4S	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-04	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/18/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
Tetrachloroethene	127-18-4	0.90 U	0.90	1.0	1	ug/L
Toluene	108-88-3	0.20 U	0.20	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.40 U	0.40	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.50 U	0.50	1.0	100	ug/L
Trichloroethene	79-01-6	0.40 U	0.40	1.0	3	ug/L
Trichlorofluoromethane	75-69-4	0.20 U	0.20	1.0	5	ug/L
Vinyl acetate	108-05-4	1.0 U	1.0	2.0	50	ug/L
Vinyl chloride	75-01-4	0.30 U	0.30	1.0	1	ug/L
Xylenes (Total)	1330-20-7	0.30 U	0.30	1.0	4	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	53	50.0	106 %	70-130
Dibromofluoromethane	1868-53-7	40	50.0	80 %	73-138
Toluene-d8	2037-26-5	49	50.0	98 %	77-118

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ANALYTICAL REPORT

Sample ID:	4116-MW4S	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-04	Work Order #:	C605135
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	0.58 U	1	0.58	2.00	6	ug/L	EPA 6020	EPA 200.8	7A26033
Arsenic	7440-38-2	**2.4** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Barium	7440-39-3	**73.9** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7A18010
Beryllium	7440-41-7	0.70 U	1	0.70	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Cobalt	7440-48-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Copper	7440-50-8	**4.60** J	1	0.60	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Iron	7439-89-6	**1020**	1	20	50	300	ug/L	EPA 6010B	EPA 3005A	7A18010
Lead	7439-92-1	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Manganese	7439-96-5	**39.1** J	1	1.4	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Mercury	7439-97-6	0.11 U	1	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7A29033
Nickel	7440-02-0	2.0 U	1	2.0	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Thallium	7440-28-0	0.044 U	1	0.044	0.050	5.5	ug/L	EPA 6020	EPA 200.8	7A26033
Vanadium	7440-62-2	**4.4** J	1	1.0	10.0	25	ug/L	EPA 6010B	EPA 3005A	7A18010
Zinc	7440-66-6	**23.4**	1	1.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010

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ANALYTICAL REPORT

Sample ID: 4116-MW4S
Lab #: C605135-04

Project: WCA of High Point, LLC - Ind. Parameters
Work Order #: C605135
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Chloride	16887-00-6	**7.0**	1	1.0	1.0	NE	mg/L	EPA 325.3	NO PREP	7A27002
Sulfate as SO4	14808-79-8	**33**	1	0.60	5.0	NE	mg/L	EPA 375.4	NO PREP	7B05026
Total Alkalinity	NA	**25**	1	2.0	2.0	NE	mg/L	SM 2320B	NO PREP	7A30002
Total Dissolved Solids	NA	**82**	1	10	10	NE	mg/L	EPA 160.1	NO PREP	7A22004

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ANALYTICAL REPORT

Sample ID:	4116-MW5	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-05	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20 U	0.20	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.20 U	0.20	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.30 U	0.30	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.40 U	0.40	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.50 U	0.50	1.0	8	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.60 U	0.60	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.40 U	0.40	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.30 U	0.30	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.40 U	0.40	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.20 U	0.20	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.30 U	0.30	1.0	1	ug/L
2-Butanone	78-93-3	0.80 U	0.80	5.0	100	ug/L
2-Hexanone	591-78-6	0.50 U	0.50	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.80 U	0.80	5.0	100	ug/L
Acetone	67-64-1	1.2 U	1.2	5.0	100	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	5.0	200	ug/L
Benzene	71-43-2	0.20 U	0.20	1.0	1	ug/L
Bromochloromethane	74-97-5	0.50 U	0.50	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.20 U	0.20	0.40	1	ug/L
Bromoform	75-25-2	0.30 U	0.30	1.0	3	ug/L
Bromomethane	74-83-9	0.60 U	0.60	1.0	10	ug/L
Carbon disulfide	75-15-0	0.30 U	0.30	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.20 U	0.20	1.0	1	ug/L
Chlorobenzene	108-90-7	0.30 U	0.30	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.40 U	0.40	1.0	5	ug/L
Chloromethane	74-87-3	0.20 U	0.20	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.20 U	0.20	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.30 U	0.30	1.0	1	ug/L
Dibromomethane	74-95-3	0.30 U	0.30	1.0	10	ug/L
Ethylbenzene	100-41-4	0.10 U	0.10	1.0	1	ug/L
Iodomethane	74-88-4	0.80 U	0.80	2.0	10	ug/L
Methylene chloride	75-09-2	0.40 U	0.40	2.0	1	ug/L
Styrene	100-42-5	0.10 U	0.10	1.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	4116-MW5	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-05	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
Tetrachloroethene	127-18-4	0.90 U	0.90	1.0	1	ug/L
Toluene	108-88-3	0.20 U	0.20	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.40 U	0.40	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.50 U	0.50	1.0	100	ug/L
Trichloroethene	79-01-6	0.40 U	0.40	1.0	3	ug/L
Trichlorofluoromethane	75-69-4	0.20 U	0.20	1.0	5	ug/L
Vinyl acetate	108-05-4	1.0 U	1.0	2.0	50	ug/L
Vinyl chloride	75-01-4	0.30 U	0.30	1.0	1	ug/L
Xylenes (Total)	1330-20-7	0.30 U	0.30	1.0	4	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	55	50.0	110 %	70-130
Dibromofluoromethane	1868-53-7	40	50.0	81 %	73-138
Toluene-d8	2037-26-5	48	50.0	97 %	77-118

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ANALYTICAL REPORT

Sample ID: 4116-MW5
Lab #: C605135-05

Project: WCA of High Point, LLC - Ind. Parameters
Work Order #: C605135
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	0.58 U	1	0.58	2.00	6	ug/L	EPA 6020	EPA 200.8	7A26033
Arsenic	7440-38-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Barium	7440-39-3	**86.7** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7A18010
Beryllium	7440-41-7	0.70 U	1	0.70	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Cobalt	7440-48-4	**3.0** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Copper	7440-50-8	0.60 U	1	0.60	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Iron	7439-89-6	**9860**	1	20	50	300	ug/L	EPA 6010B	EPA 3005A	7A18010
Lead	7439-92-1	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Manganese	7439-96-5	**2620**	1	1.4	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Mercury	7439-97-6	0.11 U	1	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7A29033
Nickel	7440-02-0	2.0 U	1	2.0	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Thallium	7440-28-0	0.044 U	1	0.044	0.050	5.5	ug/L	EPA 6020	EPA 200.8	7A26033
Vanadium	7440-62-2	1.0 U	1	1.0	10.0	25	ug/L	EPA 6010B	EPA 3005A	7A18010
Zinc	7440-66-6	**9.1** J	1	1.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010

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ANALYTICAL REPORT

Sample ID:	4116-MW5	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-05	Work Order #:	C605135
		Matrix:	Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Chloride	16887-00-6	**19**	1	1.0	1.0	NE	mg/L	EPA 325.3	NO PREP	7A27002
Sulfate as SO4	14808-79-8	**42** D	2	1.2	10	NE	mg/L	EPA 375.4	NO PREP	7B05026
Total Alkalinity	NA	**17**	1	2.0	2.0	NE	mg/L	SM 2320B	NO PREP	7A30002
Total Dissolved Solids	NA	**280**	1	10	10	NE	mg/L	EPA 160.1	NO PREP	7A22004

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ANALYTICAL REPORT

Sample ID:	4116-MW6	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-06	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20 U	0.20	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.20 U	0.20	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.30 U	0.30	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.40 U	0.40	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.50 U	0.50	1.0	8	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.60 U	0.60	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.40 U	0.40	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.30 U	0.30	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.40 U	0.40	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.20 U	0.20	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.30 U	0.30	1.0	1	ug/L
2-Butanone	78-93-3	0.80 U	0.80	5.0	100	ug/L
2-Hexanone	591-78-6	0.50 U	0.50	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.80 U	0.80	5.0	100	ug/L
Acetone	67-64-1	1.2 U	1.2	5.0	100	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	5.0	200	ug/L
Benzene	71-43-2	0.20 U	0.20	1.0	1	ug/L
Bromochloromethane	74-97-5	0.50 U	0.50	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.20 U	0.20	0.40	1	ug/L
Bromoform	75-25-2	0.30 U	0.30	1.0	3	ug/L
Bromomethane	74-83-9	0.60 U	0.60	1.0	10	ug/L
Carbon disulfide	75-15-0	0.30 U	0.30	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.20 U	0.20	1.0	1	ug/L
Chlorobenzene	108-90-7	0.30 U	0.30	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.40 U	0.40	1.0	5	ug/L
Chloromethane	74-87-3	0.20 U	0.20	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.20 U	0.20	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.30 U	0.30	1.0	1	ug/L
Dibromomethane	74-95-3	0.30 U	0.30	1.0	10	ug/L
Ethylbenzene	100-41-4	0.10 U	0.10	1.0	1	ug/L
Iodomethane	74-88-4	0.80 U	0.80	2.0	10	ug/L
Methylene chloride	75-09-2	0.40 U	0.40	2.0	1	ug/L
Styrene	100-42-5	0.10 U	0.10	1.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	4116-MW6	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-06	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
Tetrachloroethene	127-18-4	0.90 U	0.90	1.0	1	ug/L
Toluene	108-88-3	0.20 U	0.20	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.40 U	0.40	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.50 U	0.50	1.0	100	ug/L
Trichloroethene	79-01-6	0.40 U	0.40	1.0	3	ug/L
Trichlorofluoromethane	75-69-4	0.20 U	0.20	1.0	5	ug/L
Vinyl acetate	108-05-4	1.0 U	1.0	2.0	50	ug/L
Vinyl chloride	75-01-4	0.30 U	0.30	1.0	1	ug/L
Xylenes (Total)	1330-20-7	0.30 U	0.30	1.0	4	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	53	50.0	105 %	70-130
Dibromofluoromethane	1868-53-7	40	50.0	81 %	73-138
Toluene-d8	2037-26-5	49	50.0	97 %	77-118

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ANALYTICAL REPORT

Sample ID: 4116-MW6
Lab #: C605135-06

Project: WCA of High Point, LLC - Ind. Parameters
Work Order #: C605135
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	0.58 U	1	0.58	2.00	6	ug/L	EPA 6020	EPA 200.8	7A26033
Arsenic	7440-38-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Barium	7440-39-3	**53.5** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7A18010
Beryllium	7440-41-7	0.70 U	1	0.70	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Cobalt	7440-48-4	**5.9** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Copper	7440-50-8	0.60 U	1	0.60	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Iron	7439-89-6	**704**	1	20	50	300	ug/L	EPA 6010B	EPA 3005A	7A18010
Lead	7439-92-1	**3.1** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Manganese	7439-96-5	**361**	1	1.4	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Mercury	7439-97-6	0.11 U	1	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7A29033
Nickel	7440-02-0	2.0 U	1	2.0	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Thallium	7440-28-0	0.044 U	1	0.044	0.050	5.5	ug/L	EPA 6020	EPA 200.8	7A26033
Vanadium	7440-62-2	1.0 U	1	1.0	10.0	25	ug/L	EPA 6010B	EPA 3005A	7A18010
Zinc	7440-66-6	**11.0**	1	1.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010

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ANALYTICAL REPORT

Sample ID:	4116-MW6	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-06	Work Order #:	C605135
		Matrix:	Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Chloride	16887-00-6	**16**	1	1.0	1.0	NE	mg/L	EPA 325.3	NO PREP	7A27002
Sulfate as SO4	14808-79-8	**51** D	2	1.2	10	NE	mg/L	EPA 375.4	NO PREP	7B05026
Total Alkalinity	NA	**160**	1	2.0	2.0	NE	mg/L	SM 2320B	NO PREP	7A30002
Total Dissolved Solids	NA	**210**	1	10	10	NE	mg/L	EPA 160.1	NO PREP	7A22004

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ANALYTICAL REPORT

Sample ID:	4116-SW1	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-07	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20 U	0.20	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.20 U	0.20	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.30 U	0.30	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.40 U	0.40	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.50 U	0.50	1.0	8	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.60 U	0.60	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.40 U	0.40	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.30 U	0.30	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.40 U	0.40	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.20 U	0.20	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.30 U	0.30	1.0	1	ug/L
2-Butanone	78-93-3	0.80 U	0.80	5.0	100	ug/L
2-Hexanone	591-78-6	0.50 U	0.50	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.80 U	0.80	5.0	100	ug/L
Acetone	67-64-1	1.2 U	1.2	5.0	100	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	5.0	200	ug/L
Benzene	71-43-2	0.20 U	0.20	1.0	1	ug/L
Bromochloromethane	74-97-5	0.50 U	0.50	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.20 U	0.20	0.40	1	ug/L
Bromoform	75-25-2	0.30 U	0.30	1.0	3	ug/L
Bromomethane	74-83-9	0.60 U	0.60	1.0	10	ug/L
Carbon disulfide	75-15-0	0.30 U	0.30	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.20 U	0.20	1.0	1	ug/L
Chlorobenzene	108-90-7	0.30 U	0.30	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.40 U	0.40	1.0	5	ug/L
Chloromethane	74-87-3	0.20 U	0.20	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.20 U	0.20	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.30 U	0.30	1.0	1	ug/L
Dibromomethane	74-95-3	0.30 U	0.30	1.0	10	ug/L
Ethylbenzene	100-41-4	0.10 U	0.10	1.0	1	ug/L
Iodomethane	74-88-4	0.80 U	0.80	2.0	10	ug/L
Methylene chloride	75-09-2	0.40 U	0.40	2.0	1	ug/L
Styrene	100-42-5	0.10 U	0.10	1.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	4116-SW1	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-07	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
Tetrachloroethene	127-18-4	0.90 U	0.90	1.0	1	ug/L
Toluene	108-88-3	0.20 U	0.20	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.40 U	0.40	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.50 U	0.50	1.0	100	ug/L
Trichloroethene	79-01-6	0.40 U	0.40	1.0	3	ug/L
Trichlorofluoromethane	75-69-4	0.20 U	0.20	1.0	5	ug/L
Vinyl acetate	108-05-4	1.0 U	1.0	2.0	50	ug/L
Vinyl chloride	75-01-4	0.30 U	0.30	1.0	1	ug/L
Xylenes (Total)	1330-20-7	0.30 U	0.30	1.0	4	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	52	50.0	104 %	70-130
Dibromofluoromethane	1868-53-7	40	50.0	80 %	73-138
Toluene-d8	2037-26-5	49	50.0	98 %	77-118

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ANALYTICAL REPORT

Sample ID: 4116-SW1
Lab #: C605135-07

Project: WCA of High Point, LLC - Ind. Parameters
Work Order #: C605135
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	0.58 U	1	0.58	2.00	6	ug/L	EPA 6020	EPA 200.8	7A26033
Arsenic	7440-38-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Barium	7440-39-3	**38.7** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7A18010
Beryllium	7440-41-7	0.70 U	1	0.70	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Cobalt	7440-48-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Copper	7440-50-8	0.60 U	1	0.60	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Lead	7439-92-1	**4.6** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Nickel	7440-02-0	**2.9** J	1	2.0	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Thallium	7440-28-0	0.044 U	1	0.044	0.050	5.5	ug/L	EPA 6020	EPA 200.8	7A26033
Vanadium	7440-62-2	1.0 U	1	1.0	10.0	25	ug/L	EPA 6010B	EPA 3005A	7A18010
Zinc	7440-66-6	**27.0**	1	1.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010

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ANALYTICAL REPORT

Sample ID:	4116-SW2	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-08	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20 U	0.20	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.20 U	0.20	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.30 U	0.30	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.40 U	0.40	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.50 U	0.50	1.0	8	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.60 U	0.60	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.40 U	0.40	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.30 U	0.30	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.40 U	0.40	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.20 U	0.20	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.30 U	0.30	1.0	1	ug/L
2-Butanone	78-93-3	0.80 U	0.80	5.0	100	ug/L
2-Hexanone	591-78-6	0.50 U	0.50	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.80 U	0.80	5.0	100	ug/L
Acetone	67-64-1	1.2 U	1.2	5.0	100	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	5.0	200	ug/L
Benzene	71-43-2	0.20 U	0.20	1.0	1	ug/L
Bromochloromethane	74-97-5	0.50 U	0.50	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.20 U	0.20	0.40	1	ug/L
Bromoform	75-25-2	0.30 U	0.30	1.0	3	ug/L
Bromomethane	74-83-9	0.60 U	0.60	1.0	10	ug/L
Carbon disulfide	75-15-0	0.30 U	0.30	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.20 U	0.20	1.0	1	ug/L
Chlorobenzene	108-90-7	0.30 U	0.30	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.40 U	0.40	1.0	5	ug/L
Chloromethane	74-87-3	0.20 U	0.20	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.20 U	0.20	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.30 U	0.30	1.0	1	ug/L
Dibromomethane	74-95-3	0.30 U	0.30	1.0	10	ug/L
Ethylbenzene	100-41-4	0.10 U	0.10	1.0	1	ug/L
Iodomethane	74-88-4	0.80 U	0.80	2.0	10	ug/L
Methylene chloride	75-09-2	0.40 U	0.40	2.0	1	ug/L
Styrene	100-42-5	0.10 U	0.10	1.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	4116-SW2	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-08	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
Tetrachloroethene	127-18-4	0.90 U	0.90	1.0	1	ug/L
Toluene	108-88-3	0.20 U	0.20	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.40 U	0.40	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.50 U	0.50	1.0	100	ug/L
Trichloroethene	79-01-6	0.40 U	0.40	1.0	3	ug/L
Trichlorofluoromethane	75-69-4	0.20 U	0.20	1.0	5	ug/L
Vinyl acetate	108-05-4	1.0 U	1.0	2.0	50	ug/L
Vinyl chloride	75-01-4	0.30 U	0.30	1.0	1	ug/L
Xylenes (Total)	1330-20-7	0.30 U	0.30	1.0	4	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	51	50.0	102 %	70-130
Dibromofluoromethane	1868-53-7	41	50.0	81 %	73-138
Toluene-d8	2037-26-5	48	50.0	97 %	77-118

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ANALYTICAL REPORT

Sample ID:	4116-SW2	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-08	Work Order #:	C605135
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	0.58 U	1	0.58	2.00	6	ug/L	EPA 6020	EPA 200.8	7A26033
Arsenic	7440-38-2	**3.8** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Barium	7440-39-3	**39.5** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7A18010
Beryllium	7440-41-7	0.70 U	1	0.70	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Cobalt	7440-48-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Copper	7440-50-8	**1.00** J	1	0.60	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Lead	7439-92-1	**2.6** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Nickel	7440-02-0	2.0 U	1	2.0	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Thallium	7440-28-0	0.044 U	1	0.044	0.050	5.5	ug/L	EPA 6020	EPA 200.8	7A26033
Vanadium	7440-62-2	1.0 U	1	1.0	10.0	25	ug/L	EPA 6010B	EPA 3005A	7A18010
Zinc	7440-66-6	**27.1**	1	1.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010

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ANALYTICAL REPORT

Sample ID:	4116-SW3	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-09	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20 U	0.20	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.20 U	0.20	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.30 U	0.30	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.40 U	0.40	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.50 U	0.50	1.0	8	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.60 U	0.60	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.40 U	0.40	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.30 U	0.30	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.40 U	0.40	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.20 U	0.20	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.30 U	0.30	1.0	1	ug/L
2-Butanone	78-93-3	0.80 U	0.80	5.0	100	ug/L
2-Hexanone	591-78-6	0.50 U	0.50	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.80 U	0.80	5.0	100	ug/L
Acetone	67-64-1	1.2 U	1.2	5.0	100	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	5.0	200	ug/L
Benzene	71-43-2	0.20 U	0.20	1.0	1	ug/L
Bromochloromethane	74-97-5	0.50 U	0.50	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.20 U	0.20	0.40	1	ug/L
Bromoform	75-25-2	0.30 U	0.30	1.0	3	ug/L
Bromomethane	74-83-9	0.60 U	0.60	1.0	10	ug/L
Carbon disulfide	75-15-0	0.30 U	0.30	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.20 U	0.20	1.0	1	ug/L
Chlorobenzene	108-90-7	0.30 U	0.30	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.40 U	0.40	1.0	5	ug/L
Chloromethane	74-87-3	0.20 U	0.20	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.20 U	0.20	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.30 U	0.30	1.0	1	ug/L
Dibromomethane	74-95-3	0.30 U	0.30	1.0	10	ug/L
Ethylbenzene	100-41-4	0.10 U	0.10	1.0	1	ug/L
Iodomethane	74-88-4	0.80 U	0.80	2.0	10	ug/L
Methylene chloride	75-09-2	0.40 U	0.40	2.0	1	ug/L
Styrene	100-42-5	0.10 U	0.10	1.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	4116-SW3	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-09	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
Tetrachloroethene	127-18-4	0.90 U	0.90	1.0	1	ug/L
Toluene	108-88-3	0.20 U	0.20	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.40 U	0.40	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.50 U	0.50	1.0	100	ug/L
Trichloroethene	79-01-6	0.40 U	0.40	1.0	3	ug/L
Trichlorofluoromethane	75-69-4	0.20 U	0.20	1.0	5	ug/L
Vinyl acetate	108-05-4	1.0 U	1.0	2.0	50	ug/L
Vinyl chloride	75-01-4	0.30 U	0.30	1.0	1	ug/L
Xylenes (Total)	1330-20-7	0.30 U	0.30	1.0	4	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	56	50.0	113 %	70-130
Dibromofluoromethane	1868-53-7	41	50.0	81 %	73-138
Toluene-d8	2037-26-5	50	50.0	99 %	77-118

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ANALYTICAL REPORT

Sample ID: 4116-SW3
Lab #: C605135-09

Project: WCA of High Point, LLC - Ind. Parameters
Work Order #: C605135
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	0.58 U	1	0.58	2.00	6	ug/L	EPA 6020	EPA 200.8	7A26033
Arsenic	7440-38-2	**3.1** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Barium	7440-39-3	**47.6** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7A18010
Beryllium	7440-41-7	0.70 U	1	0.70	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Cobalt	7440-48-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Copper	7440-50-8	**1.50** J	1	0.60	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Lead	7439-92-1	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Nickel	7440-02-0	2.0 U	1	2.0	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Thallium	7440-28-0	0.044 U	1	0.044	0.050	5.5	ug/L	EPA 6020	EPA 200.8	7A26033
Vanadium	7440-62-2	1.0 U	1	1.0	10.0	25	ug/L	EPA 6010B	EPA 3005A	7A18010
Zinc	7440-66-6	**9.5** J	1	1.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010

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ANALYTICAL REPORT

Sample ID:	4116-SW4	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-10	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20 U	0.20	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.20 U	0.20	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.30 U	0.30	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.40 U	0.40	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.50 U	0.50	1.0	8	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.60 U	0.60	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.40 U	0.40	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.30 U	0.30	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.40 U	0.40	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.20 U	0.20	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.30 U	0.30	1.0	1	ug/L
2-Butanone	78-93-3	0.80 U	0.80	5.0	100	ug/L
2-Hexanone	591-78-6	0.50 U	0.50	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.80 U	0.80	5.0	100	ug/L
Acetone	67-64-1	1.2 U	1.2	5.0	100	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	5.0	200	ug/L
Benzene	71-43-2	0.20 U	0.20	1.0	1	ug/L
Bromochloromethane	74-97-5	0.50 U	0.50	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.20 U	0.20	0.40	1	ug/L
Bromoform	75-25-2	0.30 U	0.30	1.0	3	ug/L
Bromomethane	74-83-9	0.60 U	0.60	1.0	10	ug/L
Carbon disulfide	75-15-0	0.30 U	0.30	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.20 U	0.20	1.0	1	ug/L
Chlorobenzene	108-90-7	0.30 U	0.30	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.40 U	0.40	1.0	5	ug/L
Chloromethane	74-87-3	0.20 U	0.20	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.20 U	0.20	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.30 U	0.30	1.0	1	ug/L
Dibromomethane	74-95-3	0.30 U	0.30	1.0	10	ug/L
Ethylbenzene	100-41-4	0.10 U	0.10	1.0	1	ug/L
Iodomethane	74-88-4	0.80 U	0.80	2.0	10	ug/L
Methylene chloride	75-09-2	0.40 U	0.40	2.0	1	ug/L
Styrene	100-42-5	0.10 U	0.10	1.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	4116-SW4	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-10	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
Tetrachloroethene	127-18-4	0.90 U	0.90	1.0	1	ug/L
Toluene	108-88-3	0.20 U	0.20	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.40 U	0.40	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.50 U	0.50	1.0	100	ug/L
Trichloroethene	79-01-6	0.40 U	0.40	1.0	3	ug/L
Trichlorofluoromethane	75-69-4	0.20 U	0.20	1.0	5	ug/L
Vinyl acetate	108-05-4	1.0 U	1.0	2.0	50	ug/L
Vinyl chloride	75-01-4	0.30 U	0.30	1.0	1	ug/L
Xylenes (Total)	1330-20-7	0.30 U	0.30	1.0	4	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	54	50.0	108 %	70-130
Dibromofluoromethane	1868-53-7	40	50.0	79 %	73-138
Toluene-d8	2037-26-5	49	50.0	98 %	77-118

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ANALYTICAL REPORT

Sample ID:	4116-SW4	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-10	Work Order #:	C605135
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	0.58 U	1	0.58	2.00	6	ug/L	EPA 6020	EPA 200.8	7A26033
Arsenic	7440-38-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Barium	7440-39-3	**46.0** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7A18010
Beryllium	7440-41-7	0.70 U	1	0.70	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Cobalt	7440-48-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Copper	7440-50-8	0.60 U	1	0.60	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Lead	7439-92-1	**3.6** J	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Nickel	7440-02-0	2.0 U	1	2.0	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Thallium	7440-28-0	0.044 U	1	0.044	0.050	5.5	ug/L	EPA 6020	EPA 200.8	7A26033
Vanadium	7440-62-2	1.0 U	1	1.0	10.0	25	ug/L	EPA 6010B	EPA 3005A	7A18010
Zinc	7440-66-6	**4.2** J	1	1.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010

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ANALYTICAL REPORT

Sample ID:	4116-Field Blank	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-11	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20 U	0.20	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.20 U	0.20	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.30 U	0.30	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.40 U	0.40	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.50 U	0.50	1.0	8	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.60 U	0.60	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.40 U	0.40	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.30 U	0.30	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.40 U	0.40	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.20 U	0.20	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.30 U	0.30	1.0	1	ug/L
2-Butanone	78-93-3	0.80 U	0.80	5.0	100	ug/L
2-Hexanone	591-78-6	0.50 U	0.50	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.80 U	0.80	5.0	100	ug/L
Acetone	67-64-1	1.2 U	1.2	5.0	100	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	5.0	200	ug/L
Benzene	71-43-2	0.20 U	0.20	1.0	1	ug/L
Bromochloromethane	74-97-5	0.50 U	0.50	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.20 U	0.20	0.40	1	ug/L
Bromoform	75-25-2	0.30 U	0.30	1.0	3	ug/L
Bromomethane	74-83-9	0.60 U	0.60	1.0	10	ug/L
Carbon disulfide	75-15-0	0.30 U	0.30	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.20 U	0.20	1.0	1	ug/L
Chlorobenzene	108-90-7	0.30 U	0.30	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.40 U	0.40	1.0	5	ug/L
Chloromethane	74-87-3	0.20 U	0.20	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.20 U	0.20	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.30 U	0.30	1.0	1	ug/L
Dibromomethane	74-95-3	0.30 U	0.30	1.0	10	ug/L
Ethylbenzene	100-41-4	0.10 U	0.10	1.0	1	ug/L
Iodomethane	74-88-4	0.80 U	0.80	2.0	10	ug/L
Methylene chloride	75-09-2	0.40 U	0.40	2.0	1	ug/L
Styrene	100-42-5	0.10 U	0.10	1.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	4116-Field Blank	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-11	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
Tetrachloroethene	127-18-4	0.90 U	0.90	1.0	1	ug/L
Toluene	108-88-3	0.20 U	0.20	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.40 U	0.40	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.50 U	0.50	1.0	100	ug/L
Trichloroethene	79-01-6	0.40 U	0.40	1.0	3	ug/L
Trichlorofluoromethane	75-69-4	0.20 U	0.20	1.0	5	ug/L
Vinyl acetate	108-05-4	1.0 U	1.0	2.0	50	ug/L
Vinyl chloride	75-01-4	0.30 U	0.30	1.0	1	ug/L
Xylenes (Total)	1330-20-7	0.30 U	0.30	1.0	4	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	56	50.0	113 %	70-130
Dibromofluoromethane	1868-53-7	40	50.0	80 %	73-138
Toluene-d8	2037-26-5	50	50.0	100 %	77-118

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ANALYTICAL REPORT

Sample ID: 4116-Field Blank
Lab #: C605135-11

Project: WCA of High Point, LLC - Ind. Parameters
Work Order #: C605135
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	DF	MDL	MRL	NC SWSL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	0.58 U	1	0.58	2.00	6	ug/L	EPA 6020	EPA 200.8	7A26033
Arsenic	7440-38-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Barium	7440-39-3	**0.90** J	1	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7A18010
Beryllium	7440-41-7	0.70 U	1	0.70	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Cadmium	7440-43-9	0.50 U	1	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Chromium	7440-47-3	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Cobalt	7440-48-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Copper	7440-50-8	0.60 U	1	0.60	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Lead	7439-92-1	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Nickel	7440-02-0	2.0 U	1	2.0	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Selenium	7782-49-2	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Silver	7440-22-4	2.0 U	1	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Thallium	7440-28-0	0.044 U	1	0.044	0.050	5.5	ug/L	EPA 6020	EPA 200.8	7A26033
Vanadium	7440-62-2	1.0 U	1	1.0	10.0	25	ug/L	EPA 6010B	EPA 3005A	7A18010
Zinc	7440-66-6	**10.0**	1	1.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010

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ANALYTICAL REPORT

Sample ID:	4116-Trip Blank	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-12	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/18/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20 U	0.20	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.20 U	0.20	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.30 U	0.30	1.0	1	ug/L
1,1,2-Trichloroethane	79-00-5	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.40 U	0.40	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.50 U	0.50	1.0	8	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.60 U	0.60	1.0	1	ug/L
1,2-Dibromoethane	106-93-4	0.40 U	0.40	1.0	1	ug/L
1,2-Dichlorobenzene	95-50-1	0.30 U	0.30	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.40 U	0.40	1.0	1	ug/L
1,2-Dichloropropane	78-87-5	0.20 U	0.20	1.0	1	ug/L
1,4-Dichlorobenzene	106-46-7	0.30 U	0.30	1.0	1	ug/L
2-Butanone	78-93-3	0.80 U	0.80	5.0	100	ug/L
2-Hexanone	591-78-6	0.50 U	0.50	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.80 U	0.80	5.0	100	ug/L
Acetone	67-64-1	1.2 U	1.2	5.0	100	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	5.0	200	ug/L
Benzene	71-43-2	0.20 U	0.20	1.0	1	ug/L
Bromochloromethane	74-97-5	0.50 U	0.50	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.20 U	0.20	0.40	1	ug/L
Bromoform	75-25-2	0.30 U	0.30	1.0	3	ug/L
Bromomethane	74-83-9	0.60 U	0.60	1.0	10	ug/L
Carbon disulfide	75-15-0	0.30 U	0.30	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.20 U	0.20	1.0	1	ug/L
Chlorobenzene	108-90-7	0.30 U	0.30	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.40 U	0.40	1.0	5	ug/L
Chloromethane	74-87-3	0.20 U	0.20	1.0	1	ug/L
cis-1,2-Dichloroethene	156-59-2	0.20 U	0.20	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	1	ug/L
Dibromochloromethane	124-48-1	0.30 U	0.30	1.0	1	ug/L
Dibromomethane	74-95-3	0.30 U	0.30	1.0	10	ug/L
Ethylbenzene	100-41-4	0.10 U	0.10	1.0	1	ug/L
Iodomethane	74-88-4	0.80 U	0.80	2.0	10	ug/L
Methylene chloride	75-09-2	0.40 U	0.40	2.0	1	ug/L
Styrene	100-42-5	0.10 U	0.10	1.0	1	ug/L

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ANALYTICAL REPORT

Sample ID:	4116-Trip Blank	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C605135-12	Work Order #:	C605135
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/18/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWSL	Units
Tetrachloroethene	127-18-4	0.90 U	0.90	1.0	1	ug/L
Toluene	108-88-3	0.20 U	0.20	1.0	1	ug/L
trans-1,2-Dichloroethene	156-60-5	0.40 U	0.40	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	1	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.50 U	0.50	1.0	100	ug/L
Trichloroethene	79-01-6	0.40 U	0.40	1.0	3	ug/L
Trichlorofluoromethane	75-69-4	0.20 U	0.20	1.0	5	ug/L
Vinyl acetate	108-05-4	1.0 U	1.0	2.0	50	ug/L
Vinyl chloride	75-01-4	0.30 U	0.30	1.0	1	ug/L
Xylenes (Total)	1330-20-7	0.30 U	0.30	1.0	4	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	54	50.0	108 %	70-130
Dibromofluoromethane	1868-53-7	42	50.0	83 %	73-138
Toluene-d8	2037-26-5	48	50.0	96 %	77-118

QUALITY CONTROL

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

Volatile Organic Compounds by GCMS - Quality Control

Batch 7A18002 - EPA 5030B_MS

Blank (7A18002-BLK1) Prepared: 01/18/2007 07:21 Analyzed: 01/18/2007 21:10

Acetone	1.2 U	5.0	ug/L
Acrylonitrile	1.7 U	5.0	ug/L
Benzene	0.20 U	1.0	ug/L
2-Butanone	0.80 U	5.0	ug/L
2-Hexanone	0.50 U	5.0	ug/L
Iodomethane	0.80 U	2.0	ug/L
Tetrachloroethene	0.90 U	1.0	ug/L
4-Methyl-2-pentanone	0.80 U	5.0	ug/L
Bromochloromethane	0.50 U	1.0	ug/L
Trichloroethene	0.40 U	1.0	ug/L
Bromodichloromethane	0.20 U	0.40	ug/L
Bromoform	0.30 U	1.0	ug/L
Bromomethane	0.60 U	1.0	ug/L
Carbon disulfide	0.30 U	5.0	ug/L
Carbon tetrachloride	0.20 U	1.0	ug/L
Chlorobenzene	0.30 U	1.0	ug/L
Chloroethane	0.40 U	1.0	ug/L
Chloroform	0.40 U	1.0	ug/L
Chloromethane	0.20 U	1.0	ug/L
Dibromochloromethane	0.30 U	1.0	ug/L
1,2-Dibromo-3-chloropropane	0.60 U	1.0	ug/L
1,2-Dibromoethane	0.40 U	1.0	ug/L
Dibromomethane	0.30 U	1.0	ug/L
1,2-Dichlorobenzene	0.30 U	1.0	ug/L
1,4-Dichlorobenzene	0.30 U	1.0	ug/L
trans-1,4-Dichloro-2-butene	0.50 U	1.0	ug/L
1,1-Dichloroethane	0.40 U	1.0	ug/L
1,2-Dichloroethane	0.40 U	1.0	ug/L
1,1-Dichloroethene	0.40 U	1.0	ug/L
cis-1,2-Dichloroethene	0.20 U	1.0	ug/L
trans-1,2-Dichloroethene	0.40 U	1.0	ug/L
1,2-Dichloropropane	0.20 U	1.0	ug/L
cis-1,3-Dichloropropene	0.20 U	0.20	ug/L
trans-1,3-Dichloropropene	0.20 U	0.20	ug/L
Ethylbenzene	0.10 U	1.0	ug/L
Methylene chloride	0.40 U	2.0	ug/L
Styrene	0.10 U	1.0	ug/L
1,1,1,2-Tetrachloroethane	0.20 U	1.0	ug/L
1,1,2,2-Tetrachloroethane	0.30 U	1.0	ug/L
Toluene	0.20 U	1.0	ug/L
1,1,1-Trichloroethane	0.20 U	1.0	ug/L
1,1,2-Trichloroethane	0.40 U	1.0	ug/L
Trichlorofluoromethane	0.20 U	1.0	ug/L
1,2,3-Trichloropropane	0.50 U	1.0	ug/L
Vinyl acetate	1.0 U	2.0	ug/L

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 7A18002 - EPA 5030B_MS										
Blank (7A18002-BLK1) Continued				Prepared: 01/18/2007 07:21 Analyzed: 01/18/2007 21:10						
Vinyl chloride	0.30 U	1.0	ug/L							
Xylenes (Total)	0.30 U	1.0	ug/L							
LCS (7A18002-BS1)				Prepared: 01/18/2007 07:21 Analyzed: 01/18/2007 18:08						
Benzene	19	1.0	ug/L	20.0		97	69-115			
Trichloroethene	20	1.0	ug/L	20.0		102	74-118			
Chlorobenzene	19	1.0	ug/L	20.0		94	76-118			
1,1-Dichloroethene	18	1.0	ug/L	20.0		88	64-139			
Toluene	18	1.0	ug/L	20.0		89	77-117			
Matrix Spike (7A18002-MS1)		**Source: C605135-02**		Prepared: 01/18/2007 07:21 Analyzed: 01/18/2007 18:34						
Benzene	18	1.0	ug/L	20.0	0.20 U	92	53-150			
Trichloroethene	20	1.0	ug/L	20.0	0.40 U	99	64-124			
Chlorobenzene	18	1.0	ug/L	20.0	0.30 U	90	44-128			
1,1-Dichloroethene	19	1.0	ug/L	20.0	0.40 U	96	36-177			
Toluene	18	1.0	ug/L	20.0	0.20 U	88	40-161			
Matrix Spike Dup (7A18002-MSD1)		**Source: C605135-02**		Prepared: 01/18/2007 07:21 Analyzed: 01/18/2007 19:02						
Benzene	19	1.0	ug/L	20.0	0.20 U	95	53-150	4	23	
Trichloroethene	20	1.0	ug/L	20.0	0.40 U	100	64-124	0.2	25	
Chlorobenzene	19	1.0	ug/L	20.0	0.30 U	96	44-128	6	22	
1,1-Dichloroethene	18	1.0	ug/L	20.0	0.40 U	91	36-177	4	30	
Toluene	19	1.0	ug/L	20.0	0.20 U	93	40-161	6	23	
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 7A18010 - EPA 3005A										
Blank (7A18010-BLK1)				Prepared: 01/18/2007 09:21 Analyzed: 01/19/2007 09:48						
Arsenic	2.4 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	4.00 J	10.0	ug/L							
LCS (7A18010-BS1)				Prepared: 01/18/2007 09:21 Analyzed: 01/19/2007 09:55						
Arsenic	1060	10.0	ug/L	1000		106	82-117			
Barium	1040	10.0	ug/L	1000		104	72-125			
Beryllium	540	1.00	ug/L	500		108	75-121			
Cadmium	526	1.00	ug/L	500		105	72-120			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 7A18010 - EPA 3005A										
LCS (7A18010-BS1) Continued				Prepared: 01/18/2007 09:21 Analyzed: 01/19/2007 09:55						
Chromium	1040	10.0	ug/L	1000		104	78-119			
Cobalt	1040	10.0	ug/L	1000		104	76-117			
Copper	522	10.0	ug/L	500		104	80-117			
Iron	10400	50	ug/L	10000		104	84-133			
Lead	1070	10.0	ug/L	1000		107	72-121			
Manganese	527	10.0	ug/L	500		105	76-123			
Nickel	1050	10.0	ug/L	1000		105	78-116			
Selenium	1100	10.0	ug/L	1000		110	82-127			
Silver	90.1	10.0	ug/L	100		90	80-128			
Vanadium	512	10.0	ug/L	500		102	78-117			
Zinc	1060	10.0	ug/L	1000		106	80-120			
Matrix Spike (7A18010-MS1)		**Source: C605135-02**		Prepared: 01/18/2007 09:21 Analyzed: 01/19/2007 10:13						
Arsenic	1060	10.0	ug/L	1000	2.5	106	64-126			
Barium	1210	10.0	ug/L	1000	187	103	74-119			
Beryllium	537	1.00	ug/L	500	0.70 U	107	70-131			
Cadmium	519	1.00	ug/L	500	0.50 U	104	68-121			
Chromium	1020	10.0	ug/L	1000	2.0 U	102	73-120			
Cobalt	1050	10.0	ug/L	1000	14.6	104	76-120			
Copper	517	10.0	ug/L	500	0.60 U	103	75-123			
Iron	13600	50	ug/L	10000	3410	102	48-144			
Lead	1060	10.0	ug/L	1000	2.0 U	106	68-126			
Manganese	6440	10.0	ug/L	500	6160	55	55-146			
Nickel	1040	10.0	ug/L	1000	2.0 U	104	64-126			
Selenium	1070	10.0	ug/L	1000	2.0 U	107	65-129			
Silver	90.0	10.0	ug/L	100	2.0 U	90	69-121			
Vanadium	468	10.0	ug/L	500	1.0 U	94	71-130			
Zinc	1040	10.0	ug/L	1000	4.00	104	63-131			
Matrix Spike Dup (7A18010-MSD1)		**Source: C605135-02**		Prepared: 01/18/2007 09:21 Analyzed: 01/19/2007 10:20						
Arsenic	1060	10.0	ug/L	1000	2.5	106	64-126	0.2	12	
Barium	1200	10.0	ug/L	1000	187	102	74-119	0.9	11	
Beryllium	535	1.00	ug/L	500	0.70 U	107	70-131	0.4	21	
Cadmium	518	1.00	ug/L	500	0.50 U	104	68-121	0.2	12	
Chromium	1010	10.0	ug/L	1000	2.0 U	101	73-120	0.5	10	
Cobalt	1050	10.0	ug/L	1000	14.6	103	76-120	0.4	17	
Copper	515	10.0	ug/L	500	0.60 U	103	75-123	0.4	16	
Iron	13500	50	ug/L	10000	3410	101	48-144	0.8	23	
Lead	1060	10.0	ug/L	1000	2.0 U	106	68-126	0.2	19	
Manganese	6310 QM-05	10.0	ug/L	500	6160	29	55-146	2	19	QM-05
Nickel	1030	10.0	ug/L	1000	2.0 U	103	64-126	0.3	12	
Selenium	1080	10.0	ug/L	1000	2.0 U	108	65-129	0.8	10	
Silver	91.4	10.0	ug/L	100	2.0 U	91	69-121	2	12	
Vanadium	467	10.0	ug/L	500	1.0 U	93	71-130	0.2	16	
Zinc	1040	10.0	ug/L	1000	4.00	104	63-131	0	24	
Batch 7A26033 - EPA 200.8										

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 7A26033 - EPA 200.8										
Blank (7A26033-BLK1)				Prepared: 01/26/2007 15:26 Analyzed: 02/01/2007 11:41						
Antimony	0.58 U	2.00	ug/L							
Thallium	0.044 U	0.050	ug/L							
LCS (7A26033-BS1)				Prepared: 01/26/2007 15:26 Analyzed: 02/01/2007 11:56						
Antimony	55.6	2.00	ug/L	50.0		111	80-120			
Thallium	51.5	0.050	ug/L	50.0		103	80-120			
Matrix Spike (7A26033-MS1)		**Source: C605135-02**		Prepared: 01/26/2007 15:26 Analyzed: 02/01/2007 11:58						
Antimony	62.2	2.00	ug/L	50.0	0.58 U	124	70-130			
Thallium	52.8	0.050	ug/L	50.0	0.0480	106	70-130			
Matrix Spike Dup (7A26033-MSD1)		**Source: C605135-02**		Prepared: 01/26/2007 15:26 Analyzed: 02/01/2007 12:01						
Antimony	63.9	2.00	ug/L	50.0	0.58 U	128	70-130	3	20	
Thallium	53.5	0.050	ug/L	50.0	0.0480	107	70-130	1	20	
Batch 7A29033 - EPA 7470A										
Blank (7A29033-BLK1)				Prepared: 01/29/2007 16:30 Analyzed: 01/30/2007 12:49						
Mercury	0.11 U	0.20	ug/L							
LCS (7A29033-BS1)				Prepared: 01/29/2007 16:30 Analyzed: 01/30/2007 12:51						
Mercury	5.24	0.20	ug/L	5.00		105	87-123			
Matrix Spike (7A29033-MS1)		**Source: C605135-02**		Prepared: 01/29/2007 16:30 Analyzed: 01/30/2007 12:56						
Mercury	4.96	0.20	ug/L	5.00	0.11 U	99	63-132			
Matrix Spike Dup (7A29033-MSD1)		**Source: C605135-02**		Prepared: 01/29/2007 16:30 Analyzed: 01/30/2007 12:59						
Mercury	4.78	0.20	ug/L	5.00	0.11 U	96	63-132	4	10	
Classical Chemistry Parameters - Quality Control										
Batch 7A22004 - NO PREP										
Blank (7A22004-BLK1)				Prepared: 01/22/2007 07:11 Analyzed: 01/23/2007 10:15						
Total Dissolved Solids	10 U	10	mg/L							
LCS (7A22004-BS1)				Prepared: 01/22/2007 07:11 Analyzed: 01/23/2007 10:15						
Total Dissolved Solids	290	10	mg/L	300		95	90-110			
Duplicate (7A22004-DUP1)		**Source: C700844-02**		Prepared: 01/22/2007 07:11 Analyzed: 01/23/2007 10:15						
Total Dissolved Solids	210	10	mg/L		240			10	10	
Batch 7A27002 - NO PREP										
Blank (7A27002-BLK1)				Prepared: 01/27/2007 08:27 Analyzed: 01/27/2007 10:23						
Chloride	1.0 U	1.0	mg/L							
LCS (7A27002-BS1)				Prepared: 01/27/2007 08:27 Analyzed: 01/27/2007 10:23						
Chloride	49	1.0	mg/L	50.0		98	86-122			
Matrix Spike (7A27002-MS1)		**Source: C605135-02**		Prepared: 01/27/2007 08:27 Analyzed: 01/27/2007 10:23						
Chloride	64	1.0	mg/L	50.0	13	102	83-139			
Matrix Spike Dup (7A27002-MSD1)		**Source: C605135-02**		Prepared: 01/27/2007 08:27 Analyzed: 01/27/2007 10:23						
Chloride	63	1.0	mg/L	50.0	13	100	83-139	2	12	
Batch 7A30002 - NO PREP										
Blank (7A30002-BLK1)				Prepared: 01/30/2007 07:07 Analyzed: 01/30/2007 10:00						
Total Alkalinity	2.0 U	2.0	mg/L							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes
Classical Chemistry Parameters - Quality Control										
Batch 7A30002 - NO PREP										
LCS (7A30002-BS1)				Prepared: 01/30/2007 07:07 Analyzed: 01/30/2007 10:00						
Total Alkalinity	120	2.0	mg/L	125		96	89-123			
Matrix Spike (7A30002-MS1)		**Source: C605135-02**		Prepared: 01/30/2007 07:07 Analyzed: 01/30/2007 10:00						
Total Alkalinity	120 QM-01	2.0	mg/L	125	53	53	73-126			QM-01
Matrix Spike Dup (7A30002-MSD1)		**Source: C605135-02**		Prepared: 01/30/2007 07:07 Analyzed: 01/30/2007 10:00						
Total Alkalinity	120 QM-01	2.0	mg/L	125	53	52	73-126	0.8	11	QM-01
Batch 7B05026 - NO PREP										
Blank (7B05026-BLK1)				Prepared: 02/05/2007 23:47 Analyzed: 02/06/2007 02:22						
Sulfate as SO4	2.2 J	5.0	mg/L							
LCS (7B05026-BS1)				Prepared: 02/05/2007 23:47 Analyzed: 02/06/2007 02:27						
Sulfate as SO4	19	5.0	mg/L	20.0		94	80-120			
Matrix Spike (7B05026-MS1)		**Source: C605135-03**		Prepared: 02/05/2007 23:47 Analyzed: 02/06/2007 06:13						
Sulfate as SO4	22 QM-05	5.0	mg/L	20.0	7.0	75	80-120			QM-05
Matrix Spike Dup (7B05026-MSD1)		**Source: C605135-03**		Prepared: 02/05/2007 23:47 Analyzed: 02/06/2007 06:17						
Sulfate as SO4	29	5.0	mg/L	20.0	7.0	109	80-120	27	10	

NOTES AND DEFINITIONS

D	Data reported from a dilution
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
U	Analyte included in the analysis, but not detected

LABORATORY CERTIFICATION SUMMARY

Analysis	Matrix	Cert ID	Cert Number
8260B Appendix 1	Water	NC	591
Alkalinity SM 2320B	Water	NC	591
Antimony Total EPA 6020	Water	NC	591
Arsenic Total EPA 6010B	Water	NC	591
Barium Total EPA 6010B	Water	NC	591
Beryllium Total EPA 6010B	Water	NC	591
Cadmium Total EPA 6010B	Water	NC	591
Chloride 325.3	Water	NC	591
Chromium Total EPA 6010B	Water	NC	591
Cobalt Total EPA 6010B	Water	NC	591
Copper Total EPA 6010B	Water	NC	591
Iron Total EPA 6010B	Water	NC	591
Lead Total EPA 6010B	Water	NC	591
Manganese Total EPA 6010B	Water	NC	591
Mercury Total EPA 7470A	Water	NC	591
Nickel Total EPA 6010B	Water	NC	591
Selenium Total EPA 6010B	Water	NC	591
Silver Total EPA 6010B	Water	NC	591
TDS 160.1	Water	NC	591
Thallium Total EPA 6020	Water	NC	591
Vanadium Total EPA 6010B	Water	NC	591
Zinc Total EPA 6010B	Water	NC	591

WORK ORDER

Printed: 2/7/2007 12:58:07PM

C605135

ENCO Cary

Sample Receipt Conditions

Client:	**Golder Associates, Inc. (GO007)**	**Lab Project Mgr:**	**Chuck Smith**
Project:	**WCA of High Point, LLC - Ind. Parameters**	**Project Number:**	**536692.300**
PO #:			

Report To:
Golder Associates, Inc. (GO007)
Rachel Kirkman
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:	John W. Lowther	Date Received:	17-Jan-07 10:30
Logged In By:	John W. Lowther	Date Logged In:	17-Jan-07 14:10

Work Order Comments:

Default Cooler received at 2.3°C

Containers Intact	Y	Containers Properly Preserved	Y	Proper Containers Received	Y	All Samples in PreLog Received	N	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 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

Client Name: Golder Associates, Inc. (GO007)	Project Number: 536692.300
Address: The Wingate Building 4900 Koger Blvd., Suite 140	Project Name/Desc: WCA of High Point, LLC - Ind. Parameters
City/ST/Zip: Greensboro, NC 27407	PO # / Billing Info
Tel: (336) 852-4903 Fax: (336) 852-4904	Reporting Contact: Rachel Kirkman
Sampler(s) Name, Affiliation (Print): D. Reedy / W. Jappe, Golder	Billing Contact: Accounts Payable
Sampler(s) Signature: [signature]	Facility # (if required)

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: C605135

Requested Analyses / 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,Sulfate SM4500 SO4-E	Chloride 325.3	TDS 160.1					Sample Comments
	4116-MW1	1-16-07	1430	Grab	Water	7	X	X		X	X	X					
	4116-MW2 MS/MSD	1-16-07	1445	Grab	Water	13	X	X		X	X	X					
	4116-MW3	1-16-07	1503	Grab	Water	7	X	X		X	X	X					
	4116-MW4S	1-16-07	1520	Grab	Water	7	X	X		X	X	X					
	4116-MW5	1-16-07	1630	Grab	Water	7	X	X		X	X	X					
	4116-MW6	1-16-07	1550	Grab	Water	7	X	X		X	X	X					
	~~4116-MW7S~~				~~Water~~	~~7~~	~~X~~	~~X~~		~~X~~	~~X~~	~~X~~					
	~~4116-MW8~~				~~Water~~	~~7~~	~~X~~	~~X~~		~~X~~	~~X~~	~~X~~					here
	4116-SW1	1-16-07	1715	Grab	Water	4	X		X								
	4116-SW2	1-16-07	1530	Grab	Water	4	X		X								
	4116-SW3	1-16-07	1540	Grab	Water	4	X		X								
	4116-SW4	1-16-07	1615	Grab	Water	4	X		X								

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
		[signature]	1-16-07 / 1900		
Comments: Provide Level 2 Data Report. Unit rates per "Basic Ordering Agreement for Laboratory Services" dated April 19, 2004 & 2006 ENCO MSA Price List. Estimated fee $2604.00 (Sum of Both Chains). Chain covers 2 coolers		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By [signature]	Date/Time 1/17/07 1030
		Cooler #'s & Temps on Receipt: 2, 3		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 agreements exist

LOA per Rachel Kirkman [signature] for Rachel Kirkman, Approved By: [signature]

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

Client Name: Golder Associates, Inc. (GO007)	Project Number: 536692.300
Address: The Wingate Building 4900 Koger Blvd., Suite 140	Project Name/Desc: WCA of High Point, LLC - Ind. Parameters
City/ST/Zip: Greensboro, NC 27407	PO # / Billing Info:
Tel: (336) 852-4903 Fax: (336) 852-4904	Reporting Contact: Rachel Kirkman
Sampler(s) Name, Affiliation (Print): D. Reedy, W. Jupp / Golder	Billing Contact: Accounts Payable
Sampler(s) Signature: [signature]	Facility # (if required):

Requested Analyses

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: C605135

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,Sulfate SM4500 SO4 E	Chloride 325.3	TDS 160.1					Sample Comments
1	4116-Field Blank	1-16-07	1725	Grab	Water	4	X		X								
2	4116-Trip Blank				Water	3	X										
	~~Extra~~				~~Water~~	~~7~~	~~X~~	~~X~~		~~X~~	~~X~~	~~X~~					

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
		[signature]	1-16-07 / 1900		
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By: [signature]	Date/Time: 1/17/07 1030
		Cooler #'s & Temps on Receipt: 2.3		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 agreements exist

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

Project Name: WCA of High Point C&D Landfill

Project Reference Number: 0536692007.100

Sampling Event Date: January 16, 2007

Review Date: February 13, 2007 *Initials:* WJ

Review Date: February 23, 2007 *Initials:* BD

Report #: C605135

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)

X NC Closed Facility/C & D List

___ NC Appendix I

___ NC Appendix I + Detects

___ NC Appendix II

___ NC Subtitle D Leachate List

Other: _____

1.0 CHAIN OF CUSTODY (COC) REVIEW

WJ BD COC was properly signed by all parties.

WJ BD Correct project name and number are on the form.

- ***Incorrect project number listed on the "chain-of-custody", the project number should be 053-6692007.100.***

WJ BD Sample receipt condition at laboratory was acceptable.

WJ BD Each sample and blank submitted for analysis appears in the report.

Notes: _____

2.0 SAMPLE HOLDING TIMES

WJ BD 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
EPA Method 160.1	TDS	7 days
EPA Method 325.3	Chloride	28 days

3.0 LABORATORY QUALITY CONTROL REVIEW

WJ BD Laboratory analyzed at least one internal blank for each method, where applicable.

WJ BD Laboratory blank is interference-free.

Method Blank (7A18010-BLK1):
- ***Arsenic @ 2.4 µg/L (J)***
- ***Zinc @ 4.00 µg/L (J)***

Method Blank (7B05026-BLK1):
- ***Sulfate @ 2.25 µg/L (J)***

WJ BD Surrogate recoveries are provided for each analytical method, where applicable.

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

WJ BD MS/MSD/LCS data results are provided for each analytical method.

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

- ***The manganese MSD spike recovery for Matrix Spike Duplicate 7A18010-MSD1 was outside acceptance limits due to matrix interference. The LCS and MS were within acceptable limits showing that the laboratory control is present and that the data is acceptable.***
- ***The alkalinity MS and MSD spike recoveries for Matrix Spike and Matrix Spike Duplicate 7A30002-MS1-MSD1 were outside acceptable limits due to matrix interference. The LCS is within an acceptable range.***
- ***The sulfate MS spike recovery for Matrix Spike 7B05026-MS1 was outside acceptance limits due to matrix interference. The LCS and MS were within acceptable limits showing that the laboratory control is present and that the data is acceptable.***

Notes: _____

4.0 ANALYTE LISTS/METHODS

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

WJ BD Proper EPA SW-846 analytical methods were used for analysis.

Notes: _____

5.0 DATA REPORTING

WJ BD All analytical reporting associated with the event was performed by the contracted lab.

WJ BD 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.

Field Blank:

- ***Barium @ 0.90 µg/L (J)***
- ***Zinc @ 10.0 µg/L***

Method Blanks:

- ***Arsenic @ 2.4 µg/L (J)***
- ***Zinc @ 4.0 µg/L (J)***
- ***Sulfate @ 2.25 µg/L (J)***

Note the detections of Arsenic in MW-2, MW-3, MW-4S, SW-2, and SW-3 need B-Flags!
Note the detections of Zinc in MW-1, MW-2, MW-3, MW-4S, MW-5, MW-6, SW-1, SW-2, SW-3, and SW-4 need B-Flags!

WJ BD 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-1:

- ***Sulfate diluted @ 2:1 dilution factor***

MW-2:

- ***Sulfate diluted @ 2:1 dilution factor***

MW-5:

- ***Sulfate diluted @ 2:1 dilution factor***

MW-6:

- ***Sulfate diluted @ 2:1 dilution factor***

Note the dilution factor is not clear via the laboratory report. The dilution factor can be found via the electronic NCSWS file.

WJ BD The report provides the reporting limit for each constituent.

WJ BD The results were reported at or below their proper reporting limits (e.g., NC Solid Waste Section approved QLs). 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.

WJ BD No inorganic and organic constituents were reported above their respective NC 2L Drinking Water Standards in wells, surface points, or field/equipment/trip blanks.

WJ BD 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).

WJ BD Other report issues/Communications with laboratory/etc.:

Notes: _____

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

RECEIVED FEB 12 2007

www.encolabs.com

Wednesday, February 7, 2007

Golder Associates, Inc. (GO007)

Attn: Rachel Kirkman

The Wingate Building 4900 Koger Blvd., Suite 140

Greensboro, NC 27407

RE: Project Number: 536692.300, Project Name/Desc: WCA of High Point, LLC - Ind. Parameters
ENCO Workorder: C700844

Dear Rachel Kirkman,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, January 17, 2007.

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.

This data has been produced in accordance with NELAC standards (June, 2003). 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. 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,

Bob George For Chuck Smith
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 17.

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: 4116-MW7S **Lab ID:** C700844-01

Sampled: 01/16/07 16:50 **Received:** 01/17/07 13:45

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	01/23/07	01/22/07 07:11	1/23/2007 10:15
EPA 300.0	02/13/07	02/05/07 23:47	2/6/2007 07:31
EPA 325.3	02/13/07	01/27/07 08:27	1/27/2007 10:23
EPA 6010B	07/15/07	01/18/07 09:21	1/19/2007 12:58
EPA 6020	07/15/07	01/26/07 15:26	2/1/2007 12:33
EPA 7470A	02/13/07	01/29/07 16:30	1/30/2007 14:01
EPA 8260B	01/30/07	01/18/07 07:21	1/19/2007 04:03
SM 2320B	01/30/07	01/29/07 07:58	1/29/2007 13:27

Client ID: 4116-MW-8 **Lab ID:** C700844-02

Sampled: 01/16/07 17:05 **Received:** 01/17/07 13:45

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	01/23/07	01/22/07 07:11	1/23/2007 10:15
EPA 300.0	02/13/07	02/05/07 23:47	2/6/2007 07:36
EPA 325.3	02/13/07	01/27/07 08:27	1/27/2007 10:23
EPA 6010B	07/15/07	01/18/07 09:21	1/19/2007 13:05
EPA 6020	07/15/07	01/26/07 15:26	2/1/2007 12:35
EPA 7470A	02/13/07	01/29/07 16:30	1/30/2007 14:03
EPA 8260B	01/30/07	01/18/07 07:21	1/19/2007 04:29
SM 2320B	01/30/07	01/29/07 07:58	1/29/2007 13:27

SAMPLE DETECTION SUMMARY

Client ID: 4116-MW7S	Lab ID: C700844-01	NC SWS		
Analyte	**Results/Qual**	**RL**	**Units**	**Method**
Barium	210	100	ug/L	EPA 6010B
Chloride	4.0	NE	mg/L	EPA 325.3
Chromium	17.0	10	ug/L	EPA 6010B
Cobalt	3.9 J	10	ug/L	EPA 6010B
Copper	12.3	10	ug/L	EPA 6010B
Iron	16400	NE	ug/L	EPA 6010B
Lead	4.5 J	10	ug/L	EPA 6010B
Manganese	205	NE	ug/L	EPA 6010B
Nickel	17.2	50	ug/L	EPA 6010B
Sulfate as SO4	24.0		mg/L	EPA 300.0
Total Alkalinity	100		mg/L	SM 2320B
Total Dissolved Solids	236	NE	mg/L	EPA 160.1
Vanadium	34.4	25	ug/L	EPA 6010B
Zinc	48.1	10	ug/L	EPA 6010B

Client ID: 4116-MW-8	Lab ID: C700844-02	NC SWS		
Analyte	**Results/Qual**	**RL**	**Units**	**Method**
Barium	46.4	100	ug/L	EPA 6010B
Chloride	11.0	NE	mg/L	EPA 325.3
Iron	680	NE	ug/L	EPA 6010B
Manganese	204	NE	ug/L	EPA 6010B
Sulfate as SO4	13.6		mg/L	EPA 300.0
Total Alkalinity	170		mg/L	SM 2320B
Total Dissolved Solids	236	NE	mg/L	EPA 160.1
Zinc	7.4 J	10	ug/L	EPA 6010B

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ANALYTICAL REPORT

Sample ID:	4116-MW7S	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C700844-01	Work Order #:	C700844
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWS RL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20 U	0.20	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.20 U	0.20	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.30 U	0.30	1.0	3	ug/L
1,1,2-Trichloroethane	79-00-5	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.40 U	0.40	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.50 U	0.50	1.0	8	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.60 U	0.60	1.0	13	ug/L
1,2-Dibromoethane	106-93-4	0.40 U	0.40	1.0	3	ug/L
1,2-Dichlorobenzene	95-50-1	0.30 U	0.30	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.40 U	0.40	1.0	3	ug/L
1,2-Dichloropropane	78-87-5	0.20 U	0.20	1.0	3	ug/L
1,4-Dichlorobenzene	106-46-7	0.30 U	0.30	1.0	3	ug/L
2-Butanone	78-93-3	0.80 U	0.80	5.0	100	ug/L
2-Hexanone	591-78-6	0.50 U	0.50	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.80 U	0.80	5.0	100	ug/L
Acetone	67-64-1	1.2 U	1.2	5.0	100	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	5.0	200	ug/L
Benzene	71-43-2	0.20 U	0.20	1.0	3	ug/L
Bromochloromethane	74-97-5	0.50 U	0.50	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.20 U	0.20	0.40	3	ug/L
Bromoform	75-25-2	0.30 U	0.30	1.0	3	ug/L
Bromomethane	74-83-9	0.60 U	0.60	1.0	10	ug/L
Carbon disulfide	75-15-0	0.30 U	0.30	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.20 U	0.20	1.0	5.5	ug/L
Chlorobenzene	108-90-7	0.30 U	0.30	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.40 U	0.40	1.0	5	ug/L
Chloromethane	74-87-3	0.20 U	0.20	1.0	5.5	ug/L
cis-1,2-Dichloroethene	156-59-2	0.20 U	0.20	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	5.5	ug/L
Dibromochloromethane	124-48-1	0.30 U	0.30	1.0	3	ug/L
Dibromomethane	74-95-3	0.30 U	0.30	1.0	10	ug/L
Ethylbenzene	100-41-4	0.10 U	0.10	1.0	5	ug/L
Iodomethane	74-88-4	0.80 U	0.80	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.30 U	0.30	2.0	NE	ug/L
Methylene chloride	75-09-2	0.40 U	0.40	2.0	5.5	ug/L
o-Xylene	95-47-6	0.20 U	0.20	1.0	NE	ug/L
Styrene	100-42-5	0.10 U	0.10	1.0	10	ug/L
Tetrachloroethene	127-18-4	0.90 U	0.90	1.0	3	ug/L

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ANALYTICAL REPORT

Sample ID:	4116-MW7S	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C700844-01	Work Order #:	C700844
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWS RL	Units
Toluene	108-88-3	0.20 U	0.20	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	0.40 U	0.40	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	5.5	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.50 U	0.50	1.0	100	ug/L
Trichloroethene	79-01-6	0.40 U	0.40	1.0	3	ug/L
Trichlorofluoromethane	75-69-4	0.20 U	0.20	1.0	5	ug/L
Vinyl acetate	108-05-4	1.0 U	1.0	2.0	50	ug/L
Vinyl chloride	75-01-4	0.30 U	0.30	1.0	5.5	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	54	50.0	109 %	70-130
Dibromofluoromethane	1868-53-7	39	50.0	78 %	73-138
Toluene-d8	2037-26-5	49	50.0	98 %	77-118

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ANALYTICAL REPORT

Sample ID: 4116-MW7S
Lab #: C700844-01

Project: WCA of High Point, LLC - Ind. Parameters
Work Order #: C700844
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWS RL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	0.58 U	0.58	2.00	6	ug/L	EPA 6020	EPA 200.8	7A26033
Arsenic	7440-38-2	2.0 U	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Barium	7440-39-3	**210**	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7A18010
Beryllium	7440-41-7	0.70 U	0.70	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Cadmium	7440-43-9	0.50 U	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Chromium	7440-47-3	**17.0**	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Cobalt	7440-48-4	**3.9** J	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Copper	7440-50-8	**12.3**	0.60	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Iron	7439-89-6	**16400**	20	50	NE	ug/L	EPA 6010B	EPA 3005A	7A18010
Lead	7439-92-1	**4.5** J	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Manganese	7439-96-5	**205**	1.4	10.0	NE	ug/L	EPA 6010B	EPA 3005A	7A18010
Mercury	7439-97-6	0.11 U	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7A29033
Nickel	7440-02-0	**17.2**	2.0	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Selenium	7782-49-2	2.0 U	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Silver	7440-22-4	2.0 U	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Thallium	7440-28-0	0.044 U	0.044	0.050	5.5	ug/L	EPA 6020	EPA 200.8	7A26033
Vanadium	7440-62-2	**34.4**	1.0	10.0	25	ug/L	EPA 6010B	EPA 3005A	7A18010
Zinc	7440-66-6	**48.1**	1.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010

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ANALYTICAL REPORT

Sample ID: 4116-MW7S
Lab #: C700844-01

Project: WCA of High Point, LLC - Ind. Parameters
Work Order #: C700844
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWS RL	Units	Analysis Method	Prep Method	Analytical Batch
Chloride	16887-00-6	**4.0**	1.0	1.0	NE	mg/L	EPA 325.3	NO PREP	7A27002
Sulfate as SO4	14808-79-8	**24.0**	0.60	5.00		mg/L	EPA 300.0	NO PREP	7B05026
Total Alkalinity	NA	**100**	2.0	2.0		mg/L	SM 2320B	NO PREP	7A29005
Total Dissolved Solids	NA	**236**	10	10	NE	mg/L	EPA 160.1	NO PREP	7A22004

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ANALYTICAL REPORT

Sample ID:	4116-MW-8	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C700844-02	Work Order #:	C700844
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWS RL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20 U	0.20	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	0.20 U	0.20	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.30 U	0.30	1.0	3	ug/L
1,1,2-Trichloroethane	79-00-5	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	0.40 U	0.40	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	0.40 U	0.40	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	0.50 U	0.50	1.0	8	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	0.60 U	0.60	1.0	13	ug/L
1,2-Dibromoethane	106-93-4	0.40 U	0.40	1.0	3	ug/L
1,2-Dichlorobenzene	95-50-1	0.30 U	0.30	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	0.40 U	0.40	1.0	3	ug/L
1,2-Dichloropropane	78-87-5	0.20 U	0.20	1.0	3	ug/L
1,4-Dichlorobenzene	106-46-7	0.30 U	0.30	1.0	3	ug/L
2-Butanone	78-93-3	0.80 U	0.80	5.0	100	ug/L
2-Hexanone	591-78-6	0.50 U	0.50	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	0.80 U	0.80	5.0	100	ug/L
Acetone	67-64-1	1.2 U	1.2	5.0	100	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	5.0	200	ug/L
Benzene	71-43-2	0.20 U	0.20	1.0	3	ug/L
Bromochloromethane	74-97-5	0.50 U	0.50	1.0	3	ug/L
Bromodichloromethane	75-27-4	0.20 U	0.20	0.40	3	ug/L
Bromoform	75-25-2	0.30 U	0.30	1.0	3	ug/L
Bromomethane	74-83-9	0.60 U	0.60	1.0	10	ug/L
Carbon disulfide	75-15-0	0.30 U	0.30	5.0	100	ug/L
Carbon tetrachloride	56-23-5	0.20 U	0.20	1.0	5.5	ug/L
Chlorobenzene	108-90-7	0.30 U	0.30	1.0	3	ug/L
Chloroethane	75-00-3	0.40 U	0.40	1.0	10	ug/L
Chloroform	67-66-3	0.40 U	0.40	1.0	5	ug/L
Chloromethane	74-87-3	0.20 U	0.20	1.0	5.5	ug/L
cis-1,2-Dichloroethene	156-59-2	0.20 U	0.20	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	5.5	ug/L
Dibromochloromethane	124-48-1	0.30 U	0.30	1.0	3	ug/L
Dibromomethane	74-95-3	0.30 U	0.30	1.0	10	ug/L
Ethylbenzene	100-41-4	0.10 U	0.10	1.0	5	ug/L
Iodomethane	74-88-4	0.80 U	0.80	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.30 U	0.30	2.0	NE	ug/L
Methylene chloride	75-09-2	0.40 U	0.40	2.0	5.5	ug/L
o-Xylene	95-47-6	0.20 U	0.20	1.0	NE	ug/L
Styrene	100-42-5	0.10 U	0.10	1.0	10	ug/L
Tetrachloroethene	127-18-4	0.90 U	0.90	1.0	3	ug/L

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ANALYTICAL REPORT

Sample ID:	4116-MW-8	Project:	WCA of High Point, LLC - Ind. Parameters
Lab #:	C700844-02	Work Order #:	C700844
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	01/19/07 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	7A18002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWS RL	Units
Toluene	108-88-3	0.20 U	0.20	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	0.40 U	0.40	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	5.5	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.50 U	0.50	1.0	100	ug/L
Trichloroethene	79-01-6	0.40 U	0.40	1.0	3	ug/L
Trichlorofluoromethane	75-69-4	0.20 U	0.20	1.0	5	ug/L
Vinyl acetate	108-05-4	1.0 U	1.0	2.0	50	ug/L
Vinyl chloride	75-01-4	0.30 U	0.30	1.0	5.5	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	55	50.0	111 %	70-130
Dibromofluoromethane	1868-53-7	40	50.0	80 %	73-138
Toluene-d8	2037-26-5	48	50.0	97 %	77-118

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ANALYTICAL REPORT

Sample ID: 4116-MW-8
Lab #: C700844-02

Project: WCA of High Point, LLC - Ind. Parameters
Work Order #: C700844
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWS RL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	0.58 U	0.58	2.00	6	ug/L	EPA 6020	EPA 200.8	7A26033
Arsenic	7440-38-2	2.0 U	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Barium	7440-39-3	**46.4**	0.20	10.0	100	ug/L	EPA 6010B	EPA 3005A	7A18010
Beryllium	7440-41-7	0.70 U	0.70	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Cadmium	7440-43-9	0.50 U	0.50	1.00	1	ug/L	EPA 6010B	EPA 3005A	7A18010
Chromium	7440-47-3	2.0 U	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Cobalt	7440-48-4	2.0 U	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Copper	7440-50-8	0.60 U	0.60	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Iron	7439-89-6	**680**	20	50	NE	ug/L	EPA 6010B	EPA 3005A	7A18010
Lead	7439-92-1	2.0 U	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Manganese	7439-96-5	**204**	1.4	10.0	NE	ug/L	EPA 6010B	EPA 3005A	7A18010
Mercury	7439-97-6	0.11 U	0.11	0.20	0.2	ug/L	EPA 7470A	EPA 7470A	7A29033
Nickel	7440-02-0	2.0 U	2.0	10.0	50	ug/L	EPA 6010B	EPA 3005A	7A18010
Selenium	7782-49-2	2.0 U	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Silver	7440-22-4	2.0 U	2.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010
Thallium	7440-28-0	0.044 U	0.044	0.050	5.5	ug/L	EPA 6020	EPA 200.8	7A26033
Vanadium	7440-62-2	1.0 U	1.0	10.0	25	ug/L	EPA 6010B	EPA 3005A	7A18010
Zinc	7440-66-6	**7.4** J	1.0	10.0	10	ug/L	EPA 6010B	EPA 3005A	7A18010

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ANALYTICAL REPORT

Sample ID: 4116-MW-8
Lab #: C700844-02

Project: WCA of High Point, LLC - Ind. Parameters
Work Order #: C700844
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	NC SWS RL	Units	Analysis Method	Prep Method	Analytical Batch
Chloride	16887-00-6	**11.0**	1.0	1.0	NE	mg/L	EPA 325.3	NO PREP	7A27002
Sulfate as SO4	14808-79-8	**13.6**	0.60	5.00		mg/L	EPA 300.0	NO PREP	7B05026
Total Alkalinity	NA	**170**	2.0	2.0		mg/L	SM 2320B	NO PREP	7A29005
Total Dissolved Solids	NA	**236**	10	10	NE	mg/L	EPA 160.1	NO PREP	7A22004

QUALITY CONTROL

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

Volatile Organic Compounds by GCMS - Quality Control

Batch 7A18002 - EPA 5030B_MS

Blank (7A18002-BLK1) Prepared: 01/18/2007 07:21 Analyzed: 01/18/2007 21:10

Acetone	1.2 U	5.0	ug/L
Acrylonitrile	1.7 U	5.0	ug/L
Benzene	0.20 U	1.0	ug/L
2-Butanone	0.80 U	5.0	ug/L
2-Hexanone	0.50 U	5.0	ug/L
Iodomethane	0.80 U	2.0	ug/L
Tetrachloroethene	0.90 U	1.0	ug/L
4-Methyl-2-pentanone	0.80 U	5.0	ug/L
Bromochloromethane	0.50 U	1.0	ug/L
Trichloroethene	0.40 U	1.0	ug/L
Bromodichloromethane	0.20 U	0.40	ug/L
Bromoform	0.30 U	1.0	ug/L
Bromomethane	0.60 U	1.0	ug/L
Carbon disulfide	0.30 U	5.0	ug/L
Carbon tetrachloride	0.20 U	1.0	ug/L
Chlorobenzene	0.30 U	1.0	ug/L
Chloroethane	0.40 U	1.0	ug/L
Chloroform	0.40 U	1.0	ug/L
Chloromethane	0.20 U	1.0	ug/L
Dibromochloromethane	0.30 U	1.0	ug/L
1,2-Dibromo-3-chloropropane	0.60 U	1.0	ug/L
1,2-Dibromoethane	0.40 U	1.0	ug/L
Dibromomethane	0.30 U	1.0	ug/L
1,2-Dichlorobenzene	0.30 U	1.0	ug/L
1,4-Dichlorobenzene	0.30 U	1.0	ug/L
trans-1,4-Dichloro-2-butene	0.50 U	1.0	ug/L
1,1-Dichloroethane	0.40 U	1.0	ug/L
1,2-Dichloroethane	0.40 U	1.0	ug/L
1,1-Dichloroethene	0.40 U	1.0	ug/L
cis-1,2-Dichloroethene	0.20 U	1.0	ug/L
trans-1,2-Dichloroethene	0.40 U	1.0	ug/L
1,2-Dichloropropane	0.20 U	1.0	ug/L
cis-1,3-Dichloropropene	0.20 U	0.20	ug/L
trans-1,3-Dichloropropene	0.20 U	0.20	ug/L
Ethylbenzene	0.10 U	1.0	ug/L
Methylene chloride	0.40 U	2.0	ug/L
Styrene	0.10 U	1.0	ug/L
1,1,1,2-Tetrachloroethane	0.20 U	1.0	ug/L
1,1,2,2-Tetrachloroethane	0.30 U	1.0	ug/L
Toluene	0.20 U	1.0	ug/L
1,1,1-Trichloroethane	0.20 U	1.0	ug/L
1,1,2-Trichloroethane	0.40 U	1.0	ug/L
Trichlorofluoromethane	0.20 U	1.0	ug/L
1,2,3-Trichloropropane	0.50 U	1.0	ug/L
Vinyl acetate	1.0 U	2.0	ug/L

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 7A18002 - EPA 5030B_MS										
Blank (7A18002-BLK1) Continued				Prepared: 01/18/2007 07:21 Analyzed: 01/18/2007 21:10						
Vinyl chloride	0.30 U	1.0	ug/L							
m,p-Xylenes	0.30 U	2.0	ug/L							
o-Xylene	0.20 U	1.0	ug/L							
LCS (7A18002-BS1)				Prepared: 01/18/2007 07:21 Analyzed: 01/18/2007 18:08						
Benzene	19	1.0	ug/L	20.0		97	69-115			
Trichloroethene	20	1.0	ug/L	20.0		102	74-118			
Chlorobenzene	19	1.0	ug/L	20.0		94	76-118			
1,1-Dichloroethene	18	1.0	ug/L	20.0		88	64-139			
Toluene	18	1.0	ug/L	20.0		89	77-117			
Matrix Spike (7A18002-MS1)		**Source: C605135-02**		Prepared: 01/18/2007 07:21 Analyzed: 01/18/2007 18:34						
Benzene	18	1.0	ug/L	20.0	0.20 U	92	53-150			
Trichloroethene	20	1.0	ug/L	20.0	0.40 U	99	64-124			
Chlorobenzene	18	1.0	ug/L	20.0	0.30 U	90	44-128			
1,1-Dichloroethene	19	1.0	ug/L	20.0	0.40 U	96	36-177			
Toluene	18	1.0	ug/L	20.0	0.20 U	88	40-161			
Matrix Spike Dup (7A18002-MSD1)		**Source: C605135-02**		Prepared: 01/18/2007 07:21 Analyzed: 01/18/2007 19:02						
Benzene	19	1.0	ug/L	20.0	0.20 U	95	53-150	4	23	
Trichloroethene	20	1.0	ug/L	20.0	0.40 U	100	64-124	0.2	25	
Chlorobenzene	19	1.0	ug/L	20.0	0.30 U	96	44-128	6	22	
1,1-Dichloroethene	18	1.0	ug/L	20.0	0.40 U	91	36-177	4	30	
Toluene	19	1.0	ug/L	20.0	0.20 U	93	40-161	6	23	
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 7A18010 - EPA 3005A										
Blank (7A18010-BLK1)				Prepared: 01/18/2007 09:21 Analyzed: 01/19/2007 09:48						
Arsenic	2.4 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	4.00 J	10.0	ug/L							
LCS (7A18010-BS1)				Prepared: 01/18/2007 09:21 Analyzed: 01/19/2007 09:55						
Arsenic	1060	10.0	ug/L	1000		106	82-117			
Barium	1040	10.0	ug/L	1000		104	72-125			
Beryllium	540	1.00	ug/L	500		108	75-121			

QUALITY CONTROL

Analyte	Result		MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes
Metals by EPA 6000/7000 Series Methods - Quality Control											
Batch 7A18010 - EPA 3005A											
LCS (7A18010-BS1) Continued					Prepared: 01/18/2007 09:21 Analyzed: 01/19/2007 09:55						
Cadmium	526		1.00	ug/L	500		105	72-120			
Chromium	1040		10.0	ug/L	1000		104	78-119			
Cobalt	1040		10.0	ug/L	1000		104	76-117			
Copper	522		10.0	ug/L	500		104	80-117			
Iron	10400		50	ug/L	10000		104	84-133			
Lead	1070		10.0	ug/L	1000		107	72-121			
Manganese	527		10.0	ug/L	500		105	76-123			
Nickel	1050		10.0	ug/L	1000		105	78-116			
Selenium	1100		10.0	ug/L	1000		110	82-127			
Silver	90.1		10.0	ug/L	100		90	80-128			
Vanadium	512		10.0	ug/L	500		102	78-117			
Zinc	1060		10.0	ug/L	1000		106	80-120			
Matrix Spike (7A18010-MS1)			**Source: C605135-02**		Prepared: 01/18/2007 09:21 Analyzed: 01/19/2007 10:13						
Arsenic	1060		10.0	ug/L	1000	2.5	106	64-126			
Barium	1210		10.0	ug/L	1000	187	103	74-119			
Beryllium	537		1.00	ug/L	500	0.70 U	107	70-131			
Cadmium	519		1.00	ug/L	500	0.50 U	104	68-121			
Chromium	1020		10.0	ug/L	1000	2.0 U	102	73-120			
Cobalt	1050		10.0	ug/L	1000	14.6	104	76-120			
Copper	517		10.0	ug/L	500	0.60 U	103	75-123			
Iron	13600		50	ug/L	10000	3410	102	48-144			
Lead	1060		10.0	ug/L	1000	2.0 U	106	68-126			
Manganese	6440		10.0	ug/L	500	6160	55	55-146			
Nickel	1040		10.0	ug/L	1000	2.0 U	104	64-126			
Selenium	1070		10.0	ug/L	1000	2.0 U	107	65-129			
Silver	90.0		10.0	ug/L	100	2.0 U	90	69-121			
Vanadium	468		10.0	ug/L	500	1.0 U	94	71-130			
Zinc	1040		10.0	ug/L	1000	4.00	104	63-131			
Matrix Spike Dup (7A18010-MSD1)			**Source: C605135-02**		Prepared: 01/18/2007 09:21 Analyzed: 01/19/2007 10:20						
Arsenic	1060		10.0	ug/L	1000	2.5	106	64-126	0.2	12	
Barium	1200		10.0	ug/L	1000	187	102	74-119	0.9	11	
Beryllium	535		1.00	ug/L	500	0.70 U	107	70-131	0.4	21	
Cadmium	518		1.00	ug/L	500	0.50 U	104	68-121	0.2	12	
Chromium	1010		10.0	ug/L	1000	2.0 U	101	73-120	0.5	10	
Cobalt	1050		10.0	ug/L	1000	14.6	103	76-120	0.4	17	
Copper	515		10.0	ug/L	500	0.60 U	103	75-123	0.4	16	
Iron	13500		50	ug/L	10000	3410	101	48-144	0.8	23	
Lead	1060		10.0	ug/L	1000	2.0 U	106	68-126	0.2	19	
Manganese	6310	QM-05	10.0	ug/L	500	6160	29	55-146	2	19	QM-05
Nickel	1030		10.0	ug/L	1000	2.0 U	103	64-126	0.3	12	
Selenium	1080		10.0	ug/L	1000	2.0 U	108	65-129	0.8	10	
Silver	91.4		10.0	ug/L	100	2.0 U	91	69-121	2	12	
Vanadium	467		10.0	ug/L	500	1.0 U	93	71-130	0.2	16	
Zinc	1040		10.0	ug/L	1000	4.00	104	63-131	0	24	

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 7A26033 - EPA 200.8										
Blank (7A26033-BLK1)				Prepared: 01/26/2007 15:26 Analyzed: 02/01/2007 11:41						
Antimony	0.58 U	2.00	ug/L							
Thallium	0.044 U	0.050	ug/L							
LCS (7A26033-BS1)				Prepared: 01/26/2007 15:26 Analyzed: 02/01/2007 11:56						
Antimony	55.6	2.00	ug/L	50.0		111	80-120			
Thallium	51.5	0.050	ug/L	50.0		103	80-120			
Matrix Spike (7A26033-MS1)		**Source: C605135-02**		Prepared: 01/26/2007 15:26 Analyzed: 02/01/2007 11:58						
Antimony	62.2	2.00	ug/L	50.0	0.58 U	124	70-130			
Thallium	52.8	0.050	ug/L	50.0	0.0480	106	70-130			
Matrix Spike Dup (7A26033-MSD1)		**Source: C605135-02**		Prepared: 01/26/2007 15:26 Analyzed: 02/01/2007 12:01						
Antimony	63.9	2.00	ug/L	50.0	0.58 U	128	70-130	3	20	
Thallium	53.5	0.050	ug/L	50.0	0.0480	107	70-130	1	20	
Batch 7A29033 - EPA 7470A										
Blank (7A29033-BLK1)				Prepared: 01/29/2007 16:30 Analyzed: 01/30/2007 12:49						
Mercury	0.11 U	0.20	ug/L							
LCS (7A29033-BS1)				Prepared: 01/29/2007 16:30 Analyzed: 01/30/2007 12:51						
Mercury	5.24	0.20	ug/L	5.00		105	87-123			
Matrix Spike (7A29033-MS1)		**Source: C605135-02**		Prepared: 01/29/2007 16:30 Analyzed: 01/30/2007 12:56						
Mercury	4.96	0.20	ug/L	5.00	0.11 U	99	63-132			
Matrix Spike Dup (7A29033-MSD1)		**Source: C605135-02**		Prepared: 01/29/2007 16:30 Analyzed: 01/30/2007 12:59						
Mercury	4.78	0.20	ug/L	5.00	0.11 U	96	63-132	4	10	
Post Spike (7A29033-PS1)		**Source: C605135-02**		Prepared: 01/29/2007 16:30 Analyzed: 01/30/2007 13:01						
Mercury	4.57	0.20	ug/L	5.00	-0.10	93	85-115			
Classical Chemistry Parameters - Quality Control										
Batch 7A22004 - NO PREP										
Blank (7A22004-BLK1)				Prepared: 01/22/2007 07:11 Analyzed: 01/23/2007 10:15						
Total Dissolved Solids	10 U	10	mg/L							
LCS (7A22004-BS1)				Prepared: 01/22/2007 07:11 Analyzed: 01/23/2007 10:15						
Total Dissolved Solids	286	10	mg/L	300		95	90-110			
Duplicate (7A22004-DUP1)		**Source: C700844-02**		Prepared: 01/22/2007 07:11 Analyzed: 01/23/2007 10:15						
Total Dissolved Solids	214	10	mg/L		236			10	10	
Batch 7A27002 - NO PREP										
Blank (7A27002-BLK1)				Prepared: 01/27/2007 08:27 Analyzed: 01/27/2007 10:23						
Chloride	1.0 U	1.0	mg/L							
LCS (7A27002-BS1)				Prepared: 01/27/2007 08:27 Analyzed: 01/27/2007 10:23						
Chloride	49.0	1.0	mg/L	50.0		98	86-122			
Matrix Spike (7A27002-MS1)		**Source: C605135-02**		Prepared: 01/27/2007 08:27 Analyzed: 01/27/2007 10:23						
Chloride	64.0	1.0	mg/L	50.0	13.0	102	83-139			
Matrix Spike Dup (7A27002-MSD1)		**Source: C605135-02**		Prepared: 01/27/2007 08:27 Analyzed: 01/27/2007 10:23						
Chloride	63.0	1.0	mg/L	50.0	13.0	100	83-139	2	12	
Batch 7A29005 - NO PREP										

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes
Classical Chemistry Parameters - Quality Control										
Batch 7A29005 - NO PREP										
Blank (7A29005-BLK1)				Prepared: 01/29/2007 07:58 Analyzed: 01/29/2007 13:27						
Total Alkalinity	2.0 U	2.0	mg/L							
LCS (7A29005-BS1)				Prepared: 01/29/2007 07:58 Analyzed: 01/29/2007 13:27						
Total Alkalinity	120	2.0	mg/L	125		96	89-123			
Matrix Spike (7A29005-MS1)		**Source: C700031-05**		Prepared: 01/29/2007 07:58 Analyzed: 01/29/2007 13:27						
Total Alkalinity	120	2.0	mg/L	125	2.0 U	100	73-126			
Matrix Spike Dup (7A29005-MSD1)		**Source: C700031-05**		Prepared: 01/29/2007 07:58 Analyzed: 01/29/2007 13:27						
Total Alkalinity	120	2.0	mg/L	125	2.0 U	98	73-126	2	11	
Batch 7B05026 - NO PREP										
Blank (7B05026-BLK1)				Prepared: 02/05/2007 23:47 Analyzed: 02/06/2007 02:22						
Sulfate as SO4	2.25 J	5.00	mg/L							
LCS (7B05026-BS1)				Prepared: 02/05/2007 23:47 Analyzed: 02/06/2007 02:27						
Sulfate as SO4	18.9	5.00	mg/L	20.0		94	80-120			
Matrix Spike (7B05026-MS1)		**Source: C605135-03**		Prepared: 02/05/2007 23:47 Analyzed: 02/06/2007 06:13						
Sulfate as SO4	22.0 QM-05	5.00	mg/L	20.0	7.03	75	80-120			QM-05
Matrix Spike Dup (7B05026-MSD1)		**Source: C605135-03**		Prepared: 02/05/2007 23:47 Analyzed: 02/06/2007 06:17						
Sulfate as SO4	28.8	5.00	mg/L	20.0	7.03	109	80-120	27	10	

NOTES AND DEFINITIONS

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
U	Analyte included in the analysis, but not detected

LABORATORY CERTIFICATION SUMMARY

Analysis	Matrix	Cert ID	Cert Number
8260B Appendix 1	Water	NC	591
Alkalinity SM 2320B	Water	NC	591
Antimony Total EPA 6020	Water	NC	591
Arsenic Total EPA 6010B	Water	NC	591
Barium Total EPA 6010B	Water	NC	591
Beryllium Total EPA 6010B	Water	NC	591
Cadmium Total EPA 6010B	Water	NC	591
Chloride 325.3	Water	NC	591
Chromium Total EPA 6010B	Water	NC	591
Cobalt Total EPA 6010B	Water	NC	591
Copper Total EPA 6010B	Water	NC	591
Iron Total EPA 6010B	Water	NC	591
Lead Total EPA 6010B	Water	NC	591
Manganese Total EPA 6010B	Water	NC	591
Mercury Total EPA 7470A	Water	NC	591
Nickel Total EPA 6010B	Water	NC	591
Selenium Total EPA 6010B	Water	NC	591
Silver Total EPA 6010B	Water	NC	591
TDS 160.1	Water	NC	591
Thallium Total EPA 6020	Water	NC	591
Vanadium Total EPA 6010B	Water	NC	591
Zinc Total EPA 6010B	Water	NC	591

WORK ORDER

Printed: 2/7/2007 2:37:33PM

C700844

ENCO Cary

Sample Receipt Conditions

Client: Golder Associates, Inc. (GO007)	**Lab Project Mgr:** Chuck Smith
Project: WCA of High Point, LLC - Ind. Parameters	**Project Number:** 536692.300
PO #:	

Report To:
Golder Associates, Inc. (GO007)
Rachel Kirkman
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:	John W. Lowther	Date Received:	17-Jan-07 13:45
Logged In By:	John W. Lowther	Date Logged In:	17-Jan-07 13:45

Work Order Comments:

Default Cooler received at 2.3°C

Containers Intact	Y	Containers Properly Preserved	Y	Proper Containers Received	Y	All Samples in PreLog Received	N	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

QSARF #_____

ENVIRONMENTAL CONSERVATION LABORATORIES

4810 Executive Park Court, Suite 211
Jacksonville, Florida 32216-6069
Ph. (904) 296-3007 • Fax (904) 296-6210

10207 General Drive
Orlando, Florida 32824-8529
Ph. (407) 826-5314 • Fax (407) 850-6945

1015 Passport Way
Cary, North Carolina 27513
Ph. (919) 677-1669 • Fax (919) 677-9846

ENCO CompQAP No.: 960038G/0

CHAIN OF CUSTODY RECORD

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
WCA of High Point, LLC	0536692.300	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE / FAX
NC	D. Reedy / W. Jappe	PHONE 336-852-4903 FAX 336-852-4904

CLIENT NAME	CLIENT PROJECT MANAGER
Golder Associates NC Inc.	Rachel Kirkman

CLIENT ADDRESS (CITY, STATE, ZIP)
4900 Koger Blvd. Suite 140
Greensboro, NC 27407

PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

STATION	DATE	TIME	GRAB	COMP	SAMPLE IDENTIFICATION	SURFACE WATER	GROUND WATER	WASTEWATER	DRINKING WATER	SOIL/SOLID/SEDIMENT	NONAQUEOUS LIQUID (oil, solvent, etc.)	AIR	SLUDGE	OTHER	8260B	Appendix I As, Ba, Be, Cd, Co, Cr, Cu, Fe, Hg, Mn, Ni, Pb, Sb, Se, Tl, V, Zn	Alkalinity 310.2	Sulfate SM4500 SO4E	Chloride 325.3	TDS 160.1					REMARKS
															PRESERVATIVE										
															NUMBER OF CONTAINERS SUBMITTED										
1	1-16-07	1650	X		4116-MW-7S		X								X	X	X	X	X						
2	1-16-07	1705	X		4116-MW-8		X								X	X	X	X	X						
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									

SAMPLE KIT PREPARED BY: ☐JACKSONVILLE ☐ORLANDO ☑ Cary	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
RELINQUISHED BY: (SIGNATURE) [signature]	DATE 1-16-07	TIME 1900	RECEIVED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE) [signature]	DATE 1/17/07	TIME 1030

RECEIVED FOR LABORATORY BY: (SIGNATURE) ☐ Jacksonville ☐ Orlando	DATE	TIME	CUSTODY INTACT ☐ YES ☐ NO	ENCO LOG NO.	REMARKS Provide a Level 2 data report. Unit rates per "Basic Ordering Agreement for Laboratory Services" dated April 9, 2004 & 2006 ENCO MSA Price List. Estimated Fee = $2604.00 (sum of Bottle Prices)

LOA per Rachel Kirkman [signature] for Rachel Kirkman Approved By: [signature]

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

Project Name: WCA of High Point C&D Landfill

Project Reference Number: 0536692007.100

Sampling Event Date: January 16, 2007

Review Date: February 13, 2007 *Initials:* WJ

Review Date: February 23, 2007 *Initials:* BD

Report #: C700844

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)

X NC Closed Facility/C & D List

___ NC Appendix I

___ NC Appendix I + Detects

___ NC Appendix II

___ NC Subtitle D Leachate List

Other: _____

1.0 CHAIN OF CUSTODY (COC) REVIEW

WJ BD COC was properly signed by all parties.

WJ BD Correct project name and number are on the form.

WJ BD Sample receipt condition at laboratory was acceptable.

WJ BD Each sample and blank submitted for analysis appears in the report.

Notes: _____

2.0 SAMPLE HOLDING TIMES

WJ BD 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
EPA Method 160.1	TDS	7 days
EPA Method 325.3	Chloride	28 days

3.0 LABORATORY QUALITY CONTROL REVIEW

WJ BD Laboratory analyzed at least one internal blank for each method, where applicable.

WJ BD Laboratory blank is interference-free.

Method Blank (7A18010-BLK1):

- ***Arsenic @ 2.4 µg/L (J)***
- ***Zinc @ 4.0 µg/L (J)***
-

Method Blank (7B05026-BLK1):

- ***Sulfate @ 2.25 µg/L (J)***

WJ BD Surrogate recoveries are provided for each analytical method, where applicable.

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

WJ BD MS/MSD/LCS data results are provided for each analytical method.

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

- ***The manganese MSD spike recovery for Matrix Spike Duplicate 7A18010-MSD1 was outside acceptance limits due to matrix interference. The LCS and MS were within acceptable limits showing that the laboratory control is present and that the data is acceptable.***
- ***The sulfate MS spike recovery for Matrix Spike 7B05026-MS1 was outside acceptance limits due to matrix interference. The LCS and MS were within acceptable limits showing that the laboratory control is present and that the data is acceptable.***

Notes: _____

4.0 ANALYTE LISTS/METHODS

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

WJ BD Proper EPA SW-846 analytical methods were used for analysis.

Notes: _____

5.0 DATA REPORTING

WJ BD All analytical reporting associated with the event was performed by the contracted lab.

WJ BD 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.

Field Blank:
- ***Barium @ 0.90 µg/L (J)***
- ***Zinc @ 10.0 µg/L***

Method Blanks:
- ***Arsenic @ 2.4 µg/L (J)***

- ***Zinc @ 4.0 µg/L (J)***
- ***Sulfate @ 2.25 µg/L (J)***

Note the detections of Arsenic in MW-2, MW-3, MW-4S, SW-2, and SW-3 need B-Flags!
Note the detections of Zinc in MW-1, MW-2, MW-3, MW-4S, MW-5, MW-6, SW-1, SW-2, SW-3, and SW-4 need B-Flags!

WJ BD 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.

WJ BD The report provides the reporting limit for each constituent.

WJ BD The results were reported at or below their proper reporting limits (e.g., NC Solid Waste Section approved QLs). 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.

WJ BD No inorganic and organic constituents were reported above their respective NC 2L Drinking Water Standards in wells, surface points, or field/equipment/trip blanks.

WJ BD 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).

***Note due to the new solid waste format, including lower QL's, the following was detected for the first time:**

- **Arsenic:** ***detected for first time in MW-2, MW-3, MW-4, SW-2, and SW-3***
- **Barium:** ***detected for first time in the Field Blank***
- **Chromium:** ***detected for first time in MW-1***
- **Cobalt:** ***detected for first time in MW-5, and MW-6***
- **Copper:** ***detected for first time in MW-4, SW-2, and SW-3***
- **Lead:** ***detected for first time in MW-6, SW-1, SW-2, and SW-4***
- **Nickel:** ***detected for first time in GW-1, and SW-4***
- **Thallium:** ***detected for first time in MW-2***
- **Vanadium:** ***detected for first time in MW-1, and MW-4***
- **Zinc:** ***detected for first time in MW-2, MW-3, MW-5, SW-3, and SW-4***

WJ BD Other report issues/Communications with laboratory/etc.:

Notes: _____

APPENDIX III

STATISTICAL EVALUATION WORKSHEETS

Project Name: WCA - High Point
Project No: 053-6692007
Date: 2/26/07

Analyte: Barium

Sample No.	Sample Date	Location	Concentration (ug/L)		Quantitation Limit (ug/L)
1	10/8/2003	MW-1	ND, QL = 500		500
2	1/23/2004	MW-1	ND, QL = 500		500
3	7/8/2004	MW-1	ND, QL = 500		500
4	1/25/2005	MW-1	ND, QL = 500		500
5	7/6/2005	MW-1	ND, QL = 500		500
6	1/9/2006	MW-1	ND, QL = 500		500
7	7/12/2006	MW-1	ND, QL = 500		500
8	1/16/2007	MW-1	141		100
9	1/16/2007	MW-7S	210		100
10	1/16/2007	MW-8	46.4		100

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

Nonparametric Prediction Interval: **210.00**

APPENDIX IV

GROUNDWATER MONITORING WELL MAINTENANCE RECORDS

GROUNDWATER MONITORING WELL MAINTENANCE RECORD

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

LOCATION: *MW-1* **DATE:** *January 16, 2007*

INSPECTOR: *D. Reedy/W. Jappe* **COMPANY:** *Golder Associates 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? *NO, Minor cracks*

3. Has surface water runoff undercut the concrete pad? *NO*

4. Is the outer casing still secure and locked? *YES, replaced old lock*

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? *NO*
   - 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 16, 2007*

INSPECTOR: *D. Reedy/W. Jappe* **COMPANY:** *Golder Associates 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? *NO*

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 16, 2007*

INSPECTOR: *D. Reedy/W.Jappe* **COMPANY:** *Golder Associates 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 16, 2007*

INSPECTOR: *D. Reedy/W. Jappe* **COMPANY:** *Golder Associates 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, lock tight, might need replacing*
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-4D* **DATE:** *January 16, 2007*

INSPECTOR: *D. Reedy/W. Jappe* **COMPANY:** *Golder Associates 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, lock tight, might need replacing*

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 16, 2007*

INSPECTOR: *D. Reedy/W. Jappe* **COMPANY:** *Golder Associates 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? *NO, tag is missing*

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

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

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 16, 2007*

INSPECTOR: *D. Reedy/W. Jappe* **COMPANY:** *Golder Associates 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? *NO, tag is missing*

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

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

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 16, 2007*

INSPECTOR: *D. Reedy/W. Jappe* **COMPANY:** *Golder Associates 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? *NA*

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 16, 2007*

INSPECTOR: *D. Reedy/W. Jappe* **COMPANY:** *Golder Associates Inc.*

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1. Is surface water diverted away from the well head? *NO, standing water around pad*

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