



PAT MCCRORY
Governor

DONALD R. VAN DER VAART
Secretary

MICHAEL SCOTT
Director

August 30, 2016

Mr. Cody Platt
Rome Facility and Senior Project Manager
Global Operations, Environmental, Health & Safety
General Electric
1935 Redmond Circle NW
Rome, GA 30165

Re: Remedial Investigation of Northwest Site Area
General Electric
3901 Castle Hayne Road
Wilmington, New Hanover County, NC
NCD050409150

Dear Mr. Platt:

The Inactive Hazardous Sites Branch (IHSB) appreciates your cooperation with the assessment activities taking place for the above referenced project. I have completed my review of Arcadis U.S., Inc.'s July 21, 2016 "Response to Comments on Remedial Investigation of Northwest Site Area" Report Northwest Site Area (July 21, 2016 Response), that was received on July 25, 2016. The comments were prepared in response to my April 28, 2016 letter requesting a draft Remedial Investigation Plan (Plan) for delineation of the groundwater contaminant plumes.

In summary, the July 21, 2016 Response indicates the following:

- The lateral extent of impacted groundwater north and northeast of monitor well OCW-2C is not fully defined.
- The contaminated groundwater plume is extensively defined from the source area to the beginning of the swamp area.
- Due to the upward vertical gradient within the swamp, it appears that extensive attenuation is occurring from the mixing of the upwelling groundwater and near surface swamp water.
- No human receptors are present between the known limits of impacted groundwater and Prince George Creek. The distance to Prince George Creek from the known impacted groundwater is approximately one mile through densely vegetated wetlands further bordered by the Cape Fear River.
- The area north/northeast of OCW-C contains thick undergrowth, downed trees and stumps, which are inaccessible with any type of drilling equipment. Extensive clearing and road construction would be needed to access the area, which would likely damage the wetland area and require extensive local/state and federal permitting.

- Recommendation to continue with the routine monitoring of groundwater conditions in accordance with the approved 1999 CAP and revisit the need for additional assessment if any significant change in groundwater concentrations are observed.

Please note that this Site is under the regulatory jurisdiction of the Inactive Hazardous Sites Branch and a Remedial Action Plan covering the entire property will need to be prepared once the Remedial Investigation for the main plant is completed. I will be sending further instruction regarding the remedial investigation for the main plant under separate cover. Further information and guidelines for assessment and cleanup under IHSB direction can be found at <http://deq.nc.gov/about/divisions/waste-management>.

Due to the inaccessibility of the terrain, additional sampling points within the swamp are not feasible. Therefore, your request to continue monitoring in this area of the Site is approved until the remedial investigation for the entire Site is completed. Continued monitoring of this area should be reevaluated as part of the feasibility study conducted when preparing the Remedial Action Plan.

If you have any questions, please contact me at your convenience at (910) 796-7411 or Susanne.Robbins@ncdenr.gov

Sincerely,

A handwritten signature in cursive script that reads "Sue Robbins".

Sue Robbins
Inactive Hazardous Sites Branch
Division of Waste Management, NCDEQ

cc: Matthew Pelton, Arcadis U.S., Inc., 801 Corporate Center Drive, Suite 300, Raleigh, NC 27607

Ms. Sue Robbins
North Carolina Department of Environmental Quality
Division of Waste Management
Wilmington Regional Office
127 Cardinal Drive Ext.
Wilmington, NC 28405-3845

Arcadis U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh
North Carolina 27607
Tel 919 854 1282
Fax 919 854 5448

Subject:

Response to Comments on Remedial Investigation of Northwest Site Area
General Electric Company
3901 Castle Hayne Road
Wilmington, New Hanover County, NC
NCD050409150

ENVIRONMENTAL

Date:

July 21, 2016

Contact:

Matthew T. Pelton, P.E.

Dear Ms. Robbins:

Phone:

919-415-2308

Email:

matthew.pelton@
arcadis.com

On behalf of General Electric Company (GE), this letter provides a response to your correspondence dated April 28, 2016 regarding the above referenced site and the recent remedial investigation (RI) and *Supplemental Remedial Investigation Report Northwest Site Area* (Report, RTI International [RTI], February 2016). As you know, the prior remedial investigation and reporting was performed by RTI. However, going forward Arcadis U.S., Inc. (Arcadis) will be managing further RI work related to this area.

Our ref:

AP013123

Based on your April 28th letter, we understand no further investigation is requested for any media other than groundwater in the Northwest Site Area. Your letter further indicates that there is concern for migration of VOCs in groundwater to the swamp area and requests a work plan for delineation. Regarding this request, GE has done a review of the historical data for this area and does not believe further investigation of groundwater in this area is practical or necessary for several technical reasons discussed below.

The Northwest Site Area has had extensive assessment and monitoring dating back to 1998. North of the GE property line are seven permanent monitor wells. The location of the wells is depicted on **Figure 3A** obtained from the Supplemental RI Report, and included in **Attachment 1** of this letter.

The monitor wells have been divided into three groups based on depth. The first group is shallow groundwater and includes monitor wells OSW-1A and OCW-4A with a total depth of 14 feet below land surface (ft bls) and 20 ft bls, respectively. The next group is intermediate groundwater with well depths ranging from 30 to 43 ft bls. Within this grouping are monitor wells OCW-1C, OCW-2C, OCW-3C and OCW-4B. The final group is deeper groundwater and contains a single monitor well OCW-5D with a total depth of 80 ft bls.

A review was conducted of the historical groundwater data for the wells to evaluate long term trends. The historical data was obtained from Appendix B of the *2015 Annual Water Monitoring Report Northwest Site Area* (RTI, March 2016) and is included as **Attachment 2** for reference. Due to the volume of data on this table, the wells of interest have been highlighted.

Shallow groundwater monitoring has been conducted on both OSW-1A and OCW-4A beginning in 1998. Monitoring in OCW-4A was terminated with DEQ approval in 2011 and currently continues in OSW-1A. A review of the historical groundwater data indicates the targeted constituents have predominately not been present above method reporting limits. Low levels of cis1,2-DCE are seen in OSW-1A, but are consistently well below groundwater standards.

Groundwater data from the intermediate zone indicates historical impacts in monitor well OCW-2C since installation in 1998. However, consistent with the approved monitored natural attenuation remedy presented in the 1999 CAP, there has been a steady decline in concentration over time such that TCE has not exceeded the groundwater standard of 3 micrograms per liter ($\mu\text{g/L}$) since 2013. Cis 1,2-DCE has not exceeded the groundwater standard of 70 $\mu\text{g/L}$ since 2007. Vinyl chloride concentrations have varied but currently average around 4 $\mu\text{g/L}$.

Adjacent intermediate monitor wells OCW-1C (monitored 1998-2011), OCW-3C (monitored 1998-2010) and OCW-4B (monitored 1998-2012) have generally reported results as not detectable for TCE, cis1,2-DCE and vinyl chloride. The only exceedance of a groundwater standard was a single detection of vinyl chloride at 1.21 $\mu\text{g/L}$ reported in well OCW-4B in February 2012, since that time all concentrations have been below standards.

The intermediate groundwater data indicates impacted groundwater is limited to the area surrounding monitor well OCW-2C. The absence of constituents over time in the adjacent wells with similar depths provides reasonable lateral delineation in this area.

Deeper groundwater has been monitored in well OCW-5D from 1998 to 2012. None of the data collected exceeded their respective groundwater standards during this time frame. This data provides confirmation deeper groundwater is not impacted.

In December 2015, five direct push borings (CB-32 through CB-36) were installed in a line parallel to and north of existing intermediate wells OCW-1C, OCW-2C and OCW-3C. The intent of the borings was to provide additional delineation. However due to wet conditions, the borings were moved south and were installed in relatively close proximity to the existing permanent wells. The location of the borings is depicted on the attached **Figure 3A**.

As reported in the Supplemental RI report, grab groundwater samples were collected from various depths within each of the borings. Two of the borings (CB-33 and CB-36) were shallow borings terminated at 15 ft bls and as expected did not contain indication of groundwater impacts.

Boring location CB-34 was located northeast of well OCW-3C and did not contain targeted constituents above method reporting limits down to a depth of 35 ft bls, which aligns well with historical data for OCW-3C.

Two borings (CB-32 and CB-35) were located north/northeast of monitor well OCW-2C. Both exhibit similar constituents to those seen in adjacent well OCW-2C (data table from the Supplemental RI Report provided in **Attachment 1** for reference). Some variation in concentrations were observed, however, this may be due to collection methods (grab sample versus permanent well). This data does align with the concept that impacted groundwater is in the general area of monitor well OCW-2C; based on the long-term data trends observed at OCW-2C, degradation of TCE and daughter products is naturally occurring in this zone and this would similarly be expected in the area of CB-32 and CB-35 over time. Therefore, additional delineation of the impacts in this area is not warranted.

Regarding vertical movement of groundwater, the RTI Supplemental RI indicated an upward vertical gradient within the swamp. This would be consistent with the swamp area serving as a discharge point for deeper groundwater. As none of the RTI near surface samples contained constituents of concern above standard, it is reasonable to expect extensive attenuation (e.g., dilution and degradation) may be occurring from the mixing of the upwelling groundwater and near surface swamp water. This is especially expected due to the size of the swamp area.

There are no human receptors present between the known limits of impacted groundwater and Prince George Creek, the nearest surface water body. The distance to Prince George Creek from the known impacted groundwater is approximately one mile through densely vegetated wetlands further bordered by the Cape Fear River, as shown on the attached **Figure 1** from the RTI Report. The concentrations seen adjacent to the site indicate impacted groundwater will likely never reach the creek due to distance combined with ongoing natural degradation mechanisms. In fact, groundwater monitoring conducted over nearly two decades indicates that the impacted groundwater migration is very limited and is currently only centered near OCW-2C.

Given the historical data and recent monitoring GE acknowledges that the lateral extent of impacted groundwater north and northeast of monitor well OCW-2C is not fully defined to below NCAC 2L standards. However, consistent with the monitored natural attenuation remedy, the concentrations of TCE and daughter products have attenuated to near 2L standards and are generally delineated by existing wells and recent hydropunch sampling.

Sampling within the swamp area is not necessary for the protection of human health and the environment and is simply not practical. The area north/northeast of OCW-2C contains thick undergrowth, downed trees and stumps which would make access with any type of drilling equipment extremely difficult and unsafe without extensive clearing and road construction. Clearing access to the swamp would likely damage a sensitive wetland area and require extensive local/state and federal permitting, including United States Army Corps of Engineers wetland disturbance permits.

Ms. Sue Robbins
July 21, 2016

Therefore, GE proposes to continue with routine monitoring of groundwater conditions in this area in accordance with the approved 1999 CAP, and with the program modifications recommended in the February 2016 Report. Groundwater concentration trends will continue to be monitored for changes over time. In the event a significant upward change in groundwater concentrations is observed, GE would revisit the need for additional assessment.

We would also be happy to conduct a site visit with you in person to view this area and review the access challenges if that would be helpful. Please do not hesitate to contact me or Cody Platt of GE at 706-291-3120 to further discuss this topic.

Sincerely,

Arcadis U.S., Inc.



Matthew T. Pelton, P.E.

Principal Engineer

Attachments:

Attachment 1 – Select Figures and Tables from Supplement RI Report
Attachment 2 – Table of Historical Groundwater Data from NW Site Area

Copies:

Cody Platt (GE)

Patrick Farr (Arcadis)

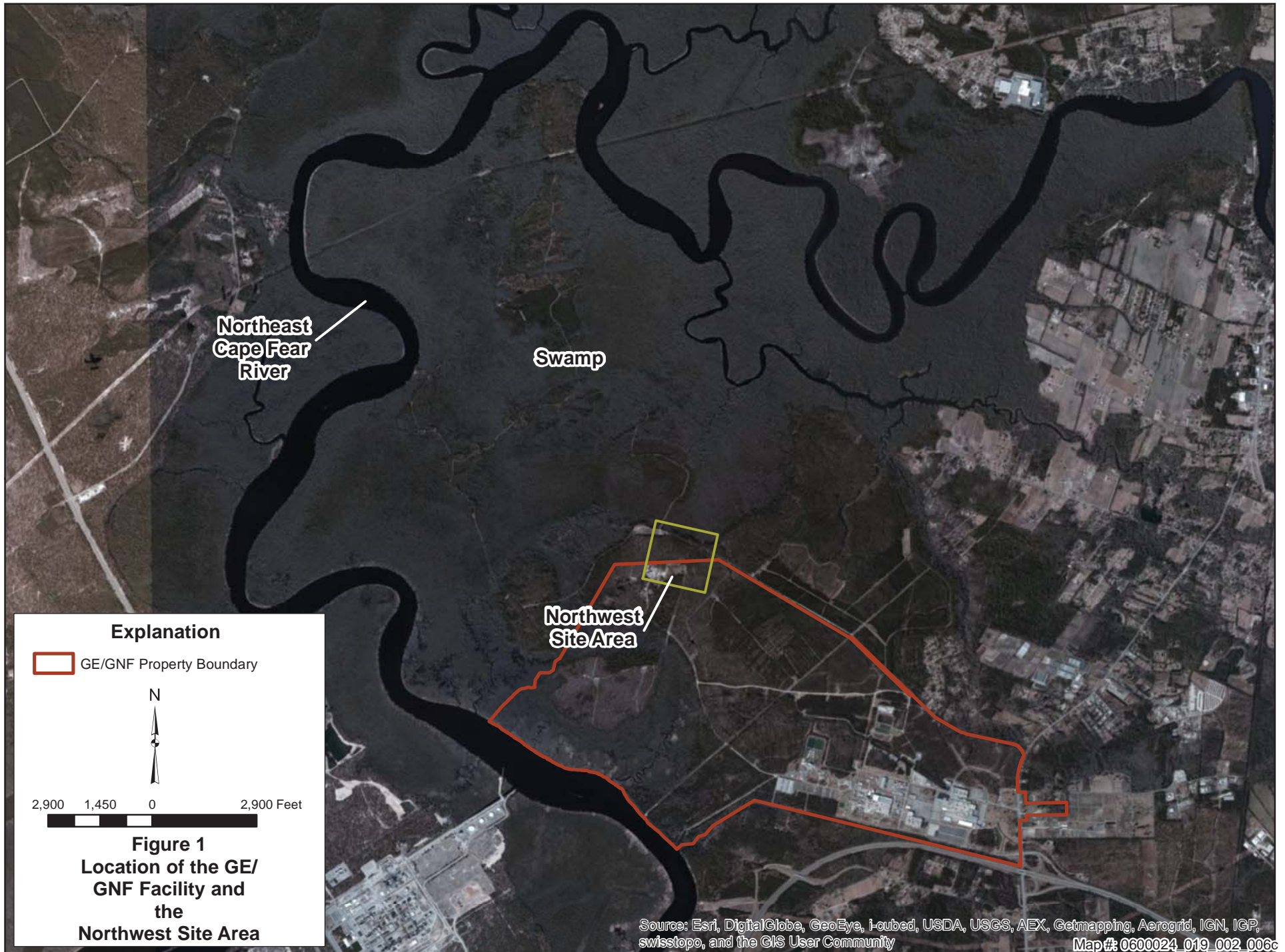
Walker Jones (AMEC Foster Wheeler)

Kim Charles-Smith (AMEC Foster Wheeler)



Attachment 1

Select Figures and Tables from
Supplemental RI Report



Explanation

 GE/GNF Property Boundary

N

2,900 1,450 0 2,900 Feet

Figure 1
**Location of the GE/
GNF Facility and
the
Northwest Site Area**

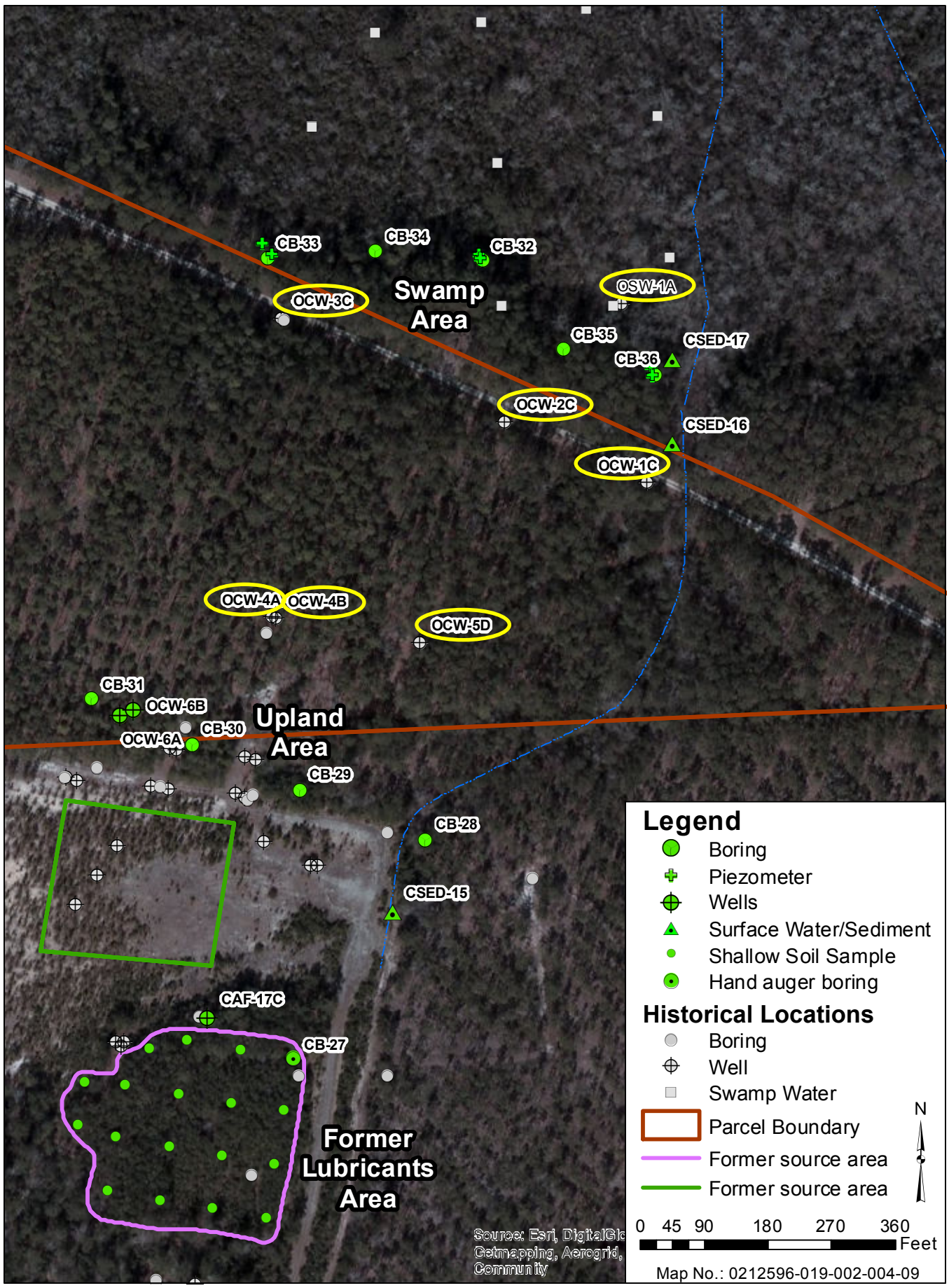


Figure 3A. Supplemental Assessment Sampling Locations - Northwest Site Area

Table 4. Results for Detected Organic Constituents in Groundwater from Swamp Borings

Chemical	Boring ID and Sample Depth																		2L Groundwater Standard		
	CB-32 5 ft	CB-32 10 ft	CB-32 15 ft	CB-32 25 ft	CB-32 31 ft	CB-33 5 ft	CB-33 15 ft	CB-34 5 ft	CB-34 10 ft	CB-34 15 ft	CB-34 25 ft	CB-34 35 ft	CB-35 5 ft	CB-35 10 ft	CB-35 15 ft	CB-35 25 ft	CB-35 35 ft	CB-36 5 ft		CB-36 15 ft	
Organics (µg/L)																					
Acetone	ND < 2.5 UJ	ND < 2.5	ND < 2.5	ND < 2.5 UJ	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	7.53	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	6.61	ND < 2.5	ND < 2.5	6,000	
Benzene	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	0.51	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	(0.39) Jr	ND < 0.5	ND < 0.5	1	
Chloroform	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	2.03	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	1.39	1.52	1.51	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	70	
1,1-Dichloroethane	ND < 0.5	ND < 0.5	ND < 0.5	1.09	(0.21) Jr	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	2.61	(0.26) Jr	(0.35) Jr	6	
1,1-Dichloroethylene	ND < 0.5	ND < 0.5	ND < 0.5	(0.33) Jr	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	0.59	1.03	ND < 0.5	ND < 0.5	350
cis-1,2-Dichloroethylene	ND < 0.5	59.7	110	216	2.52	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	0.87	(0.2) Jr	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	702	1,550	20.2	ND < 0.5	70
trans-1,2-Dichloroethylene	ND < 0.5	4.73	2.11	2.37	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	3.12	4.43	ND < 0.5	ND < 0.5	100
Dichloromethane	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	5
p-Dioxane	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	(3.33) Jr	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	3
Ethylbenzene	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	(0.24) Jr	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	600
p-Isopropyltoluene	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	0.84	ND < 0.5	ND < 0.5	NA
Methyl ethyl ketone	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	(1.49) Jr	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	ND < 2.5	4,000
Toluene	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	(0.3) Jr	0.82	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	0.66	0.62	ND < 0.5	ND < 0.5	600
Trichloroethylene	ND < 0.5	27	10.4	25	(0.25) Jr	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	3
Vinyl Chloride	ND < 0.5	ND < 0.5	0.75	0.85	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	577	87	(0.2) Jr	ND < 0.5	0.03
m,p-Xylenes	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	1.07	ND < 1	ND < 1	500
Total Xylenes	ND < 1.5	ND < 1.5	ND < 1.5	ND < 1.5	ND < 1.5	ND < 1.5	ND < 1.5	ND < 1.5	ND < 1.5	ND < 1.5	ND < 1.5	ND < 1.5	ND < 1.5	ND < 1.5	ND < 1.5	ND < 1.5	ND < 1.5	(1.07) Jr	ND < 1.5	ND < 1.5	500

*Note: Bold values exceed the groundwater standard. Blank cells represent no sample taken. ND = not detected

NC 2L = NC Class GA Groundwater Quality Standards, amendment effective 4/1/13 (15A NCAC 02L .0202[g]) and Interim Maximum Allowable Concentrations (IMACs) with effective dates through 7/16/12 (15A NCAC 02L .0202, Appendix #1).

Jl = reported concentration is approximate and probably biased towards lower values than the actual concentration of the analyte in the sample

Jr = analyte was positively identified above the method detection limit, but the reported numerical value is approximate because the detected concentration is below the practical quantitation limit

UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.



Attachment 2

Table of Historical Groundwater
from NW Site Area

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloro- ethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
CAF-8A	2/25/1997	ND 0.50	ND 0.50	ND 0.50
CAF-8A	5/12/1997	ND 0.50	ND 0.50	ND 0.50
CAF-8A	8/10/1998	ND 0.50	ND 0.50	ND 0.50
CAF-8A	11/10/1998	ND 0.50	ND 0.50	ND 0.50
CAF-8A	3/19/1999	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-8A	5/18/1999	ND 0.5	ND 0.5	ND 0.5
CAF-8A	8/16/1999	ND 0.5	ND 0.5	ND 0.5
CAF-8A	11/17/1999	ND 0.5	ND 0.5	ND 0.5
CAF-8A	2/14/2000	ND 0.5	ND 0.5	ND 0.5
CAF-8A	6/14/2000	ND 0.5	ND 0.5	ND 0.5
CAF-8A	8/2/2000	ND 0.5	ND 0.5	ND 0.5
CAF-8A	11/7/2000	ND 0.5	ND 0.5	ND 0.5
CAF-8A	4/19/2001	ND 0.5	ND 0.5	ND 0.5
CAF-8A	4/22/2002	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-8A	2/19/2003	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-8A	2/23/2004	ND 0.5	ND 0.5	ND 0.5
CAF-8A	5/11/2005	ND 0.5	ND 0.5	ND 0.5
CAF-8A	5/2/2006	ND 0.5	ND 0.5	ND 0.5
CAF-8A	3/28/2007	ND 0.5	ND 0.5	ND 0.5
CAF-8A	3/16/2010	ND 0.5	ND 0.5	ND 0.5
CAF-8A	4/18/2011	ND 0.5	ND 0.5	ND 0.5
CAF-8B	2/25/1997	1.23	32.0	ND 0.50
CAF-8B	5/12/1997	0.53	14.8	ND 0.50
CAF-8B	8/10/1998	ND 0.50	0.32 Jr	ND 0.50
CAF-8B	11/10/1998	0.15 Jr	ND 0.50	ND 0.50
CAF-8B	1/14/1999	ND 0.50	ND 0.50	ND 0.50
CAF-8B	3/19/1999	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-8B	5/18/1999	ND 0.5	ND 0.5	ND 0.5
CAF-8B	8/16/1999	ND 0.5	ND 0.5	ND 0.5
CAF-8B	11/17/1999	ND 0.5	ND 0.5	ND 0.5
CAF-8B	2/14/2000	ND 0.5	ND 0.5	ND 0.5
CAF-8B	6/14/2000	ND 0.5	ND 0.5	ND 0.5
CAF-8B	8/2/2000	ND 0.5	ND 0.5	ND 0.5
CAF-8B	11/7/2000	ND 0.5	ND 0.5	ND 0.5
CAF-8B	4/19/2001	ND 0.5	ND 0.5	ND 0.5
CAF-8B	10/9/2001	ND 0.5	0.5	ND 0.5 UJ
CAF-8B	4/22/2002	ND 0.5	0.4 Jr	ND 0.5 UJ
CAF-8B	10/7/2002	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-8B	2/19/2003	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-8B	9/2/2003	ND 0.5	ND 0.5	ND 0.5
CAF-8B	2/23/2004	ND 0.5	ND 0.5	ND 0.5
CAF-8B	10/5/2004	ND 0.5	ND 0.5	ND 0.5
CAF-8B	5/11/2005	ND 0.5	ND 0.5	ND 0.5
CAF-8B	9/27/2005	ND 0.5	ND 0.5	ND 0.5
CAF-8B	5/2/2006	ND 0.5	ND 0.5	ND 0.5
CAF-8B	9/18/2006	ND 0.5 UJ	ND 0.5 UJ	ND 0.5 UJ

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloro- ethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
CAF-8B	3/28/2007	ND 0.5	ND 0.5	ND 0.5
CAF-8B	10/1/2007	ND 0.5	ND 0.5	ND 0.5
CAF-8B	2/25/2008	ND 0.5	ND 0.5	ND 0.5
CAF-8B	9/11/2008	ND 0.5	ND 0.5	ND 0.5
CAF-8B	3/17/2009	ND 0.5	ND 0.5	ND 0.5
CAF-8B	8/25/2009	ND 0.5	ND 0.5	ND 0.5
CAF-8B	3/16/2010	ND 0.5	ND 0.5	ND 0.5
CAF-8B	9/21/2010	ND 0.5	ND 0.5	ND 0.5
CAF-8B	4/18/2011	ND 0.5	ND 0.5	ND 0.5
CAF-8B	8/24/2011	ND 0.5	ND 0.5	ND 0.5
CAF-8B	2/14/2012	ND 0.5	ND 0.5	ND 0.5
CAF-9A	2/25/1997	ND 0.50	0.18 Jr	ND 0.50
CAF-9A	5/12/1997	ND 0.50	0.13 Jr	ND 0.50
CAF-9A	8/10/1998	ND 0.50	ND 0.50	ND 0.50
CAF-9A	11/10/1998	ND 0.50	ND 0.50	ND 0.50
CAF-9A	3/19/1999	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-9A	5/18/1999	ND 0.5	ND 0.5	ND 0.5
CAF-9A	8/16/1999	ND 0.5	ND 0.5	ND 0.5
CAF-9A	11/17/1999	ND 0.5	ND 0.5	ND 0.5
CAF-9A	2/16/2000	ND 0.5	ND 0.5	ND 0.5
CAF-9A	6/14/2000	ND 0.5	ND 0.5	ND 0.5
CAF-9A	8/2/2000	ND 0.5	ND 0.5	ND 0.5
CAF-9A	11/7/2000	ND 0.5	ND 0.5	ND 0.5
CAF-9A	4/19/2001	ND 0.5	ND 0.5	ND 0.5
CAF-9A	4/22/2002	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-9A	2/17/2003	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-9A	2/23/2004	ND 0.5	ND 0.5	ND 0.5
CAF-9A	5/11/2005	ND 0.5	ND 0.5	ND 0.5
CAF-9A	5/2/2006	ND 0.5	ND 0.5	ND 0.5
CAF-9A	3/28/2007	ND 0.5	ND 0.5	ND 0.5
CAF-9A	4/18/2011	ND 0.5	ND 0.5	ND 0.5
CAF-9B	2/25/1997	0.84	16.0	ND 0.50
CAF-9B	5/12/1997	0.40 Jr	7.37	ND 0.50
CAF-9B	8/11/1998	ND 0.50	0.23 Jr	ND 0.50
CAF-9B	11/10/1998	ND 0.50	ND 0.50	ND 0.50
CAF-9B	1/15/1999	ND 0.50	ND 0.50	ND 0.50
CAF-9B	3/19/1999	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-9B	5/18/1999	ND 0.5	ND 0.5	ND 0.5
CAF-9B	8/16/1999	ND 0.5	ND 0.5	ND 0.5
CAF-9B	11/17/1999	ND 0.5	ND 0.5	ND 0.5
CAF-9B	2/15/2000	ND 0.5	ND 0.5	ND 0.5
CAF-9B	6/14/2000	ND 0.5	ND 0.5	ND 0.5
CAF-9B	8/2/2000	ND 0.5	ND 0.5	ND 0.5
CAF-9B	11/7/2000	ND 0.5	ND 0.5	ND 0.5
CAF-9B	4/19/2001	ND 0.5	ND 0.5	ND 0.5
CAF-9B	10/9/2001	ND 0.5	ND 0.5	ND 0.5 UJ

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloro- ethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
CAF-9B	4/22/2002	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-9B	10/7/2002	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-9B	2/17/2003	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-9B	9/2/2003	ND 0.5	ND 0.5	ND 0.5
CAF-9B	2/23/2004	ND 0.5	ND 0.5	ND 0.5
CAF-9B	10/5/2004	ND 0.5	ND 0.5	ND 0.5
CAF-9B	5/11/2005	ND 0.5	ND 0.5	ND 0.5
CAF-9B	9/27/2005	ND 0.5	ND 0.5	ND 0.5
CAF-9B	5/2/2006	ND 0.5	ND 0.5	ND 0.5
CAF-9B	9/18/2006	ND 0.5 UJ	ND 0.5 UJ	ND 0.5 UJ
CAF-9B	3/28/2007	ND 0.5	ND 0.5	ND 0.5
CAF-9B	10/1/2007	ND 0.5	ND 0.5	ND 0.5
CAF-9B	2/25/2008	ND 0.5	ND 0.5	ND 0.5
CAF-9B	9/11/2008	ND 0.5	ND 0.5	ND 0.5
CAF-9B	3/17/2009	ND 0.5	ND 0.5	ND 0.5
CAF-9B	8/25/2009	ND 0.5	ND 0.5	ND 0.5
CAF-9B	3/15/2010	ND 0.5	ND 0.5	ND 0.5
CAF-9B	9/20/2010	ND 0.5	ND 0.5	ND 0.5
CAF-9B	4/18/2011	ND 0.5	ND 0.5	ND 0.5
CAF-9B	8/24/2011	ND 0.5	ND 0.5	ND 0.5
CAF-9B	2/14/2012	ND 0.5	ND 0.5	ND 0.5
CAF-10A	2/24/1997	ND 0.50	ND 0.50	ND 0.50
CAF-10A	5/9/1997	ND 0.50	ND 0.50	ND 0.50
CAF-10A	8/10/1998	ND 0.50	ND 0.50	ND 0.50
CAF-10A	3/19/1999	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-10A	5/18/1999	ND 0.5	ND 0.5	ND 0.5
CAF-10A	8/16/1999	ND 0.5	ND 0.5	ND 0.5
CAF-10A	11/15/1999	ND 0.5	ND 0.5	ND 0.5
CAF-10A	2/14/2000	ND 0.5	ND 0.5	ND 0.5
CAF-10A	6/12/2000	ND 0.5	ND 0.5	ND 0.5
CAF-10A	7/31/2000	ND 0.5	ND 0.5	ND 0.5
CAF-10A	11/7/2000	ND 0.5	ND 0.5	ND 0.5
CAF-10A	4/19/2001	ND 0.5	ND 0.5	ND 0.5
CAF-10A	4/24/2002	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-10A	2/19/2003	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-10A	2/19/2004	ND 0.5	ND 0.5	ND 0.5
CAF-10A	5/9/2005	ND 0.5	ND 0.5	ND 0.5
CAF-10A	5/2/2006	ND 0.5	ND 0.5	ND 0.5
CAF-10A	3/26/2007	ND 0.5	ND 0.5	ND 0.5
CAF-10A	3/15/2010	ND 0.5	ND 0.5	ND 0.5
CAF-10A	4/18/2011	ND 0.5	ND 0.5	ND 0.5
CAF-10B	2/24/1997	ND 0.50	ND 0.50	ND 0.50
CAF-10B	5/9/1997	ND 0.50	ND 0.50	ND 0.50
CAF-10B	8/10/1998	ND 0.50	ND 0.50	ND 0.50
CAF-10B	3/19/1999	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-10B	5/18/1999	ND 0.5	ND 0.5	ND 0.5

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloro- ethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
CAF-10B	8/16/1999	ND 0.5	ND 0.5	ND 0.5
CAF-10B	11/15/1999	ND 0.5	ND 0.5	ND 0.5
CAF-10B	2/14/2000	ND 0.5	ND 0.5	ND 0.5
CAF-10B	6/12/2000	ND 0.5	ND 0.5	ND 0.5
CAF-10B	7/31/2000	ND 0.5	ND 0.5	ND 0.5
CAF-10B	11/7/2000	ND 0.5	ND 0.5	ND 0.5
CAF-10B	4/19/2001	ND 0.5	ND 0.5	ND 0.5
CAF-10B	10/8/2001	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-10B	4/24/2002	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-10B	10/7/2002	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-10B	2/19/2003	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-10B	9/4/2003	ND 0.5	ND 0.5	ND 0.5
CAF-10B	2/20/2004	ND 0.5	ND 0.5	ND 0.5
CAF-10B	10/5/2004	ND 0.5	ND 0.5	ND 0.5
CAF-10B	5/9/2005	ND 0.5	ND 0.5	ND 0.5
CAF-10B	9/26/2005	ND 0.5	ND 0.5	ND 0.5
CAF-10B	5/2/2006	ND 0.5	ND 0.5	ND 0.5
CAF-10B	9/18/2006	ND 0.5 UJ	ND 0.5 UJ	ND 0.5 UJ
CAF-10B	3/26/2007	ND 0.5	ND 0.5	ND 0.5
CAF-10B	10/1/2007	ND 0.5	ND 0.5	ND 0.5
CAF-10B	2/26/2008	ND 0.5	ND 0.5	ND 0.5
CAF-10B	9/10/2008	ND 0.5	ND 0.5	ND 0.5
CAF-10B	3/17/2009	ND 0.5	ND 0.5	ND 0.5
CAF-10B	8/25/2009	ND 0.5	ND 0.5	ND 0.5
CAF-10B	3/15/2010	ND 0.5	ND 0.5	ND 0.5
CAF-10B	9/23/2010	ND 0.5	ND 0.5	ND 0.5
CAF-10B	4/18/2011	ND 0.5	ND 0.5	ND 0.5
CAF-10B	8/24/2011	ND 0.5	ND 0.5	ND 0.5
CAF-10B	2/14/2012	ND 0.5	ND 0.5	ND 0.5
CAF-16C	5/19/1998	ND 0.50	ND 0.50	ND 0.50
CAF-16C	8/10/1998	ND 0.50	ND 0.50	ND 0.50
CAF-16C	11/10/1998	ND 0.50	ND 0.50	ND 0.50
CAF-16C	1/15/1999	ND 0.50	ND 0.50	ND 0.50
CAF-16C	3/17/1999	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-16C	5/17/1999	ND 0.5	ND 0.5	ND 0.5
CAF-16C	8/16/1999	ND 0.5	ND 0.5	ND 0.5
CAF-16C	11/17/1999	ND 0.5	ND 0.5	ND 0.5
CAF-16C	2/16/2000	ND 0.5	ND 0.5	ND 0.5
CAF-16C	6/14/2000	ND 0.5	ND 0.5	ND 0.5
CAF-16C	7/31/2000	ND 0.5	ND 0.5	ND 0.5
CAF-16C	11/6/2000	ND 0.5	ND 0.5	ND 0.5
CAF-16C	4/19/2001	ND 0.5	ND 0.5	ND 0.5
CAF-16C	4/23/2002	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-16C	2/19/2003	ND 0.5	ND 0.5	ND 0.5 UJ
CAF-16C	2/20/2004	ND 0.5	ND 0.5	ND 0.5
CAF-16C	5/9/2005	ND 0.5	ND 0.5	ND 0.5

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloro- ethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
CAF-16C	5/2/2006	ND 0.5	ND 0.5	ND 0.5
CAF-16C	3/26/2007	ND 0.5	ND 0.5	ND 0.5
CAF-16C	2/27/2008	ND 0.5	ND 0.5	ND 0.5
CAF-16C	3/18/2009	ND 0.5	ND 0.5	ND 0.5
CAF-16C	3/16/2010	ND 0.5	ND 0.5	ND 0.5
CAF-16C	4/20/2011	ND 0.5	ND 0.5	ND 0.5
CAF-17C	5/19/1998	ND 0.50	328.0*	196.0*
CAF-17C	8/12/1998	ND 0.50	1162.0*	81.9*
CAF-17C	11/11/1998	0.86	740.0*	50.0*
CAF-17C	1/15/1999	0.35 Jr	764.0*	ND 0.50
CAF-17C	3/18/1999	ND 5.0	697*	25.0 JI*
CAF-17C	5/19/1999	ND 5.0	719*	33.8*
CAF-17C	8/17/1999	ND 5.0 UJ	630*	38.1*
CAF-17C	11/17/1999	ND 5.0	399*	27.8 JI*
CAF-17C	2/16/2000	ND 5.0	362*	32.8*
CAF-17C	6/14/2000	ND 0.5	313.0*	44.3*
CAF-17C	7/31/2000	ND 5.0	380*	39.2*
CAF-17C	11/7/2000	ND 5.0	341*	54.0*
CAF-17C	4/19/2001	ND 5.00	311*	53.6*
CAF-17C	10/9/2001	ND 5.0	221*	79.3 JI*
CAF-17C	4/23/2002	ND 5.0	197*	85.2 JI*
CAF-17C	10/8/2002	ND 0.5	227.0*	148.0 JI*
CAF-17C	2/19/2003	ND 2.5	218*	115 JI*
CAF-17C	9/4/2003	ND 5.0	111*	74.4 JI*
CAF-17C	2/20/2004	ND 0.5	107.0*	38.0 JI*
CAF-17C	10/5/2004	ND 0.5	40.5	20.0*
CAF-17C	5/9/2005	ND 0.5	52.4	33.5*
CAF-17C	9/27/2005	ND 0.5	30.2	20.1*
CAF-17C	5/2/2006	ND 0.5	15	17 JI*
CAF-17C	9/19/2006	ND 0.5 UJ	18.1 J	8.7 J*
CAF-17C	3/26/2007	ND 0.5	46	19*
CAF-17C	10/1/2007	ND 0.5	3.4	ND 0.5
CAF-17C	2/27/2008	ND 0.5	4.4	2.6*
CAF-17C	9/9/2008	ND 0.5	4.7	3.6*
CAF-17C	3/17/2009	ND 0.5	3.1	1.6*
CAF-17C	8/25/2009	ND 0.5	7.4	3.4*
CAF-17C	3/16/2010	ND 0.5	41	13*
CAF-17C	9/21/2010	ND 0.5	5.0 Jh	2.0*
CAF-17C	4/19/2011	ND 0.5	4.32	0.85*
CAF-17C	8/24/2011	ND 0.5	5.62	3.8*
CAF-17C	2/14/2012	ND 0.5	3.25	1.3*
CAF-17C	9/25/2012	ND 0.5	9.55	7.71*
CAF-17C	4/23/2013	ND 0.5	13.1	6.89*
CAF-17C	10/10/2013	ND 0.5	14.4	9.92*
CAF-17C	3/24/2014	ND 0.5	10.5	8.47*
CAF-17C	8/20/2014	ND 0.5	11.7	7.73*

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloro- ethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
CAF-17C	1/20/2015	ND 0.5	13.9	7.87
CAF-17C	9/1/2015	ND 0.5	13.6	10.1
OB-5	2/11/1993	ND 0.50	415.0*	ND 0.50
OB-5	3/11/1993	ND 20	700*	ND 20
OB-5	4/20/1993	ND 25	586*	ND 25
OB-5	12/16/1993	ND 5.0	761*	ND 5.0
OB-5	1/27/1994	ND 1.0	734*	ND 1.0
OB-5	6/30/1994	ND 25	465*	ND 25
OB-5	2/2/1995	ND 25	485*	ND 25
OB-5	7/27/1995	ND 25	499*	ND 25
OB-5	1/19/1996	ND 25	368*	ND 25
OB-5	8/6/1996	ND 1.0	285*	ND 1.0
OB-5	10/29/1996	ND 50	210*	ND 50
OB-5	1/17/1997	ND 100	197*	7.83 Jr*
OB-5	3/5/1997	ND 0.50	185.0*	7.95*
OB-5	4/22/1997	ND 25	242*	ND 25
OB-5	10/28/1997	ND 0.50	216.0*	7.01*
OB-5	1/22/1998	ND 0.50	187.0*	ND 0.50
OB-5	4/21/1998	ND 0.50 UJ	149.0*	ND 0.50
OB-5	7/22/1998	ND 0.50	108.0*	ND 0.50
OB-5	7/24/1998	ND 0.50	138.0*	7.25*
OB-5	10/27/1998	ND 0.50	97.5*	ND 0.50
OB-5	1/13/1999	ND 0.50	138.0*	ND 0.50
OB-5	3/19/1999	ND 0.5	97.6*	4.9 JI*
OB-5	5/19/1999	ND 0.5	89.4*	6.4*
OB-5	8/16/1999	ND 0.5	73.9*	5.4*
OB-5	11/15/1999	ND 0.5	67.0	1.2 JI*
OB-5	2/14/2000	ND 0.5	77.7*	1.2*
OB-5	6/14/2000	ND 0.5	72.9*	1.3*
OB-5	7/31/2000	ND 0.5	88.7*	1.2*
OB-5	11/7/2000	ND 0.5	87.4*	1.5*
OB-5	4/18/2001	ND 0.5	76.0*	1.5*
OB-5	10/9/2001	ND 0.5	99.0*	3.6 JI*
OB-5	4/22/2002	ND 0.5	81.9*	6.4 JI*
OB-5	10/7/2002	ND 0.5	106.0*	15.6 JI*
OB-5	2/18/2003	ND 0.5	149.0*	22.0 JI*
OB-5	9/4/2003	ND 0.5	95.9*	6.4*
OB-5	2/23/2004	ND 0.5	81.5*	6.2 JI*
OB-5	10/6/2004	ND 0.5	35.7	4.5*
OB-5	5/9/2005	ND 0.5	32.6	4.7*
OB-5	9/28/2005	ND 0.5	23.0	3.4*
OB-5	5/2/2006	ND 0.5	20	4*
OB-5	9/19/2006	ND 0.5 UJ	12.2 J	2.9 J*
OB-5	3/27/2007	ND 0.5	4.4	1.5*
OB-5	10/3/2007	ND 0.5	15	ND 0.5
OB-5	2/26/2008	ND 0.5	6.1	ND 0.5

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloroethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
OB-5	9/10/2008	ND 0.5	5.1	1.0*
OB-5	3/18/2009	ND 0.5	7.2	1.2*
OB-5	8/26/2009	ND 0.5	12	1.4*
OB-5	3/16/2010	ND 0.5	6.8	1.0*
OB-5	9/21/2010	ND 0.5	1.6 Jh	ND 0.5
OB-5	4/20/2011	ND 0.5	5.27	ND 0.5
OB-5	8/25/2011	ND 0.5	2.33	ND 0.5 UJ
OB-5	2/15/2012	ND 0.5	19.6	2.52*
OB-5	9/26/2012	ND 0.5	13.7	2.01*
OB-5	4/23/2013	ND 0.5	7.72	1.44*
OB-5	10/10/2013	ND 0.5 UJ	11.3	2.08*
OB-5	3/25/2014	ND 0.5	8.06	1.11*
OB-5	8/19/2014	ND 0.5	6.2	0.7*
OB-5	1/20/2015	ND 0.5	7.7	0.98
OB-5	9/2/2015	ND 0.5	8.31	1.59
OCW-1C	8/10/1998	ND 0.50	ND 0.50	ND 0.50
OCW-1C	11/11/1998	ND 0.50	ND 0.50	ND 0.50
OCW-1C	1/13/1999	ND 0.50	ND 0.50	ND 0.50
OCW-1C	3/18/1999	ND 0.5	ND 0.5	ND 0.5 UJ
OCW-1C	5/17/1999	ND 0.5	ND 0.5	ND 0.5
OCW-1C	8/16/1999	ND 0.5	ND 0.5	ND 0.5
OCW-1C	11/16/1999	ND 0.5	ND 0.5	ND 0.5
OCW-1C	2/13/2000	ND 0.5	ND 0.5	ND 0.5
OCW-1C	6/12/2000	ND 0.5	ND 0.5	ND 0.5
OCW-1C	8/1/2000	ND 0.5	ND 0.5	ND 0.5
OCW-1C	11/6/2000	ND 0.5	ND 0.5	ND 0.5
OCW-1C	4/17/2001	ND 0.5	ND 0.5	ND 0.5
OCW-1C	4/24/2002	ND 0.5	ND 0.5	ND 0.5 UJ
OCW-1C	2/19/2003	ND 0.5	ND 0.5	ND 0.5 UJ
OCW-1C	2/20/2004	ND 0.5	ND 0.5	ND 0.5
OCW-1C	5/10/2005	ND 0.5	ND 0.5	ND 0.5
OCW-1C	5/1/2006	ND 0.5	ND 0.5	ND 0.5
OCW-1C	3/27/2007	ND 0.5	ND 0.5	ND 0.5
OCW-1C	2/27/2008	ND 0.5	ND 0.5	ND 0.5
OCW-1C	3/18/2009	ND 0.5	ND 0.5	ND 0.5
OCW-1C	3/15/2010	ND 0.5	ND 0.5	ND 0.5
OCW-1C	4/19/2011	ND 0.5	ND 0.5	ND 0.5
OCW-2C	8/11/1998	41.9*	686.0*	ND 0.50
OCW-2C	11/11/1998	42.3*	348.0*	1.26*
OCW-2C	1/12/1999	61.1*	510.0*	ND 0.50
OCW-2C	3/18/1999	36.4*	306*	ND 5.0 UJ
OCW-2C	5/17/1999	39.6*	292.0*	0.9*
OCW-2C	8/17/1999	32.7 Jh*	238*	ND 5.0
OCW-2C	11/16/1999	21.7*	191.0*	0.5 JI*
OCW-2C	2/13/2000	16.0*	254.0*	1.3*
OCW-2C	6/12/2000	16.0*	334.0*	2.2*

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloro- ethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
OCW-2C	8/1/2000	14.7*	234.0*	0.7*
OCW-2C	11/6/2000	13.0*	243.0*	0.5 J*
OCW-2C	4/17/2001	12.2*	196.0*	0.9*
OCW-2C	10/10/2001	15.6*	169.0*	0.9 JI*
OCW-2C	4/24/2002	8.7*	281*	ND 5.0
OCW-2C	10/8/2002	11.3*	229.0*	1.7 JI*
OCW-2C	2/19/2003	8.1 Jh*	369*	3.0 JI*
OCW-2C	9/3/2003	7.6*	87.1*	ND 0.5
OCW-2C	2/20/2004	6.7*	218.0*	1.7 JI*
OCW-2C	10/4/2004	6.3*	134*	1.3*
OCW-2C	5/10/2005	5.2*	126*	1.0*
OCW-2C	9/26/2005	4.5*	49.4	ND 0.5
OCW-2C	5/1/2006	5*	147*	2*
OCW-2C	9/18/2006	4.5 J*	70.7 J*	1.2 J*
OCW-2C	3/27/2007	ND 0.5	35	0.4 Jr*
OCW-2C	10/2/2007	5.0*	74*	7.8*
OCW-2C	2/27/2008	4.2*	69	16*
OCW-2C	9/9/2008	4.5*	43	6.3*
OCW-2C	3/18/2009	3.3*	60	44*
OCW-2C	8/25/2009	4.0*	40	8.1*
OCW-2C	3/15/2010	3.4*	54	29*
OCW-2C	9/21/2010	4.2*	20 Jh	ND 0.5
OCW-2C	4/19/2011	4.09*	22.8	0.81*
OCW-2C	8/23/2011	4.02*	20.2	1.29 J*
OCW-2C	2/15/2012	3.55*	23.4	2.31*
OCW-2C	9/26/2012	3.13*	29.4	13.5*
OCW-2C	4/23/2013	2.57	23.9	5.95*
OCW-2C	10/9/2013	3.02*	11.3	ND 0.5
OCW-2C	3/25/2014	1.53	6.03	ND 0.5
OCW-2C	8/19/2014	2.6	15.3	1.7*
OCW-2C	1/20/2015	1.92	12.6	4.64
OCW-2C	9/1/2015	1.75	11.3	3.95
OCW-3C	8/10/1998	ND 0.50	ND 0.50	ND 0.50
OCW-3C	11/11/1998	ND 0.50	ND 0.50	ND 0.50
OCW-3C	1/13/1999	ND 0.50	ND 0.50	ND 0.50
OCW-3C	3/18/1999	ND 0.5	ND 0.5	ND 0.5 UJ
OCW-3C	5/17/1999	ND 0.5	ND 0.5	ND 0.5
OCW-3C	8/17/1999	ND 0.5	ND 0.5	ND 0.5
OCW-3C	11/16/1999	ND 0.5	ND 0.5	ND 0.5
OCW-3C	2/13/2000	ND 0.5	ND 0.5	ND 0.5
OCW-3C	6/12/2000	ND 0.5	ND 0.5	ND 0.5
OCW-3C	8/1/2000	ND 0.5	ND 0.5	ND 0.5
OCW-3C	11/6/2000	ND 0.5	ND 0.5	ND 0.5
OCW-3C	4/18/2001	ND 0.5	ND 0.5	ND 0.5
OCW-3C	4/24/2002	ND 0.5	ND 0.5	ND 0.5
OCW-3C	2/19/2003	ND 0.5	ND 0.5	ND 0.5 UJ

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloro- ethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
OCW-3C	2/20/2004	ND 0.5	ND 0.5	ND 0.5
OCW-3C	5/10/2005	ND 0.5	ND 0.5	ND 0.5
OCW-3C	5/1/2006	ND 0.5	ND 0.5	ND 0.5
OCW-3C	3/27/2007	ND 0.5	ND 0.5	ND 0.5
OCW-3C	2/27/2008	ND 0.5	ND 0.5	ND 0.5
OCW-3C	3/18/2009	ND 0.5	ND 0.5	ND 0.5
OCW-3C	3/15/2010	ND 0.5	ND 0.5	ND 0.5
OCW-3C	4/19/2011	ND 0.5	ND 0.5	ND 0.5
OCW-4A	8/12/1998	ND 0.50	ND 0.50	ND 0.50
OCW-4A	1/12/1999	ND 0.50	ND 0.50	ND 0.50
OCW-4A	3/18/1999	ND 0.5	ND 0.5	ND 0.5 UJ
OCW-4A	5/17/1999	ND 0.5	ND 0.5	ND 0.5
OCW-4A	8/17/1999	ND 0.5	ND 0.5	ND 0.5
OCW-4A	11/17/1999	ND 0.5	ND 0.5	ND 0.5
OCW-4A	2/13/2000	ND 0.5	ND 0.5	ND 0.5
OCW-4A	6/12/2000	ND 0.5	ND 0.5	ND 0.5
OCW-4A	8/1/2000	ND 0.5	ND 0.5	ND 0.5
OCW-4A	11/6/2000	ND 0.5	ND 0.5	ND 0.5
OCW-4A	4/18/2001	ND 0.5	ND 0.5	ND 0.5
OCW-4A	4/24/2002	ND 0.5	ND 0.5	ND 0.5
OCW-4A	2/19/2003	ND 0.5	ND 0.5	ND 0.5 UJ
OCW-4A	2/20/2004	ND 0.5	ND 0.5	ND 0.5
OCW-4A	5/10/2005	ND 0.5	ND 0.5	ND 0.5
OCW-4A	5/1/2006	ND 0.5	ND 0.5	ND 0.5
OCW-4A	3/28/2007	ND 0.5	ND 0.5	ND 0.5
OCW-4A	2/27/2008	ND 0.5	ND 0.5	ND 0.5
OCW-4A	3/18/2009	ND 0.5	ND 0.5	ND 0.5
OCW-4A	3/15/2010	ND 0.5	ND 0.5	ND 0.5
OCW-4A	4/19/2011	ND 0.5	ND 0.5	ND 0.5
OCW-4B	8/11/1998	0.38 Jr	1.28	ND 0.50
OCW-4B	1/12/1999	0.30 Jr	0.82	ND 0.50
OCW-4B	3/18/1999	ND 0.5	0.4 Jr	ND 0.5 UJ
OCW-4B	5/17/1999	ND 0.5	0.5	ND 0.5
OCW-4B	8/17/1999	ND 0.5	0.4 Jr	ND 0.5
OCW-4B	11/17/1999	ND 0.5	0.5	ND 0.5 UJ
OCW-4B	2/13/2000	ND 0.5	ND 0.5	ND 0.5
OCW-4B	6/12/2000	ND 0.5	ND 0.5	ND 0.5
OCW-4B	8/1/2000	ND 0.5	ND 0.5	ND 0.5
OCW-4B	11/6/2000	ND 0.5	ND 0.5	ND 0.5
OCW-4B	4/18/2001	ND 0.5	ND 0.5	ND 0.5
OCW-4B	10/10/2001	ND 0.5	ND 0.5	ND 0.5 UJ
OCW-4B	4/24/2002	ND 0.5	ND 0.5	ND 0.5
OCW-4B	10/8/2002	ND 0.5	ND 0.5	ND 0.5 UJ
OCW-4B	2/19/2003	ND 0.5	ND 0.5	ND 0.5 UJ
OCW-4B	9/4/2003	ND 0.5	ND 0.5	ND 0.5
OCW-4B	2/20/2004	ND 0.5	ND 0.5	ND 0.5

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloroethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
OCW-4B	10/5/2004	ND 0.5	ND 0.5	ND 0.5
OCW-4B	5/10/2005	ND 0.5	ND 0.5	ND 0.5
OCW-4B	9/26/2005	ND 0.5	ND 0.5	ND 0.5
OCW-4B	5/1/2006	ND 0.5	ND 0.5	ND 0.5
OCW-4B	9/18/2006	ND 0.5 UJ	ND 0.5 UJ	ND 0.5 UJ
OCW-4B	3/28/2007	ND 0.5	ND 0.5	ND 0.5
OCW-4B	10/2/2007	ND 0.5	ND 0.5	ND 0.5
OCW-4B	2/27/2008	ND 0.5	ND 0.5	ND 0.5
OCW-4B	9/9/2008	ND 0.5	ND 0.5	ND 0.5
OCW-4B	3/18/2009	ND 0.5	ND 0.5	ND 0.5
OCW-4B	8/25/2009	ND 0.5	ND 0.5	ND 0.5
OCW-4B	3/15/2010	ND 0.5	ND 0.5	ND 0.5
OCW-4B	9/21/2010	ND 0.5	ND 0.5	ND 0.5
OCW-4B	4/19/2011	ND 0.5	ND 0.5	ND 0.5
OCW-4B	8/23/2011	ND 0.5	ND 0.5	ND 0.5
OCW-4B	2/15/2012	1.58	10.7	1.21*
OCW-4B	9/26/2012	ND 0.5	ND 0.5	ND 0.5
OCW-5D	6/18/1998	ND 0.50	1.19	ND 0.50
OCW-5D	8/11/1998	ND 0.50	0.80	ND 0.50
OCW-5D	11/10/1998	ND 0.50	0.26 Jr	ND 0.50
OCW-5D	1/12/1999	ND 0.50	0.21 Jr	ND 0.50
OCW-5D	3/18/1999	ND 0.5	ND 0.5	ND 0.5 UJ
OCW-5D	5/17/1999	ND 0.5	ND 0.5	ND 0.5
OCW-5D	8/16/1999	ND 0.5	ND 0.5	ND 0.5
OCW-5D	11/17/1999	ND 0.5 UJ	ND 0.5 UJ	ND 0.5 UJ
OCW-5D	2/13/2000	ND 0.5	ND 0.5	ND 0.5
OCW-5D	6/12/2000	ND 0.5	ND 0.5	ND 0.5
OCW-5D	8/1/2000	ND 0.5	ND 0.5	ND 0.5
OCW-5D	11/6/2000	ND 0.5	ND 0.5	ND 0.5
OCW-5D	4/18/2001	ND 0.5	ND 0.5	ND 0.5
OCW-5D	10/10/2001	ND 0.5	ND 0.5	ND 0.5 UJ
OCW-5D	4/24/2002	ND 0.5	ND 0.5	ND 0.5
OCW-5D	10/8/2002	ND 0.5	ND 0.5	ND 0.5 UJ
OCW-5D	2/19/2003	ND 0.5	ND 0.5	ND 0.5 UJ
OCW-5D	9/4/2003	ND 0.5	ND 0.5	ND 0.5
OCW-5D	2/20/2004	ND 0.5	ND 0.5	ND 0.5
OCW-5D	10/5/2004	ND 0.5	ND 0.5	ND 0.5
OCW-5D	5/10/2005	ND 0.5	ND 0.5	ND 0.5
OCW-5D	9/26/2005	ND 0.5	ND 0.5	ND 0.5
OCW-5D	5/1/2006	ND 0.5	ND 0.5	ND 0.5
OCW-5D	9/18/2006	ND 0.5 UJ	ND 0.5 UJ	ND 0.5 UJ
OCW-5D	3/28/2007	ND 0.5	ND 0.5	ND 0.5
OCW-5D	10/2/2007	ND 0.5	ND 0.5	ND 0.5
OCW-5D	2/27/2008	ND 0.5	ND 0.5	ND 0.5
OCW-5D	9/9/2008	ND 0.5	ND 0.5	ND 0.5
OCW-5D	3/18/2009	ND 0.5	ND 0.5	ND 0.5

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloro- ethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
OCW-5D	8/25/2009	ND 0.5	ND 0.5	ND 0.5
OCW-5D	3/15/2010	ND 0.5	ND 0.5	ND 0.5
OCW-5D	9/21/2010	ND 0.5	ND 0.5	ND 0.5
OCW-5D	4/19/2011	ND 0.5	ND 0.5	ND 0.5 UJ
OCW-5D	8/23/2011	ND 0.5	ND 0.5	ND 0.5
OCW-5D	2/15/2012	ND 0.5	ND 0.5	ND 0.5
OSW-1A	7/14/1998	ND 0.50	ND 0.50	ND 0.50
OSW-1A	7/15/1998	ND 0.50	0.99	ND 0.50
OSW-1A	8/11/1998	ND 0.50	0.85	ND 0.50
OSW-1A	11/11/1998	ND 0.50	1.32	ND 0.50
OSW-1A	1/11/1999	ND 0.50	1.46	ND 0.50
OSW-1A	3/18/1999	ND 0.5 UJ	1.1	ND 0.5 UJ
OSW-1A	5/17/1999	ND 0.5	1.0	ND 0.5
OSW-1A	8/17/1999	ND 0.5 UJ	1.5	ND 0.5
OSW-1A	11/16/1999	ND 0.5	1.5	ND 0.5 UJ
OSW-1A	2/15/2000	ND 0.5	0.9	ND 0.5 UJ
OSW-1A	6/13/2000	ND 0.5	1.2	ND 0.5
OSW-1A	8/1/2000	ND 0.5	2.5	ND 0.5
OSW-1A	11/6/2000	ND 0.5	4.2	ND 0.5
OSW-1A	4/17/2001	ND 0.5	5.3	ND 0.5
OSW-1A	10/8/2001	ND 0.5	10.6	ND 0.5 UJ
OSW-1A	4/23/2002	ND 0.5	8.5	ND 0.5 UJ
OSW-1A	10/8/2002	ND 0.5	9.3	ND 0.5 UJ
OSW-1A	2/18/2003	ND 0.5	9.4	ND 0.5 UJ
OSW-1A	9/3/2003	ND 0.5	5.4	ND 0.5
OSW-1A	2/20/2004	ND 0.5	2.8	ND 0.5
OSW-1A	10/4/2004	ND 0.5	2.2	ND 0.5
OSW-1A	5/10/2005	ND 0.5	2.1	ND 0.5
OSW-1A	9/30/2005	ND 0.5	4.9	ND 0.5
OSW-1A	5/3/2006	ND 0.5	4	ND 0.5
OSW-1A	9/19/2006	ND 0.5 UJ	3.8 J	ND 0.5 UJ
OSW-1A	3/27/2007	ND 0.5	2.5	ND 0.5
OSW-1A	10/2/2007	ND 0.5	5.1	ND 0.5
OSW-1A	2/26/2008	ND 0.5	3.4	ND 0.5
OSW-1A	9/10/2008	ND 0.5	4.8	ND 0.5
OSW-1A	3/18/2009	ND 0.5	6.2	ND 0.5
OSW-1A	8/26/2009	ND 0.5	8.4	ND 0.5
OSW-1A	3/17/2010	ND 0.5	6.2 Jh	ND 0.5
OSW-1A	9/23/2010	ND 0.5	4.4 Jh	ND 0.5
OSW-1A	4/20/2011	ND 0.5	4.16	ND 0.5
OSW-1A	8/25/2011	ND 0.5	ND 0.5	ND 0.5 UJ
OSW-1A	2/15/2012	ND 0.5	3.51	ND 0.5
OSW-1A	9/26/2012	ND 0.5	7.31	ND 0.5
OSW-1A	10/10/2013	ND 0.5	10.7	ND 0.5
OSW-1A	1/20/2015	ND 0.5	8.91	ND 0.5
SW-1	2/13/2000	ND 0.5	ND 0.5	ND 0.5

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloro- ethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
SW-1	4/17/2001	ND 0.5	ND 0.5	ND 0.5
SW-1	2/19/2004	ND 0.5	ND 0.5	ND 0.5
SW-1	3/15/2010	ND 0.5	ND 0.5	ND 0.5
SW-2	2/15/2000	ND 0.5	ND 0.5	ND 0.5
SW-2	4/17/2001	ND 0.5	ND 0.5	ND 0.5
SW-2	4/23/2002	ND 0.5	ND 0.5	ND 0.5
SW-2	2/18/2003	ND 0.5	ND 0.5	ND 0.5 UJ
SW-2	2/19/2004	ND 0.5	ND 0.5	ND 0.5
SW-2	5/9/2005	ND 0.5	ND 0.5	ND 0.5
SW-2	5/1/2006	ND 0.5	ND 0.5	ND 0.5
SW-2	3/27/2007	ND 0.5	ND 0.5	ND 0.5
SW-2	2/25/2008	ND 0.5	ND 0.5	ND 0.5
SW-2	3/17/2009	ND 0.5	ND 0.5	ND 0.5
SW-2	3/15/2010	ND 0.5	ND 0.5	ND 0.5
SW-2	4/20/2011	ND 0.5	ND 0.5	ND 0.5
SW-3	2/13/2000	ND 0.5	ND 0.5	ND 0.5
SW-3	4/17/2001	ND 0.5	ND 0.5	ND 0.5
SW-3	2/18/2003	ND 0.5	ND 0.5	ND 0.5 UJ
SW-3	2/19/2004	ND 0.5	ND 0.5	ND 0.5
SW-3	5/10/2005	ND 0.5	ND 0.5	ND 0.5
SW-3	5/3/2006	ND 0.5	ND 0.5	ND 0.5
SW-3	3/27/2007	ND 0.5	ND 0.5	ND 0.5
SW-3	2/25/2008	ND 0.5	ND 0.5	ND 0.5
SW-3	3/18/2009	ND 0.5	ND 0.5	ND 0.5
SW-3	3/15/2010	ND 0.5	ND 0.5	ND 0.5
SW-3	4/20/2011	ND 0.5	ND 0.5	ND 0.5
SW-4	3/18/1999	1.9	22.9	ND 0.5 UJ
SW-4	5/18/1999	1.9	55.9	ND 0.5
SW-4	8/17/1999	0.8	34.3	ND 0.5
SW-4	11/16/1999	6.0*	65.2	ND 0.5
SW-4	2/13/2000	6.1*	67.9	ND 0.5
SW-4	8/1/2000	3.3*	32.1	ND 0.5
SW-4	11/6/2000	ND 0.5	34.9	ND 0.5
SW-4	4/17/2001	0.4 Jr	17.8	ND 0.5
SW-4	10/8/2001	ND 0.5	28.2	0.8*
SW-14	10/8/2002	0.7	4.5	ND 0.5 UJ
SW-14	2/18/2003	0.9 Jh	5.5	ND 0.5 UJ
SW-14	9/3/2003	0.6	7.2	ND 0.5
SW-14	2/19/2004	ND 0.5	11.8	ND 0.5 UJ
SW-14	10/4/2004	0.5	10.3	0.8*
SW-14	5/10/2005	0.4 Jr	7.9	ND 0.5
SW-14	9/30/2005	0.6	10.8	ND 0.5
SW-14	5/3/2006	0.5	12	0.5*
SW-14	9/19/2006	1.1 J	10.2 J	1.2 J*
SW-14	3/27/2007	ND 0.5	8.5	ND 0.5
SW-14	10/2/2007	0.8	7.6	ND 0.5

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloro- ethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
SW-14	2/26/2008	0.4 Jr	2.5	ND 0.5
SW-14	9/10/2008	ND 0.5	3.4	ND 0.5
SW-14	3/18/2009	0.5	2.8	ND 0.5
SW-14	8/26/2009	0.6	4.8	ND 0.5
SW-14	3/17/2010	0.4 Jr	7.6	ND 0.5
SW-14	8/25/2011	0.43 Jr	2.09	ND 0.5 UJ
SW-14	2/15/2012	ND 0.5	2.96	ND 0.5
SW-14	9/26/2012	0.99	4.53	ND 0.5
SW-14	4/24/2013	0.63	4.61	0.18 Jr*
SW-14	10/10/2013	0.67	6.82	1.33*
SW-14	3/25/2014	0.48 Jr	4.38	ND 0.5
SW-14	8/20/2014	0.41 Jr	4.09	1.25*
SW-14	1/20/2015	(0.33) Jr	2.41	ND 0.5
SW-14	9/2/2015	(0.4) Jr	2.25	1.41
SWS-1	8/19/1997	ND 0.50	1.10	ND 0.50
SWS-1	11/11/1998	ND 0.50	ND 0.50	ND 0.50
SWS-1	1/11/1999	ND 0.50	0.65	ND 0.50
SWS-1	3/18/1999	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-1	5/18/1999	ND 0.5	ND 0.5	ND 0.5
SWS-1	8/17/1999	ND 0.5	0.4 Jr	ND 0.5
SWS-1	11/16/1999	ND 0.5	0.6	ND 0.5
SWS-1	2/15/2000	ND 0.5 UJ	0.3 Jr	ND 0.5 UJ
SWS-1	6/13/2000	ND 0.5	ND 0.5	ND 0.5
SWS-1	8/1/2000	ND 0.5	1.1	ND 0.5
SWS-1	11/6/2000	ND 0.5	ND 0.5	ND 0.5
SWS-1	4/18/2001	ND 0.5	ND 0.5	ND 0.5
SWS-1	10/8/2001	ND 0.5	ND 0.5	ND 0.5
SWS-1	4/24/2002	ND 0.5	ND 0.5	ND 0.5
SWS-1	10/8/2002	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-1	2/18/2003	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-1	9/3/2003	ND 0.5	ND 0.5	ND 0.5
SWS-1	2/19/2004	ND 0.5	ND 0.5	ND 0.5
SWS-1	5/10/2005	ND 0.5	ND 0.5	ND 0.5
SWS-1	9/30/2005	ND 0.5	ND 0.5	ND 0.5
SWS-1	5/3/2006	ND 0.5	ND 0.5	ND 0.5
SWS-1	9/19/2006	ND 0.5 UJ	ND 0.5 UJ	ND 0.5 UJ
SWS-1	3/27/2007	ND 0.5	ND 0.5	ND 0.5
SWS-1	2/26/2008	ND 0.5	ND 0.5	ND 0.5
SWS-1	9/10/2008	ND 0.5	ND 0.5	ND 0.5
SWS-1	3/18/2009	ND 0.5	ND 0.5	ND 0.5
SWS-1	8/26/2009	ND 0.5	ND 0.5	ND 0.5
SWS-1	3/17/2010	ND 0.5	ND 0.5	ND 0.5
SWS-1	4/19/2011	ND 0.5	ND 0.5 UJ	ND 0.5
SWS-1	8/25/2011	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-1	2/15/2012	ND 0.5	ND 0.5	ND 0.5
SWS-1	9/26/2012	ND 0.5	ND 0.5	ND 0.5

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloroethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
SWS-1	10/10/2013	ND 0.5	ND 0.5	ND 0.5
SWS-1	8/20/2014	ND 0.5	ND 0.5	ND 0.5
SWS-1	1/20/2015	ND 0.5	ND 0.5	ND 0.5
SWS-4	8/19/1997	ND 0.50	ND 0.50	ND 0.50
SWS-4	1/11/1999	ND 0.50	ND 0.50	ND 0.50
SWS-4	3/18/1999	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-4	5/18/1999	ND 0.5	ND 0.5	ND 0.5
SWS-4	8/17/1999	ND 0.5	ND 0.5	ND 0.5
SWS-4	11/16/1999	ND 0.5	ND 0.5	ND 0.5
SWS-4	2/15/2000	ND 0.5	ND 0.5	ND 0.5
SWS-4	6/13/2000	ND 0.5	ND 0.5	ND 0.5
SWS-4	8/1/2000	ND 0.5	ND 0.5	ND 0.5
SWS-4	11/6/2000	ND 0.5	ND 0.5	ND 0.5
SWS-4	4/18/2001	ND 0.5	ND 0.5	ND 0.5
SWS-4	4/24/2002	ND 0.5	ND 0.5	ND 0.5
SWS-4	2/18/2003	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-4	2/19/2004	ND 0.5	ND 0.5	ND 0.5
SWS-4	5/10/2005	ND 0.5	ND 0.5	ND 0.5
SWS-4	5/3/2006	ND 0.5	ND 0.5	ND 0.5
SWS-4	3/27/2007	ND 0.5	ND 0.5	ND 0.5
SWS-4	2/26/2008	ND 0.5	ND 0.5	ND 0.5
SWS-4	3/18/2009	ND 0.5	ND 0.5	ND 0.5
SWS-4	3/17/2010	ND 0.5	ND 0.5	ND 0.5
SWS-4	4/19/2011	ND 0.5	ND 0.5	ND 0.5
SWS-6	8/20/1997	ND 0.50	ND 0.50	ND 0.50
SWS-6	11/11/1998	ND 0.50	ND 0.50	ND 0.50
SWS-6	1/11/1999	ND 0.50	ND 0.50	ND 0.50
SWS-6	3/18/1999	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-6	5/18/1999	ND 0.5	ND 0.5	ND 0.5
SWS-6	8/17/1999	ND 0.5	ND 0.5	ND 0.5
SWS-6	11/16/1999	ND 0.5	ND 0.5	ND 0.5
SWS-6	2/15/2000	ND 0.5	ND 0.5	ND 0.5
SWS-6	6/13/2000	ND 0.5	ND 0.5	ND 0.5
SWS-6	8/1/2000	ND 0.5	ND 0.5	ND 0.5
SWS-6	11/6/2000	ND 0.5	ND 0.5	ND 0.5
SWS-6	4/18/2001	ND 0.5	ND 0.5	ND 0.5
SWS-6	10/8/2001	ND 0.5	ND 0.5	ND 0.5
SWS-6	4/23/2002	ND 0.5	ND 0.5	ND 0.5
SWS-6	10/8/2002	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-6	2/18/2003	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-6	9/3/2003	ND 0.5	ND 0.5	ND 0.5
SWS-6	2/20/2004	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-6	10/4/2004	ND 0.5	ND 0.5	ND 0.5
SWS-6	5/10/2005	ND 0.5	ND 0.5	ND 0.5
SWS-6	9/30/2005	ND 0.5	ND 0.5	ND 0.5
SWS-6	5/3/2006	ND 0.5	ND 0.5	ND 0.5

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloro- ethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
SWS-6	9/19/2006	ND 0.5 UJ	ND 0.5 UJ	ND 0.5 UJ
SWS-6	3/27/2007	ND 0.5	ND 0.5	ND 0.5
SWS-6	2/26/2008	ND 0.5	ND 0.5	ND 0.5
SWS-6	9/10/2008	ND 0.5	ND 0.5	ND 0.5
SWS-6	3/18/2009	ND 0.5	ND 0.5	ND 0.5
SWS-6	3/17/2010	ND 0.5	ND 0.5	ND 0.5
SWS-6	4/20/2011	ND 0.5	ND 0.5	ND 0.5
SWS-6	8/25/2011	ND 0.5	ND 0.5	ND 0.5
SWS-6	2/15/2012	ND 0.5	ND 0.5	ND 0.5
SWS-6	9/26/2012	ND 0.5	ND 0.5	ND 0.5
SWS-6	10/10/2013	ND 0.5	ND 0.5	ND 0.5
SWS-6	8/20/2014	ND 0.5	ND 0.5	ND 0.5
SWS-6	1/20/2015	ND 0.5	ND 0.5	ND 0.5
SWS-8	7/14/1998	ND 0.50	0.15 Jr	ND 0.50
SWS-8	8/11/1998	ND 0.50	ND 0.50	ND 0.50
SWS-8	11/11/1998	ND 0.50	ND 0.50	ND 0.50
SWS-8	1/11/1999	ND 0.50	0.12 Jr	ND 0.50
SWS-8	3/18/1999	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-8	5/18/1999	ND 0.5	ND 0.5	ND 0.5
SWS-8	8/17/1999	ND 0.5	ND 0.5	ND 0.5
SWS-8	11/16/1999	ND 0.5	ND 0.5	ND 0.5
SWS-8	2/15/2000	ND 0.5	ND 0.5	ND 0.5
SWS-8	6/13/2000	ND 0.5	ND 0.5	ND 0.5
SWS-8	8/1/2000	ND 0.5	ND 0.5	ND 0.5
SWS-8	11/6/2000	ND 0.5	ND 0.5	ND 0.5
SWS-8	4/17/2001	ND 0.5	ND 0.5	ND 0.5
SWS-8	10/8/2001	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-8	4/23/2002	ND 0.5	ND 0.5	ND 0.5
SWS-8	10/8/2002	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-8	2/18/2003	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-8	9/3/2003	ND 0.5 UJ	ND 0.5	ND 0.5 UJ
SWS-8	2/20/2004	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-8	10/4/2004	ND 0.5	ND 0.5	ND 0.5
SWS-8	5/10/2005	ND 0.5	ND 0.5	ND 0.5
SWS-8	9/30/2005	ND 0.5	ND 0.5	ND 0.5
SWS-8	5/3/2006	ND 0.5	ND 0.5	ND 0.5
SWS-8	9/19/2006	ND 0.5 UJ	ND 0.5 UJ	ND 0.5 UJ
SWS-8	3/27/2007	ND 0.5	ND 0.5	ND 0.5
SWS-8	10/2/2007	ND 0.5	ND 0.5	ND 0.5
SWS-8	2/26/2008	ND 0.5	ND 0.5	ND 0.5
SWS-8	9/10/2008	ND 0.5	ND 0.5	ND 0.5
SWS-8	3/18/2009	ND 0.5	ND 0.5	ND 0.5
SWS-8	8/26/2009	ND 0.5	ND 0.5	ND 0.5
SWS-8	3/17/2010	ND 0.5	ND 0.5	ND 0.5
SWS-8	4/20/2011	ND 0.5	ND 0.5	ND 0.5
SWS-8	8/25/2011	ND 0.5	ND 0.5	ND 0.5 UJ

**Appendix B - Cumulative Analytical Results for TCE, cDCE, and VC
Northwest Site Area; GE Wilmington**

Location	Sample Date	Trichloroethylene (µg/L)	cis-1,2-Dichloro- ethylene (µg/L)	Vinyl Chloride (µg/L)
NC 2L GW Quality Standard (µg/L)		3	70	0.03
SWS-8	2/15/2012	ND 0.5	ND 0.5	ND 0.5
SWS-9	8/12/1998	30.4*	562.0*	ND 0.50
SWS-9	11/11/1998	ND 0.50	8.47	ND 0.50
SWS-9	1/11/1999	0.34 Jr	440.0*	ND 0.50
SWS-9	1/29/1999	ND 0.50	251.0*	ND 0.50
SWS-9	3/18/1999	ND 0.5	272.0*	0.5 JI*
SWS-9	5/18/1999	ND 0.5	56.2	ND 0.5
SWS-9	8/17/1999	ND 0.5	13.9	ND 0.5
SWS-9	11/16/1999	ND 0.5	8.0	ND 0.5 UJ
SWS-9	2/13/2000	ND 0.5	127.0*	ND 0.5
SWS-9	6/13/2000	ND 0.5	18.0	ND 0.5 UJ
SWS-9	8/1/2000	ND 0.5	104.0*	ND 0.5
SWS-9	11/6/2000	ND 0.5	15.8	ND 0.5
SWS-9	4/17/2001	ND 0.5	1.5	ND 0.5
SWS-9	10/8/2001	ND 0.5	0.7	ND 0.5
SWS-9	4/23/2002	ND 0.5	0.9	ND 0.5
SWS-9	10/8/2002	ND 0.5	1.8	ND 0.5 UJ
SWS-9	2/18/2003	ND 0.5	56.3	ND 0.5 UJ
SWS-9	9/3/2003	ND 0.5	ND 0.5	ND 0.5
SWS-9	2/19/2004	ND 0.5	ND 0.5	ND 0.5 UJ
SWS-9	10/4/2004	ND 0.5	ND 0.5	ND 0.5
SWS-9	5/10/2005	ND 0.5	ND 0.5	ND 0.5
SWS-9	9/30/2005	ND 0.5	ND 0.5	ND 0.5
SWS-9	5/3/2006	ND 0.5	ND 0.5	ND 0.5
SWS-9	9/19/2006	ND 0.5 UJ	0.8 J	ND 0.5 UJ
SWS-9	3/27/2007	ND 0.5	ND 0.5	ND 0.5
SWS-9	2/26/2008	ND 0.5	5.8	1.1*
SWS-9	9/10/2008	ND 0.5	ND 0.5	ND 0.5
SWS-9	3/18/2009	ND 0.5	ND 0.5	ND 0.5
SWS-9	8/26/2009	ND 0.5	ND 0.5	ND 0.5
SWS-9	3/17/2010	ND 0.5	ND 0.5	ND 0.5
SWS-9	4/20/2011	ND 0.5	ND 0.5	ND 0.5
SWS-9	8/25/2011	ND 0.5	1.27	ND 0.5
SWS-9	2/15/2012	ND 0.5	ND 0.5	ND 0.5
SWS-9	9/26/2012	ND 0.5	ND 0.5	ND 0.5
SWS-9	4/24/2013	ND 0.5	ND 0.5	ND 0.5
SWS-9	10/10/2013	ND 0.5	ND 0.5	ND 0.5
SWS-9	3/25/2014	ND 0.5	ND 0.5	ND 0.5
SWS-9	1/20/2015	ND 0.5	ND 0.5	ND 0.5
SWS-9	9/2/2015	ND 0.5	ND 0.5	ND 0.5
SWS-9	9/2/2015	ND 0.5	ND 0.5	ND 0.5

Notes:

ND 0.5 = Not detected. The number following "ND" is the analysis-specific practical quantitation limit (PQL).

* Bolded values exceed the NC Groundwater Quality Standard (shown in first row)

Refer to Table 2 for an explanation of data qualifier flags (J, Jh, JI, Jr, UJ, Ub).