ECS CAROLINAS, LLP
"Setting the Standard for Service"
Geotechnical • Construction Materials • Environmental • Facilities
NC Registered Engineering Firm F-1078

November 28, 2011

Mr. Peter Broadley
Cape Fear Soccer Complex
6726 Netherlands Drive
Wilmington, NC 28405

Reference: Annual Groundwater and Methane Monitoring Report
Cape Fear Soccer Complex
211 Sutton Steam Plant Road
Wilmington, New Hanover County, North Carolina
ECS Carolinas, LLP Project No. 22-12830E

Dear Mr. Broadley:

ECS Carolinas, LLP (ECS) is pleased to provide you with the results of our annual groundwater and methane monitoring for the referenced property. Our services were provided in general accordance with ECS Proposal No. 14786 dated July 25, 2011 and accepted October 10, 2011.

PROJECT INFORMATION

The Cape Fear Soccer Complex was redeveloped under a Brownfields Agreement between the site developer and the North Carolina Department of Environment and Natural Resources (NCDENR). Per this agreement, annual groundwater monitoring and methane monitoring is required. The current Brownfields agreement has been included in Appendix I of this report. The original monitoring wells at the site had either been destroyed during redevelopment activities or required relocation due to adjacent property operations. ECS installed seven groundwater monitoring wells and two methane monitoring wells at the site on February 21, 2007 with subsequent groundwater and methane gas sampling. Information pertaining to the well installations was included in the Annual Groundwater and Methane Monitoring Report dated March 19, 2007 and prepared by ECS.

METHANE MONITORING

On October 28, 2011, ECS mobilized to the site to record methane readings from the two methane monitoring wells. A RKI Eagle, Portable Gas Monitor with Infrared Sensor was used to measure the methane readings. Ambient readings were collected in the vicinity of the well, prior to removing the well cap. ECS then removed the well cap, placed a plastic bag over each methane monitoring well casing and sealed the bag to the PVC with duct tape. The sampling probe was used to puncture the plastic bag to obtain the readings. Initial readings were recorded. The readings were allowed to stabilize (approximately 15 to 20 minutes). The stabilized readings were also recorded. The following table lists the methane readings.

Monitoring Well	Date	Peak	Stabilized Reading (after 15-20 minutes)
M-1	02/28/2007	6,000 ppm	650 ppm
	07/02/2008	8,200 ppm	2,600 ppm
	07/09/2009	2,000 ppm	1,697 ppm
	09/16/2010	>4.9 %	NA
	10/28/2011	100%	100%
M-2	02/28/2007	1,000 ppm	500 ppm
	07/02/2008	10,000 ppm	2,800 ppm
	07/09/2009	1,400 ppm	976 ppm
	09/16/2010	9,380 ppm	1.90%
	10/28/2011	0%	0%

ppm = parts per million, 10,000 ppm = 1.0 %
*The RKI Eagle Portable Gas Monitor did not display percentages less than 1.0%.
*In 2009 the Foxboro TVA 1000 was utilized to monitor methane concentrations. It does not record concentrations greater than 5.0%, which is the lower explosive limit (LEL) for gaseous methane (source www.msdsonline.com). **The Foxboro TVA 1000 converts from ppm to percentage after the value exceeds 10,000 ppm.

Based on the readings observed at M-1, it appears pure methane is emanating from M-1. Methane concentrations sampled from the ambient air did not exceed 0%, therefore, it appears the well cap is successfully containing the methane gas. Due to the exceedingly high methane concentrations compared to previous the sampling event, multiple methane concentrations were analyzed. The first sample was measured immediately after removing the well cap, the second sample was measured 15 minutes later and the third sample was measured 35 minutes after opening the well cap. ECS personnel removed the plastic bag, and installed a second plastic bag. Subsequent observations revealed the methane concentration to remain at 100%.

GROUNDWATER MONITORING

On October 27 and 28, 2011, ECS mobilized to the site to collect groundwater samples from the existing groundwater monitoring wells. ECS purged each well (three well volumes) prior to sampling using a monofilament line and disposable plastic bailer. Field measurements of temperature, pH, turbidity and specific conductance were recorded after each well volume. After purging the wells, a groundwater sample was collected from each well using the disposable plastic bailer. The samples were placed in laboratory prepared containers using a new pair of disposable nitrile gloves. The sample containers were labeled with the project name, sample location and the date and time that the sample was collected. The sample containers were then placed in two separate coolers containing ice (4°C) and were delivered to Pace Analytical, Inc., a North Carolina certified laboratory located in Asheville, North Carolina under chain-of-custody. The groundwater samples were analyzed for volatile organic compounds (VOCs) using EPA

Method 8260, Priority Pollutant Metals by EPA Method 6010B, nitrate-nitrite, ammonia, chloride, chemical oxygen demand (COD) and total organic carbon (TOC).

The laboratory analytical results of the groundwater sampling have been summarized in the attached Table 1. Seventeen (17) target constituents were identified in the groundwater samples. Of these, seven constituents (benzene, 1.4-dichlorobenzene, 4-isopropyltoluene, naphthalene, chromium, lead, and zinc) were identified in at least one well at concentrations exceeding the State 15A NCAC 2L groundwater standards.

Wells GW-1, GW-2, GW-3 and W-1 and showed a decrease in VOCs in the 2011 sampling event compared to the 2010 sampling event. Nonetheless, benzene concentrations detected in wells GW-1, GW-2, GW-4 and W-5 were above the 15A NCAC 2L Standard. A 50% decrease in benzene concentrations was observed at GW-1, benzene concentrations at GW-2 slightly decreased and benzene concentrations at GW-4 and W-5 appeared relatively consistent with 2010 concentration. During last year's monitoring, naphthalene concentrations were detected at concentrations four times greater than the 2L Standard at GW-1. However, this year, Napthalene concentrations were not detected above laboratory detection limit at well GW-1. Napthalene concentrations increased at W-5.

Concentrations of selenium and mercury were not detected above laboratory detection limits at any of the wells sampled. Concentrations of arsenic, copper and nickel were detected below the 2L Standard at most of the well locations. The wells sampled showed an overall decrease in chromium concentrations; however, wells GW-4, W-1 and W-5 are still above the 2L Standard. Lead concentrations at GW-4 and W-5 were detected above the 2L Standard. Levels of zinc remain elevated at GW-3, however, the concentration level has decreased since the 2009 sampling event. The highest turbidity concentration was observed at W-1, which did not have concentrations of metals above the 2L Standard.

Chemical oxygen demand decreased at each sampling well, except at GW-1 which had a reading of 142 mg/L (124 mg/L in 2010). Ammonia concentrations increased at wells GW-1, GW-4, W-3 and W-5; and decreased at GW-2, GW-3 and W-1. Since 2007, the concentrations of ammonia have decreased over time. Chloride concentrations decreased at all of the monitoring wells. Nitrate/Nitrite concentrations were generally the same as the 2010 sampling event. Total Organic Carbon concentrations increased slightly at GW-1 W-1, and showed overall decreases at the remaining wells. Samples from each well contained pH readings of less than 6.5 standard units.

CONCLUSIONS AND RECOMMENDATIONS

In October 2011, ECS performed methane gas monitoring from two monitoring wells and collected groundwater samples from seven monitoring wells. The results of the methane monitoring at M-2 showed a decrease in methane gas concentrations since the 2010 sampling event. In 2010 and 2011, the methane concentrations in well M-1 exceeded the lower explosive limit (5%) for methane. The current results at M-1 showed a reading of 100% methane.

Elevated concentrations benzene continues to be observed at GW-1, GW-2, GW-4 and W-5. The remaining VOC concentrations appear to have remained unchanged or slightly increased over time, except for Naphthalene concentrations at W-5.

The site showed a general decrease in concentrations of metals since the 2010 sampling event. However, concentrations of chromium and lead remain elevated at GW-4 and W-5; and zinc remains elevated at GW-3. Each of the wells with elevated concentrations of metals had high turbidity readings. A high turbidity reading results from an increased number of suspended sediments. Suspended sediments can act as a bonding agent for heavy metals, and in turn result in increased concentration of heavy metals in the groundwater samples. However, the highest turbidity reading was observed at W-1, which did not have metal concentrations above the 2L Standard. Therefore, the elevated concentrations of heavy metals may not be directly related to the high turbidity values.

Based on the results of the methane monitoring at M-1, ECS recommends contacting the NCDENR immediately. Additional monitoring requirements may be required as per recommendations set forth by NCDENR. At a minimum, continued monitoring in agreement with the site's Brownfields Agreement appears warranted.

ECS is pleased to have the opportunity to offer our services. If you have any questions or comments concerning the contents of the enclosed documents or other related topics, please contact us at (910) 686-9114.

Respectfully submitted,

ECS CAROLINAS, LLP

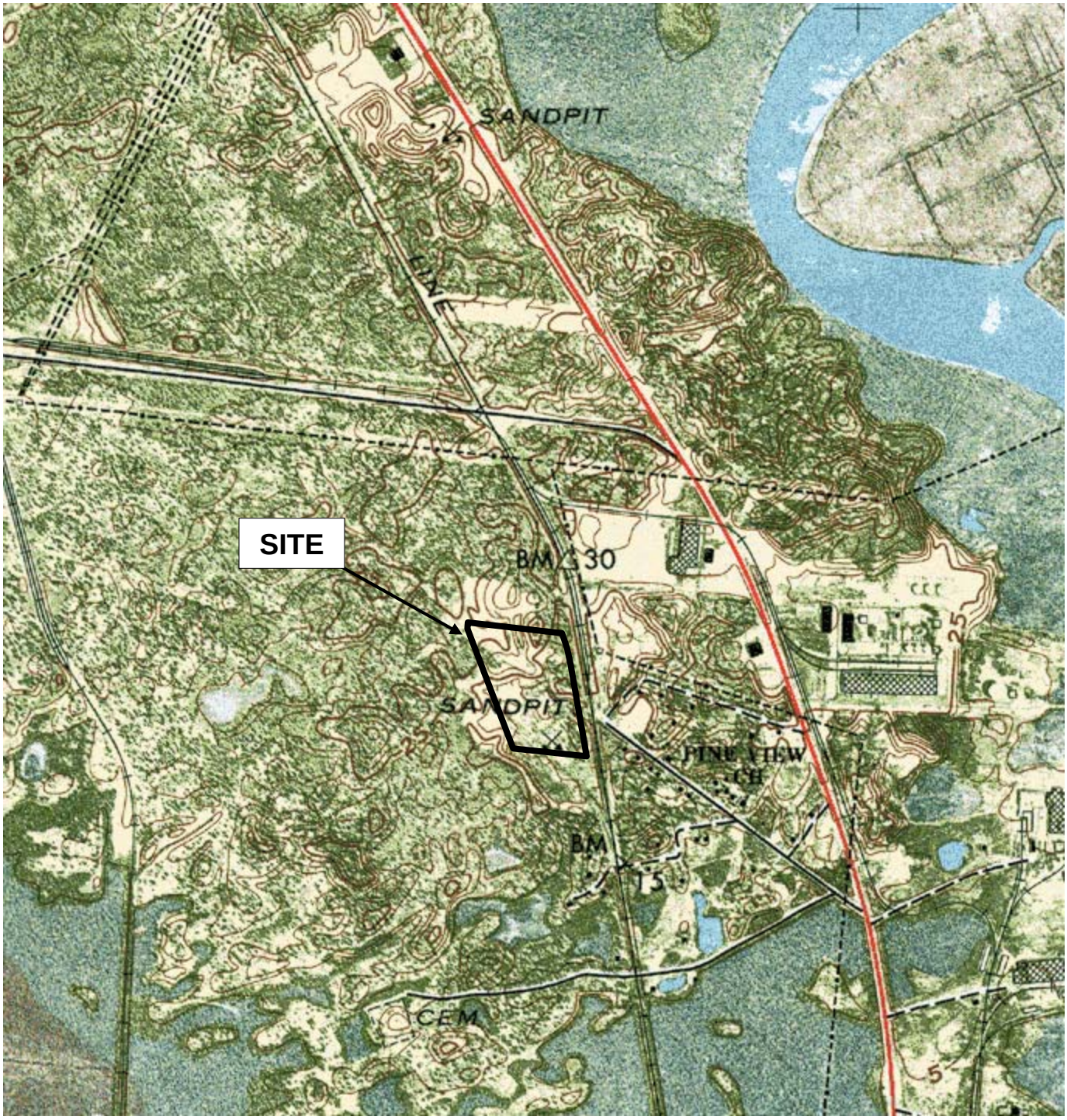
C. Paul Pascarosa
Staff Environmental Project Manager

NORTH CAROLINA PROFESSIONAL SEAL 035138 ENGINEER ARIC V. GEDA

11/30/11

Aric V. Geda, P.E.
Principal Engineer

Enclosures: **Figures**
Table 1 – Summary of Groundwater Data
Laboratory Data Sheets
Appendix 1 – Brownfields Agreement



LEGEND

Approximate Site Boundary

N

Note: This map was produced prior to the development of the site.

SOURCE:

United States Geological Survey 7.5-Minute Series Topographic Map:
Castle Hayne, North Carolina, 1970
Contour Interval = 5 feet

Scale 1" = 2,000'

ECS LLP CAROLINAS

Figure 1: LOCATION MAP
Annual Groundwater and Methane Monitoring Report
Cape Fear Soccer Complex
211 Sutton Steam Plant Road
Wilmington, North Carolina
ECS Project No. 22:12830E

LEGEND

Approximate Site Boundary

N

SOURCE:

Coastal Land Design Cape Fear Soccer Complex Monitoring Well Plan

NOT TO SCALE

ECS LLP CAROLINAS

FIGURE 2: SITE MAP
Annual Groundwater and Methane Monitoring Report
Cape Fear Soccer Complex
211 Sutton Steam Plant Road
Wilmington, North Carolina
ECS Project No. 22:12830E

TABLE 1 - SUMMARY OF GROUNDWATER DATA
CAPE FEAR SOCCER COMPLEX
211 SUTTON STEAM PLANT ROAD
WILMINGTON, NORTH CAROLINA
ECS PROJECT NO. 22-12830E

		Well Location							
Analyte	**Date**	**GW-1**	**GW-2**	**GW-3**	**GW-4**	**W-1**	**W-3**	**W-5**	**15A NCAC 2L Standard**
Benzene (ug/L)	02/23/2007	**8.08**	**10.40**	<1.00	**2.26**	<1.00	<1.00	**11.00**	1.0
	07/07/2008	**6.43**	**6.43**	<1.00	**2.43**	<1.00	<1.00	**9.79**	
	07/09/2009	**7.09**	**7.32**	<1.00	<1.00	**2.53**	<1.00	**8.03**	
	10/05/2010	**8.5**	**8.6**	<1.0	**2.5**	<1.0	<1.0	**7.2**	
	10/28/2011	**4.3**	**7.7**	<1.0	**2.6**	<1.0	<1.0	**7.8**	
Chlorobenzene (ug/L)	02/23/2007	14.30	**58.10**	<1.00	49.60	<1.00	3.77	13.40	50
	07/07/2008	13.10	24.10	<1.00	40.50	1.59	2.46	13.10	
	07/09/2009	22.90	11.30	<1.00	<1.00	20.6	<1.00	36.80	
	10/05/2010	39.5	**54.5**	1.0	34.4	<1.0	<1.0	9.1	
	10/28/2011	15.2	34.0	<1.00	18.8	<1.0	<1.0	15.1	
1,2-Dichlorobenzene (ug/L)	02/23/2007	<1.00	2.72	<1.00	5.38	<1.00	<1.00	<1.00	20
	07/07/2008	<1.00	1.82	<1.00	4.06	<1.00	<1.00	<1.00	
	07/09/2009	1.10	<1.00	<1.00	<1.00	2.01	<1.00	2.33	
	10/05/2010	1.3	6.6	<1.00	3.8	<1.0	<1.0	<1.0	
	10/28/2011	<1.0	3.1	<1.00	2.0	<1.0	<1.0	<1.0	
1,4-Dichlorobenzene (ug/L)	02/23/2007	2.37	5.76	<1.00	6.52	<1.00	<1.00	1.82	6
	07/07/2008	2.71	5.08	<1.00	7.23	<1.00	<1.00	2.36	
	07/09/2009	3.60	1.72	<1.00	<1.00	4.72	<1.00	5.87	
	10/05/2010	6.3	11.5	1.4	6.1	<1.0	<1.0	1.0	
	10/28/2011	3.6	**7.1**	<1.00	5.0	<1.0	<1.0	1.8	
Isopropylbenzene (ug/L)	02/23/2007	1.48	<2.0	<1.00	<2.00	<1.00	<1.00	1.28	70
	07/07/2008	1.52	1.71	<1.00	1.07	<1.00	<1.00	1.37	
	07/09/2009	1.62	1.14	<1.00	<1.00	<1.00	<1.00	1.56	
	10/05/2010	NA	NA	NA	NA	NA	NA	NA	
	10/28/2011	NA	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene (ug/L)	02/23/2007	3.61	<2.0	<1.00	<2.00	<1.00	<1.00	<1.00	25*
	07/07/2008	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
	07/09/2009	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
	10/05/2010	2.30	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
	10/28/2011	<1.0	<1.0	**88**	<1.0	<1.0	<1.0	<1.0	
Naphthalene (ug/L)	02/23/2007	7.84	<2.0	<1.00	<2.00	<1.00	<1.00	**23.10**	6
	07/07/2008	7.70	<1.00	<1.00	1.35	<1.00	<1.00	**21.50**	
	07/09/2009	8.77	13.60	<1.00	<1.00	1.87	<1.00	<1.00	
	10/05/2010	**25.3**	1.5	<1.0	1.6	<1.0	<1.0	**6.3**	
	10/28/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**10.2**	
n-Propylbenzene (ug/L)	02/23/2007	<1.00	<2.0	<1.00	<2.00	<1.00	<1.00	<1.00	70
	07/07/2008	<1.00	1.37	<1.00	<1.00	<1.00	<1.00	<1.00	
	07/09/2009	1.37	<1.00	<1.00	<1.00	<1.00	<1.00	1.26	
	10/05/2010	NA	NA	NA	NA	NA	NA	NA	
	10/28/2011	NA	NA	NA	NA	NA	NA	NA	
Arsenic (mg/L)	02/23/2007	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0100
	07/07/2008	0.0139	<0.0100	0.0313	**0.0627**	0.0366	<0.0100	0.0234	
	07/09/2009	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	
	10/05/2010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0108	
	10/28/2011	<0.0050	<0.0050	<0.0050	0.0061	0.0053	<0.0050	0.0070	
Chromium (mg/L)	02/23/2007	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0100
	07/07/2008	0.0446	0.0406	**0.1340**	**0.2560**	**0.0963**	0.0456	0.0916	
	07/09/2009	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	
	10/05/2010	<0.0050	**0.0137**	**0.0128**	0.0029	**0.0227**	**0.0178**	**0.0413**	
	10/28/2011	<0.0050	<0.0050	0.0081	**0.0267**	**0.0233**	0.0099	**0.0268**	
Copper (mg/L)	02/23/2007	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	1.0
	07/07/2008	0.1050	0.0450	0.0523	**0.2000**	0.0610	0.0338	0.0840	
	07/09/2009	<0.0100	<0.0100	0.0160	<0.0100	<0.0100	<0.0100	<0.0100	
	10/05/2010	0.0239	0.0185	0.0164	0.0141	0.0071	0.0098	0.0404	
	10/28/2011	0.0092	<0.0050	0.0267	0.0226	0.0100	0.0068	0.0269	
Lead (mg/L)	02/23/2007	0.0113	**0.0193**	**0.1470**	**0.0450**	**0.0512**	<0.0100	0.0106	0.0150
	07/07/2008	**0.0771**	**0.0465**	**0.0707**	**0.1870**	**0.0602**	**0.0346**	**0.113**	
	07/09/2009	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	
	10/05/2010	0.0068	**0.0194**	0.0094	**0.0196**	0.0121	0.0136	**0.0585**	
	10/28/2011	0.0068	<0.0050	<0.0050	**0.171**	0.0114	0.0054	**0.0285**	
Nickle (mg/L)	02/23/2007	<0.0100	<0.0100	0.0529	<0.0100	<0.0100	<0.0100	<0.0100	0.1000
	07/07/2008	**0.1460**	0.0366	0.0698	**0.1560**	**0.263**	0.0253	0.0477	
	07/09/2009	<0.0100	<0.0100	**0.1130**	<0.0100	<0.0100	<0.0100	<0.0100	
	10/05/2010	0.0162	0.0127	0.0631	0.0209	0.0137	0.0117	0.0256	
	10/28/2011	0.0165	<0.0050	0.0517	0.0158	0.0106	0.0050	0.0124	
Selenium (mg/L)	02/23/2007	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.0200
	07/07/2008	0.0332	0.0251	0.0231	0.0385	<0.0200	<0.0200	0.0319	
	07/09/2009	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	
	10/05/2011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
	10/28/2011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	

TABLE 1 - SUMMARY OF GROUNDWATER DATA (continued)
CAPE FEAR SOCCER COMPLEX
211 SUTTON STEAM PLANT ROAD
WILMINGTON, NORTH CAROLINA
ECS PROJECT NO. 22-12830E

		Well Location							
Analyte	**Date**	**GW-1**	**GW-2**	**GW-3**	**GW-4**	**W-1**	**W-3**	**W-5**	**15A NCAC 2L Standard**
Zinc (mg/L)	02/23/2007	0.0841	0.0447	**5.1600**	0.0482	<0.0200	<0.0200	0.0219	1.0
	07/07/2008	0.5880	0.1960	0.1750	**2.1900**	**22.0000**	0.0680	0.422	
	07/09/2009	<0.0200	<0.0200	**11.4000**	<0.0200	<0.0200	<0.0200	<0.0200	
	10/05/2010	0.0120	0.0238	**9.0500**	0.1890	0.0205	0.0218	0.2000	
	10/28/2011	0.0597	0.0235	**4.490**	0.226	0.0381	0.0169	0.107	
Mercury (mg/L)	02/23/2007	<0.000285	<0.000285	<0.000285	<0.000285	<0.000285	<0.000285	<0.000285	0.001
	07/07/2008	0.000444	<0.000285	<0.000285	**0.002040**	0.000679	<0.000285	0.000892	
	07/09/2009	<0.000285	<0.000285	<0.000285	<0.000285	<0.000285	<0.000285	<0.000285	
	10/05/2010	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	0.000430	
	10/28/2011	<0.00020	<0.00020	<0.00020	0.000350	<0.00020	<0.00020	0.000560	
Ammonia (mg/L)	02/23/2007	**17.0**	**39.5**	0.2	**12.1**	**1.2**	**2.6**	**14.4**	1.5
	07/07/2008	**11.4**	**25.2**	0.4	**16.2**	**1.7**	1.1	**13.5**	
	07/09/2009	**12.2**	**42.7**	0.4	**11.1**	0.4	<0.25	**11.0**	
	09/16/2010	**8.5**	**36.6**	**4.3**	**6.1**	0.4	<0.1	**8.9**	
	10/28/2011	**9.6**	**26.1**	**2.2**	**17.7**	**1.3**	0.35	**9.8**	
Chloride (mg/L)	02/23/2007	16.20	10.90	4.50	5.50	4.5	3.80	5.70	250
	07/07/2008	10.20	5.75	6.00	6.10	4.77	4.55	5.74	
	07/09/2009	6.24	10.50	7.39	5.22	4.23	3.35	5.51	
	10/05/2010	5.50	32.60	7.50	7.50	<5.0	<5.0	6.60	
	10/28/2011	<5.00	6.1	<5.0	<5.0	<5.0	<5.0	<5.0	
COD (mg/L)	02/23/2007	74.0	107.0	12.0	60.0	10	11.0	44.0	NS
	07/07/2008	332.0	132.0	354.0	765.0	172	107.0	702.0	
	07/09/2009	52.1	64.5	13.7	57.6	<12.5	<12.5	39.1	
	09/17/2010	124	121	100	364	109	25	354	
	10/28/2011	142	51.0	33.0	128	93.0	<25.0	193	
Nitrate/Nitrite (mg/L)	02/23/2007	<0.02	<0.02	2.75	0.02	2.73	2.63	<0.02	NS
	07/07/2008	0.07	0.07	0.90	0.09	5.34	2.70	0.06	
	07/09/2009	<0.1	<0.1	2.15	<0.1	5.36	2.99	<0.1	
	09/17/2010	<0.10	<0.10	3.3	0.2	3.1	2.5	<0.1	
	10/28/2011	<0.20	<0.20	3.1	<0.20	5.5	2.3	<0.2	
TOC (mg/L)	02/23/2007	35.10	26.60	5.00	9.40	4.0	6.5	32.9	NS
	07/07/2008	29.80	19.00	37.70	80.80	11.0	5.39	40.6	
	07/09/2009	14.00	17.20	4.23	13.10	1.55	0.529	9.69	
	10/05/2010	42.20	183.00	30.70	42.60	20.90	16.10	191.00	
	10/28/2011	44.70	28.0	9.7	32.3	25.8	4.1	28.4	
pH (su)	02/23/2007	6.78	6.87	5.92	6.49	6.56	6.58	6.51	6.5-8.5
	07/07/2008	**5.95**	**6.28**	**4.78**	**5.85**	**4.78**	**4.79**	7.05	
	07/09/2009	**6.09**	**6.28**	**6.20**	**5.89**	**5.00**	**6.05**	**5.80**	
	10/05/2010	**5.96**	**6.41**	**4.43**	**6.05**	**5.02**	**3.94**	**5.84**	
	10/28/2011	**6.23**	**6.25**	**5.76**	**6.18**	**5.44**	**5.00**	**6.08**	
Temperature (°C)	02/23/2007	18.2	21.0	17.8	18.4	17.9	17.9	20.0	NS
	07/07/2008	21.5	23.3	23.4	23.3	23.8	23.6	28.0	
	07/09/2009	22.2	22.9	25.1	26.4	33.0	23.2	30.7	
	10/05/2010	23.7	22.8	22.1	24.6	25.0	24.8	22.9	
	10/28/2011	21.5	25.5	20.9	22.1	22.8	22.2	18.8	
Conductivity (mS/cm)	02/23/2007	0.948	1.05	0.235	0.657	0.340	0.308	0.648	NS
	07/07/2008	0.71	0.77	0.31	0.53	0.12	0.01	0.56	
	07/09/2009	0.54	0.96	error	error	0.10	0.07	0.49	
	10/05/2010	0.68	1.48	0.22	0.6	0.08	0.04	0.52	
	10/28/2011	0.54	1.12	0.22	0.52	0.13	0.03	0.48	
Tubidity (NTU)	02/23/2007	131	134	143	114	162	120	122	NS
	07/07/2008	3.14	358	49.7	error	2,242	1,115	27,000	
	07/09/2009	3.20	5	8.3	19.0	3.55	1.70	21.0	
	10/05/2010	20	104	276	196	721	201	1341	
	10/28/2011	21.2	8.72	79.6	681	927	132	915	

NA = Not Analyzed
NS = No Standard
error = instrument error

Updated by: CPP 11/19/2011
Checked by: ACC 11/22/11

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

November 09, 2011

Paul Pascarosa
ECS
7211 Ogden Business Park
Wilmington, NC 28411

RE: Project: CFSC
Pace Project No.: 92105379

Dear Paul Pascarosa:
Enclosed are the analytical results for sample(s) received by the laboratory on October 29, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie McKee

bonnie.mckee@pacelabs.com
Project Manager

Enclosures

cc: Ms. Amy Conchas, ECS

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: CFSC
Pace Project No.: 92105379

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Virginia Drinking Water Certification #: 00213
Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DHH Drinking Water # LA 100031
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460144

Asheville Certification IDs
2225 Riverside Dr., Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia Certification #: 00072
West Virginia Certification #: 356
Virgina/VELAP Certification #: 460147

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: CFSC
Pace Project No.: 92105379

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92105379001	**GW-2**	EPA 6010	JMW	12	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	63	PASI-C
		EPA 350.1	SDH	1	PASI-A
		EPA 353.2	AES	3	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
		SM 5220D	DMN	1	PASI-A
		SM 5310B	SAJ	1	PASI-A
92105379002	**GW-3**	EPA 6010	JMW	12	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	63	PASI-C
		EPA 350.1	SDH	1	PASI-A
		EPA 353.2	AES	3	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
		SM 5220D	DMN	1	PASI-A
		SM 5310B	SAJ	1	PASI-A
92105379003	**GW-4**	EPA 6010	JMW	12	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	63	PASI-C
		EPA 350.1	SDH	1	PASI-A
		EPA 353.2	AES	3	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
		SM 5220D	DMN	1	PASI-A
		SM 5310B	SAJ	1	PASI-A
92105379004	**W-1**	EPA 6010	JMW	12	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	63	PASI-C
		EPA 350.1	SDH	1	PASI-A
		EPA 353.2	AES	3	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
		SM 5220D	DMN	1	PASI-A
		SM 5310B	SAJ	1	PASI-A
92105379005	**W-3**	EPA 6010	JMW	12	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	63	PASI-C
		EPA 350.1	SDH	1	PASI-A
		EPA 353.2	AES	3	PASI-A

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: CFSC
Pace Project No.: 92105379

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 4500-Cl-E	JDA	1	PASI-A
		SM 5220D	DMN	1	PASI-A
		SM 5310B	SAJ	1	PASI-A
92105379006	**W-5**	EPA 6010	JMW	12	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	63	PASI-C
		EPA 350.1	SDH	1	PASI-A
		EPA 353.2	AES	3	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
		SM 5220D	DMN	1	PASI-A
		SM 5310B	SAJ	1	PASI-A
92105379007	**GW-13**	EPA 6010	JMW	12	PASI-A
	Should be labeled GW-1 (there is no GW-13 on-site)	EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	63	PASI-C
		EPA 350.1	SDH	1	PASI-A
		EPA 353.2	AES	3	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
		SM 5220D	DMN	1	PASI-A
		SM 5310B	SAJ	1	PASI-A
92105379008	**DUPLICATE**	EPA 6010	JMW	12	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	MCK	63	PASI-C
		EPA 350.1	SDH	1	PASI-A
		EPA 353.2	AES	3	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
		SM 5220D	DMN	1	PASI-A
		SM 5310B	SAJ	1	PASI-A

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: GW-2 **Lab ID: 92105379001** Collected: 10/27/11 16:30 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/31/11 11:45	11/01/11 20:59	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/31/11 11:45	11/01/11 20:59	7440-38-2	
Beryllium	ND	ug/L	1.0	1	10/31/11 11:45	11/01/11 20:59	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/31/11 11:45	11/01/11 20:59	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/31/11 11:45	11/01/11 20:59	7440-47-3	
Copper	ND	ug/L	5.0	1	10/31/11 11:45	11/01/11 20:59	7440-50-8	
Lead	ND	ug/L	5.0	1	10/31/11 11:45	11/01/11 20:59	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/31/11 11:45	11/01/11 20:59	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/31/11 11:45	11/01/11 20:59	7782-49-2	
Silver	ND	ug/L	5.0	1	10/31/11 11:45	11/01/11 20:59	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/31/11 11:45	11/01/11 20:59	7440-28-0	
Zinc	**23.5**	ug/L	10.0	1	10/31/11 11:45	11/01/11 20:59	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/02/11 10:55	11/04/11 11:46	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/08/11 04:30	67-64-1	
Benzene	**7.7**	ug/L	1.0	1		11/08/11 04:30	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/08/11 04:30	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/08/11 04:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/08/11 04:30	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/08/11 04:30	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/08/11 04:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/08/11 04:30	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/08/11 04:30	56-23-5	
Chlorobenzene	**34.0**	ug/L	1.0	1		11/08/11 04:30	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/08/11 04:30	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/08/11 04:30	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/08/11 04:30	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 04:30	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 04:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/08/11 04:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/08/11 04:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/08/11 04:30	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/08/11 04:30	74-95-3	
1,2-Dichlorobenzene	**3.1**	ug/L	1.0	1		11/08/11 04:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 04:30	541-73-1	
1,4-Dichlorobenzene	**7.1**	ug/L	1.0	1		11/08/11 04:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/08/11 04:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/08/11 04:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/08/11 04:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/08/11 04:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 04:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 04:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 04:30	78-87-5	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: GW-2 **Lab ID: 92105379001** Collected: 10/27/11 16:30 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichloropropane	ND	ug/L	1.0	1		11/08/11 04:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 04:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/08/11 04:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 04:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 04:30	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/08/11 04:30	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		11/08/11 04:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/08/11 04:30	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/08/11 04:30	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/08/11 04:30	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/08/11 04:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/08/11 04:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/08/11 04:30	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		11/08/11 04:30	91-20-3	
Styrene	ND	ug/L	1.0	1		11/08/11 04:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 04:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 04:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/08/11 04:30	127-18-4	
Toluene	ND	ug/L	1.0	1		11/08/11 04:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 04:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 04:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/08/11 04:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/08/11 04:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/08/11 04:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/08/11 04:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/08/11 04:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/08/11 04:30	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/08/11 04:30	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/08/11 04:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/08/11 04:30	95-47-6	
4-Bromofluorobenzene (S)	101	%	70-130	1		11/08/11 04:30	460-00-4	
Dibromofluoromethane (S)	104	%	70-130	1		11/08/11 04:30	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		11/08/11 04:30	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		11/08/11 04:30	2037-26-5	
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**26.1**	mg/L	0.50	5		11/07/11 18:07	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.20	1		10/29/11 16:10		M1
Nitrogen, Nitrite	**0.13**	mg/L	0.10	1		10/29/11 16:10		M1
Nitrogen, NO2 plus NO3	ND	mg/L	0.20	1		10/29/11 16:10		M1
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**6.1**	mg/L	5.0	1		11/07/11 15:40	16887-00-6	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: GW-2 **Lab ID: 92105379001** Collected: 10/27/11 16:30 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D							
Chemical Oxygen Demand	**51.0**	mg/L	25.0	1		11/04/11 23:00		
5310B TOC	Analytical Method: SM 5310B							
Total Organic Carbon	**28.0**	mg/L	1.0	1		10/31/11 22:50	7440-44-0	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: GW-3 **Lab ID: 92105379002** Collected: 10/28/11 09:30 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 15:55	7440-36-0	
Arsenic	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 15:55	7440-38-2	
Beryllium	ND	ug/L	1.0	1	11/03/11 11:55	11/04/11 15:55	7440-41-7	
Cadmium	**1.1**	ug/L	1.0	1	11/03/11 11:55	11/04/11 15:55	7440-43-9	
Chromium	**8.1**	ug/L	5.0	1	11/03/11 11:55	11/04/11 15:55	7440-47-3	
Copper	**26.7**	ug/L	5.0	1	11/03/11 11:55	11/04/11 15:55	7440-50-8	
Lead	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 15:55	7439-92-1	
Nickel	**51.7**	ug/L	5.0	1	11/03/11 11:55	11/04/11 15:55	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/03/11 11:55	11/04/11 15:55	7782-49-2	
Silver	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 15:55	7440-22-4	
Thallium	ND	ug/L	10.0	1	11/03/11 11:55	11/04/11 15:55	7440-28-0	
Zinc	**4490**	ug/L	10.0	1	11/03/11 11:55	11/04/11 15:55	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/02/11 10:55	11/04/11 11:49	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/08/11 04:54	67-64-1	
Benzene	ND	ug/L	1.0	1		11/08/11 04:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/08/11 04:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/08/11 04:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/08/11 04:54	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/08/11 04:54	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/08/11 04:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/08/11 04:54	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/08/11 04:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/08/11 04:54	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/08/11 04:54	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/08/11 04:54	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/08/11 04:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 04:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 04:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/08/11 04:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/08/11 04:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/08/11 04:54	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/08/11 04:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 04:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 04:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 04:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/08/11 04:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/08/11 04:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/08/11 04:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/08/11 04:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 04:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 04:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 04:54	78-87-5	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: GW-3 **Lab ID: 92105379002** Collected: 10/28/11 09:30 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichloropropane	ND	ug/L	1.0	1		11/08/11 04:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 04:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/08/11 04:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 04:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 04:54	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/08/11 04:54	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		11/08/11 04:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/08/11 04:54	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/08/11 04:54	591-78-6	
p-Isopropyltoluene	**88.0**	ug/L	1.0	1		11/08/11 04:54	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/08/11 04:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/08/11 04:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/08/11 04:54	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		11/08/11 04:54	91-20-3	
Styrene	ND	ug/L	1.0	1		11/08/11 04:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 04:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 04:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/08/11 04:54	127-18-4	
Toluene	ND	ug/L	1.0	1		11/08/11 04:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 04:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 04:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/08/11 04:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/08/11 04:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/08/11 04:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/08/11 04:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/08/11 04:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/08/11 04:54	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/08/11 04:54	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/08/11 04:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/08/11 04:54	95-47-6	
4-Bromofluorobenzene (S)	98	%	70-130	1		11/08/11 04:54	460-00-4	
Dibromofluoromethane (S)	104	%	70-130	1		11/08/11 04:54	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		11/08/11 04:54	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		11/08/11 04:54	2037-26-5	
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**2.2**	mg/L	0.10	1		11/07/11 17:30	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	**3.1**	mg/L	0.20	1		10/29/11 16:17		
Nitrogen, Nitrite	ND	mg/L	0.10	1		10/29/11 16:17		
Nitrogen, NO2 plus NO3	**3.1**	mg/L	0.20	1		10/29/11 16:17		
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	5.0	1		11/07/11 15:41	16887-00-6	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: GW-3 **Lab ID: 92105379002** Collected: 10/28/11 09:30 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D							
Chemical Oxygen Demand	**33.0**	mg/L	25.0	1		11/04/11 23:00		
5310B TOC	Analytical Method: SM 5310B							
Total Organic Carbon	**9.7**	mg/L	1.0	1		11/01/11 17:49	7440-44-0	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: GW-4 **Lab ID: 92105379003** Collected: 10/28/11 10:45 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:03	7440-36-0	
Arsenic	**6.1**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:03	7440-38-2	
Beryllium	ND	ug/L	1.0	1	11/03/11 11:55	11/04/11 16:03	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/03/11 11:55	11/04/11 16:03	7440-43-9	
Chromium	**26.7**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:03	7440-47-3	
Copper	**22.6**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:03	7440-50-8	
Lead	**17.1**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:03	7439-92-1	
Nickel	**15.8**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:03	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:03	7782-49-2	
Silver	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:03	7440-22-4	
Thallium	ND	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:03	7440-28-0	
Zinc	**226**	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:03	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**0.35**	ug/L	0.20	1	11/02/11 10:55	11/04/11 11:51	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/08/11 05:18	67-64-1	
Benzene	**2.6**	ug/L	1.0	1		11/08/11 05:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/08/11 05:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/08/11 05:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/08/11 05:18	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/08/11 05:18	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/08/11 05:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/08/11 05:18	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/08/11 05:18	56-23-5	
Chlorobenzene	**18.8**	ug/L	1.0	1		11/08/11 05:18	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/08/11 05:18	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/08/11 05:18	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/08/11 05:18	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 05:18	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 05:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/08/11 05:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/08/11 05:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/08/11 05:18	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/08/11 05:18	74-95-3	
1,2-Dichlorobenzene	**2.0**	ug/L	1.0	1		11/08/11 05:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 05:18	541-73-1	
1,4-Dichlorobenzene	**5.0**	ug/L	1.0	1		11/08/11 05:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/08/11 05:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/08/11 05:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/08/11 05:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/08/11 05:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 05:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 05:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 05:18	78-87-5	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: GW-4 **Lab ID: 92105379003** Collected: 10/28/11 10:45 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichloropropane	ND	ug/L	1.0	1		11/08/11 05:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 05:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/08/11 05:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 05:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 05:18	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/08/11 05:18	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		11/08/11 05:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/08/11 05:18	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/08/11 05:18	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/08/11 05:18	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/08/11 05:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/08/11 05:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/08/11 05:18	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		11/08/11 05:18	91-20-3	
Styrene	ND	ug/L	1.0	1		11/08/11 05:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 05:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 05:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/08/11 05:18	127-18-4	
Toluene	ND	ug/L	1.0	1		11/08/11 05:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 05:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 05:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/08/11 05:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/08/11 05:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/08/11 05:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/08/11 05:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/08/11 05:18	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/08/11 05:18	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/08/11 05:18	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/08/11 05:18	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/08/11 05:18	95-47-6	
4-Bromofluorobenzene (S)	100	%	70-130	1		11/08/11 05:18	460-00-4	
Dibromofluoromethane (S)	102	%	70-130	1		11/08/11 05:18	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		11/08/11 05:18	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		11/08/11 05:18	2037-26-5	
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**17.7**	mg/L	0.50	5		11/07/11 18:09	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.20	1		10/29/11 16:25		
Nitrogen, Nitrite	ND	mg/L	0.10	1		10/29/11 16:25		
Nitrogen, NO2 plus NO3	ND	mg/L	0.20	1		10/29/11 16:25		
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	5.0	1		11/07/11 15:42	16887-00-6	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: GW-4 **Lab ID: 92105379003** Collected: 10/28/11 10:45 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D							
Chemical Oxygen Demand	**128**	mg/L	25.0	1		11/04/11 23:00		
5310B TOC	Analytical Method: SM 5310B							
Total Organic Carbon	**32.3**	mg/L	1.0	1		11/01/11 18:09	7440-44-0	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: W-1 **Lab ID: 92105379004** Collected: 10/28/11 12:00 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:12	7440-36-0	
Arsenic	**5.3**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:12	7440-38-2	
Beryllium	ND	ug/L	1.0	1	11/03/11 11:55	11/04/11 16:12	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/03/11 11:55	11/04/11 16:12	7440-43-9	
Chromium	**23.3**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:12	7440-47-3	
Copper	**10**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:12	7440-50-8	
Lead	**11.4**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:12	7439-92-1	
Nickel	**10.6**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:12	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:12	7782-49-2	
Silver	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:12	7440-22-4	
Thallium	ND	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:12	7440-28-0	
Zinc	**38.1**	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:12	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/02/11 10:55	11/04/11 11:54	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/08/11 05:43	67-64-1	
Benzene	ND	ug/L	1.0	1		11/08/11 05:43	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/08/11 05:43	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/08/11 05:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/08/11 05:43	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/08/11 05:43	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/08/11 05:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/08/11 05:43	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/08/11 05:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/08/11 05:43	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/08/11 05:43	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/08/11 05:43	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/08/11 05:43	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 05:43	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 05:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/08/11 05:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/08/11 05:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/08/11 05:43	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/08/11 05:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 05:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 05:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 05:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/08/11 05:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/08/11 05:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/08/11 05:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/08/11 05:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 05:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 05:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 05:43	78-87-5	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: W-1 **Lab ID: 92105379004** Collected: 10/28/11 12:00 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichloropropane	ND	ug/L	1.0	1		11/08/11 05:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 05:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/08/11 05:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 05:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 05:43	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/08/11 05:43	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		11/08/11 05:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/08/11 05:43	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/08/11 05:43	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/08/11 05:43	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/08/11 05:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/08/11 05:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/08/11 05:43	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		11/08/11 05:43	91-20-3	
Styrene	ND	ug/L	1.0	1		11/08/11 05:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 05:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 05:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/08/11 05:43	127-18-4	
Toluene	ND	ug/L	1.0	1		11/08/11 05:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 05:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 05:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/08/11 05:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/08/11 05:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/08/11 05:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/08/11 05:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/08/11 05:43	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/08/11 05:43	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/08/11 05:43	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/08/11 05:43	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/08/11 05:43	95-47-6	
4-Bromofluorobenzene (S)	98	%	70-130	1		11/08/11 05:43	460-00-4	
Dibromofluoromethane (S)	106	%	70-130	1		11/08/11 05:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		11/08/11 05:43	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		11/08/11 05:43	2037-26-5	
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**1.3**	mg/L	0.10	1		11/07/11 17:34	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	**5.5**	mg/L	0.20	1		10/29/11 16:32		
Nitrogen, Nitrite	ND	mg/L	0.10	1		10/29/11 16:32		
Nitrogen, NO2 plus NO3	**5.5**	mg/L	0.20	1		10/29/11 16:32		
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	5.0	1		11/07/11 15:44	16887-00-6	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: W-1 **Lab ID: 92105379004** Collected: 10/28/11 12:00 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D							
Chemical Oxygen Demand	**93.0**	mg/L	25.0	1		11/04/11 23:00		
5310B TOC	Analytical Method: SM 5310B							
Total Organic Carbon	**25.8**	mg/L	1.0	1		11/01/11 18:27	7440-44-0	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: W-3 **Lab ID: 92105379005** Collected: 10/28/11 13:15 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:26	7440-36-0	
Arsenic	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:26	7440-38-2	
Beryllium	ND	ug/L	1.0	1	11/03/11 11:55	11/04/11 16:26	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/03/11 11:55	11/04/11 16:26	7440-43-9	
Chromium	**9.9**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:26	7440-47-3	
Copper	**6.8**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:26	7440-50-8	
Lead	**5.4**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:26	7439-92-1	
Nickel	**5.0**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:26	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:26	7782-49-2	
Silver	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:26	7440-22-4	
Thallium	ND	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:26	7440-28-0	
Zinc	**16.9**	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:26	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/02/11 10:55	11/04/11 11:57	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/08/11 06:07	67-64-1	
Benzene	ND	ug/L	1.0	1		11/08/11 06:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/08/11 06:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/08/11 06:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/08/11 06:07	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/08/11 06:07	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/08/11 06:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/08/11 06:07	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/08/11 06:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/08/11 06:07	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/08/11 06:07	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/08/11 06:07	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/08/11 06:07	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 06:07	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 06:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/08/11 06:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/08/11 06:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/08/11 06:07	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/08/11 06:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 06:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 06:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 06:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/08/11 06:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/08/11 06:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/08/11 06:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/08/11 06:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 06:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 06:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 06:07	78-87-5	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: W-3 **Lab ID: 92105379005** Collected: 10/28/11 13:15 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichloropropane	ND	ug/L	1.0	1		11/08/11 06:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 06:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/08/11 06:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 06:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 06:07	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/08/11 06:07	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		11/08/11 06:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/08/11 06:07	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/08/11 06:07	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/08/11 06:07	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/08/11 06:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/08/11 06:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/08/11 06:07	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		11/08/11 06:07	91-20-3	
Styrene	ND	ug/L	1.0	1		11/08/11 06:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 06:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 06:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/08/11 06:07	127-18-4	
Toluene	ND	ug/L	1.0	1		11/08/11 06:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 06:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 06:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/08/11 06:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/08/11 06:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/08/11 06:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/08/11 06:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/08/11 06:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/08/11 06:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/08/11 06:07	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/08/11 06:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/08/11 06:07	95-47-6	
4-Bromofluorobenzene (S)	101	%	70-130	1		11/08/11 06:07	460-00-4	
Dibromofluoromethane (S)	102	%	70-130	1		11/08/11 06:07	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		11/08/11 06:07	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		11/08/11 06:07	2037-26-5	
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**0.35**	mg/L	0.10	1		11/07/11 17:35	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	**2.3**	mg/L	0.20	1		10/29/11 16:42		
Nitrogen, Nitrite	ND	mg/L	0.10	1		10/29/11 16:42		
Nitrogen, NO2 plus NO3	**2.3**	mg/L	0.20	1		10/29/11 16:42		
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	5.0	1		11/07/11 15:45	16887-00-6	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: W-3 **Lab ID: 92105379005** Collected: 10/28/11 13:15 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D							
Chemical Oxygen Demand	ND	mg/L	25.0	1		11/04/11 23:00		
5310B TOC	Analytical Method: SM 5310B							
Total Organic Carbon	**4.1**	mg/L	1.0	1		11/01/11 18:39	7440-44-0	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: W-5 **Lab ID: 92105379006** Collected: 10/28/11 14:30 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:30	7440-36-0	
Arsenic	**7.0**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:30	7440-38-2	
Beryllium	ND	ug/L	1.0	1	11/03/11 11:55	11/04/11 16:30	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/03/11 11:55	11/04/11 16:30	7440-43-9	
Chromium	**26.8**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:30	7440-47-3	
Copper	**26.9**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:30	7440-50-8	
Lead	**28.5**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:30	7439-92-1	
Nickel	**12.4**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:30	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:30	7782-49-2	
Silver	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:30	7440-22-4	
Thallium	ND	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:30	7440-28-0	
Zinc	**107**	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:30	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**0.56**	ug/L	0.20	1	11/02/11 10:55	11/04/11 12:05	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/08/11 06:31	67-64-1	
Benzene	**7.8**	ug/L	1.0	1		11/08/11 06:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/08/11 06:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/08/11 06:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/08/11 06:31	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/08/11 06:31	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/08/11 06:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/08/11 06:31	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/08/11 06:31	56-23-5	
Chlorobenzene	**15.1**	ug/L	1.0	1		11/08/11 06:31	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/08/11 06:31	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/08/11 06:31	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/08/11 06:31	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 06:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 06:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/08/11 06:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/08/11 06:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/08/11 06:31	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/08/11 06:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 06:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 06:31	541-73-1	
1,4-Dichlorobenzene	**1.8**	ug/L	1.0	1		11/08/11 06:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/08/11 06:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/08/11 06:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/08/11 06:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/08/11 06:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 06:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 06:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 06:31	78-87-5	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: W-5 **Lab ID: 92105379006** Collected: 10/28/11 14:30 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichloropropane	ND	ug/L	1.0	1		11/08/11 06:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 06:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/08/11 06:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 06:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 06:31	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/08/11 06:31	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		11/08/11 06:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/08/11 06:31	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/08/11 06:31	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/08/11 06:31	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/08/11 06:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/08/11 06:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/08/11 06:31	1634-04-4	
Naphthalene	**10.2**	ug/L	1.0	1		11/08/11 06:31	91-20-3	
Styrene	ND	ug/L	1.0	1		11/08/11 06:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 06:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 06:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/08/11 06:31	127-18-4	
Toluene	ND	ug/L	1.0	1		11/08/11 06:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 06:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 06:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/08/11 06:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/08/11 06:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/08/11 06:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/08/11 06:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/08/11 06:31	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/08/11 06:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/08/11 06:31	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/08/11 06:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/08/11 06:31	95-47-6	
4-Bromofluorobenzene (S)	100	%	70-130	1		11/08/11 06:31	460-00-4	
Dibromofluoromethane (S)	105	%	70-130	1		11/08/11 06:31	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		11/08/11 06:31	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		11/08/11 06:31	2037-26-5	
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**9.8**	mg/L	0.10	1		11/07/11 17:36	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.20	1		10/29/11 16:43		
Nitrogen, Nitrite	ND	mg/L	0.10	1		10/29/11 16:43		
Nitrogen, NO2 plus NO3	ND	mg/L	0.20	1		10/29/11 16:43		
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	5.0	1		11/07/11 15:45	16887-00-6	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: W-5 **Lab ID: 92105379006** Collected: 10/28/11 14:30 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D							
Chemical Oxygen Demand	**193**	mg/L	25.0	1		11/04/11 23:00		
5310B TOC	Analytical Method: SM 5310B							
Total Organic Carbon	**28.4**	mg/L	1.0	1		11/01/11 18:49	7440-44-0	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: GW-13 **Lab ID: 92105379007** Collected: 10/27/11 18:00 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:34	7440-36-0	
Arsenic	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:34	7440-38-2	
Beryllium	ND	ug/L	1.0	1	11/03/11 11:55	11/04/11 16:34	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/03/11 11:55	11/04/11 16:34	7440-43-9	
Chromium	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:34	7440-47-3	
Copper	**9.2**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:34	7440-50-8	
Lead	**6.8**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:34	7439-92-1	
Nickel	**16.5**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:34	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:34	7782-49-2	
Silver	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:34	7440-22-4	
Thallium	ND	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:34	7440-28-0	
Zinc	**59.7**	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:34	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	11/02/11 10:55	11/04/11 12:07	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	**47.6**	ug/L	25.0	1		11/08/11 06:56	67-64-1	
Benzene	**4.3**	ug/L	1.0	1		11/08/11 06:56	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/08/11 06:56	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/08/11 06:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/08/11 06:56	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/08/11 06:56	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/08/11 06:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/08/11 06:56	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/08/11 06:56	56-23-5	
Chlorobenzene	**15.2**	ug/L	1.0	1		11/08/11 06:56	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/08/11 06:56	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/08/11 06:56	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/08/11 06:56	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 06:56	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 06:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/08/11 06:56	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/08/11 06:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/08/11 06:56	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/08/11 06:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 06:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 06:56	541-73-1	
1,4-Dichlorobenzene	**3.6**	ug/L	1.0	1		11/08/11 06:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/08/11 06:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/08/11 06:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/08/11 06:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/08/11 06:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 06:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 06:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 06:56	78-87-5	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: GW-13 **Lab ID: 92105379007** Collected: 10/27/11 18:00 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichloropropane	ND	ug/L	1.0	1		11/08/11 06:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 06:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/08/11 06:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 06:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 06:56	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/08/11 06:56	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		11/08/11 06:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/08/11 06:56	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/08/11 06:56	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/08/11 06:56	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/08/11 06:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/08/11 06:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/08/11 06:56	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		11/08/11 06:56	91-20-3	
Styrene	ND	ug/L	1.0	1		11/08/11 06:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 06:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 06:56	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/08/11 06:56	127-18-4	
Toluene	ND	ug/L	1.0	1		11/08/11 06:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 06:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 06:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/08/11 06:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/08/11 06:56	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/08/11 06:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/08/11 06:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/08/11 06:56	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/08/11 06:56	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/08/11 06:56	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/08/11 06:56	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/08/11 06:56	95-47-6	
4-Bromofluorobenzene (S)	100	%	70-130	1		11/08/11 06:56	460-00-4	
Dibromofluoromethane (S)	103	%	70-130	1		11/08/11 06:56	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		11/08/11 06:56	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/08/11 06:56	2037-26-5	
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**9.6**	mg/L	0.10	1		11/07/11 17:37	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.20	1		10/29/11 16:14		
Nitrogen, Nitrite	ND	mg/L	0.10	1		10/29/11 16:14		
Nitrogen, NO2 plus NO3	ND	mg/L	0.20	1		10/29/11 16:14		
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	5.0	1		11/07/11 15:46	16887-00-6	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: GW-13 **Lab ID: 92105379007** Collected: 10/27/11 18:00 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D							
Chemical Oxygen Demand	**142**	mg/L	25.0	1		11/04/11 23:00		
5310B TOC	Analytical Method: SM 5310B							
Total Organic Carbon	**44.7**	mg/L	1.0	1		11/01/11 18:59	7440-44-0	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: DUPLICATE **Lab ID: 92105379008** Collected: 10/28/11 00:00 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:38	7440-36-0	
Arsenic	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:38	7440-38-2	
Beryllium	ND	ug/L	1.0	1	11/03/11 11:55	11/04/11 16:38	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/03/11 11:55	11/04/11 16:38	7440-43-9	
Chromium	**25.5**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:38	7440-47-3	
Copper	**19.1**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:38	7440-50-8	
Lead	**17.2**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:38	7439-92-1	
Nickel	**14.7**	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:38	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:38	7782-49-2	
Silver	ND	ug/L	5.0	1	11/03/11 11:55	11/04/11 16:38	7440-22-4	
Thallium	ND	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:38	7440-28-0	
Zinc	**214**	ug/L	10.0	1	11/03/11 11:55	11/04/11 16:38	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**0.37**	ug/L	0.20	1	11/02/11 10:55	11/04/11 12:10	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		11/08/11 07:20	67-64-1	
Benzene	**2.6**	ug/L	1.0	1		11/08/11 07:20	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/08/11 07:20	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/08/11 07:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/08/11 07:20	75-27-4	
Bromoform	ND	ug/L	1.0	1		11/08/11 07:20	75-25-2	
Bromomethane	ND	ug/L	2.0	1		11/08/11 07:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		11/08/11 07:20	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		11/08/11 07:20	56-23-5	
Chlorobenzene	**18.4**	ug/L	1.0	1		11/08/11 07:20	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/08/11 07:20	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/08/11 07:20	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/08/11 07:20	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 07:20	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/08/11 07:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/08/11 07:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/08/11 07:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/08/11 07:20	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/08/11 07:20	74-95-3	
1,2-Dichlorobenzene	**1.9**	ug/L	1.0	1		11/08/11 07:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/08/11 07:20	541-73-1	
1,4-Dichlorobenzene	**4.9**	ug/L	1.0	1		11/08/11 07:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/08/11 07:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/08/11 07:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/08/11 07:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/08/11 07:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 07:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/08/11 07:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 07:20	78-87-5	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: DUPLICATE **Lab ID: 92105379008** Collected: 10/28/11 00:00 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichloropropane	ND	ug/L	1.0	1		11/08/11 07:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/08/11 07:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/08/11 07:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 07:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		11/08/11 07:20	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		11/08/11 07:20	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		11/08/11 07:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/08/11 07:20	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		11/08/11 07:20	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/08/11 07:20	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/08/11 07:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		11/08/11 07:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		11/08/11 07:20	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		11/08/11 07:20	91-20-3	
Styrene	ND	ug/L	1.0	1		11/08/11 07:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 07:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/08/11 07:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/08/11 07:20	127-18-4	
Toluene	ND	ug/L	1.0	1		11/08/11 07:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 07:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/08/11 07:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/08/11 07:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/08/11 07:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/08/11 07:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/08/11 07:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/08/11 07:20	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		11/08/11 07:20	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		11/08/11 07:20	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/08/11 07:20	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/08/11 07:20	95-47-6	
4-Bromofluorobenzene (S)	99	%	70-130	1		11/08/11 07:20	460-00-4	
Dibromofluoromethane (S)	102	%	70-130	1		11/08/11 07:20	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		11/08/11 07:20	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		11/08/11 07:20	2037-26-5	
350.1 Ammonia	Analytical Method: EPA 350.1							
Nitrogen, Ammonia	**16.7**	mg/L	0.50	5		11/07/11 18:13	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.20	1		10/29/11 16:16		
Nitrogen, Nitrite	ND	mg/L	0.10	1		10/29/11 16:16		
Nitrogen, NO2 plus NO3	ND	mg/L	0.20	1		10/29/11 16:16		
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	5.0	1		11/07/11 15:46	16887-00-6	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: CFSC
Pace Project No.: 92105379

Sample: DUPLICATE **Lab ID: 92105379008** Collected: 10/28/11 00:00 Received: 10/29/11 11:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
5220D COD	Analytical Method: SM 5220D							
Chemical Oxygen Demand	**128**	mg/L	25.0	1		11/04/11 23:00		
5310B TOC	Analytical Method: SM 5310B							
Total Organic Carbon	**31.8**	mg/L	1.0	1		11/01/11 19:09	7440-44-0	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CFSC
Pace Project No.: 92105379

QC Batch: MPRP/9323
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Associated Lab Samples: 92105379001

METHOD BLANK: 680263
Matrix: Water
Associated Lab Samples: 92105379001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	11/01/11 18:57	
Arsenic	ug/L	ND	5.0	11/01/11 18:57	
Beryllium	ug/L	ND	1.0	11/01/11 18:57	
Cadmium	ug/L	ND	1.0	11/01/11 18:57	
Chromium	ug/L	ND	5.0	11/01/11 18:57	
Copper	ug/L	ND	5.0	11/01/11 18:57	
Lead	ug/L	ND	5.0	11/01/11 18:57	
Nickel	ug/L	ND	5.0	11/01/11 18:57	
Selenium	ug/L	ND	10.0	11/01/11 18:57	
Silver	ug/L	ND	5.0	11/01/11 18:57	
Thallium	ug/L	ND	10.0	11/01/11 18:57	
Zinc	ug/L	ND	10.0	11/01/11 18:57	

LABORATORY CONTROL SAMPLE: 680264

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	476	95	80-120	
Arsenic	ug/L	500	476	95	80-120	
Beryllium	ug/L	500	492	98	80-120	
Cadmium	ug/L	500	485	97	80-120	
Chromium	ug/L	500	477	95	80-120	
Copper	ug/L	500	474	95	80-120	
Lead	ug/L	500	479	96	80-120	
Nickel	ug/L	500	484	97	80-120	
Selenium	ug/L	500	479	96	80-120	
Silver	ug/L	250	243	97	80-120	
Thallium	ug/L	500	472	94	80-120	
Zinc	ug/L	500	485	97	80-120	

MATRIX SPIKE SAMPLE: 680265

Parameter	Units	92104999031 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	400	80	75-125	
Arsenic	ug/L	5.9	500	470	93	75-125	
Beryllium	ug/L	ND	500	471	94	75-125	
Cadmium	ug/L	ND	500	456	91	75-125	
Chromium	ug/L	11.5	500	468	91	75-125	
Copper	ug/L	166	500	640	95	75-125	
Lead	ug/L	45.4	500	483	88	75-125	
Nickel	ug/L	23.4	500	485	92	75-125	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CFSC
Pace Project No.: 92105379

MATRIX SPIKE SAMPLE: 680265

Parameter	Units	92104999031 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Selenium	ug/L	ND	500	473	93	75-125	
Silver	ug/L	ND	250	233	93	75-125	
Thallium	ug/L	ND	500	438	86	75-125	
Zinc	ug/L	538	500	1010	94	75-125	

SAMPLE DUPLICATE: 680266

Parameter	Units	92105045004 Result	Dup Result	RPD	Qualifiers
Antimony	ug/L	12.1	14.9	21	D6
Arsenic	ug/L	58.3	54.7	6	
Beryllium	ug/L	11.4	11.6	2	
Cadmium	ug/L	108	113	5	
Chromium	ug/L	2010	2090	4	
Copper	ug/L	8070	8430	4	
Lead	ug/L	1540	1580	2	
Nickel	ug/L	332	342	3	
Selenium	ug/L	197	199	1	
Silver	ug/L	81.8	84.4	3	
Thallium	ug/L	ND	ND		
Zinc	ug/L	28200	31600	11	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CFSC
Pace Project No.: 92105379

QC Batch: MPRP/9342 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

METHOD BLANK: 681940 Matrix: Water
Associated Lab Samples: 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	11/04/11 15:49	
Arsenic	ug/L	ND	5.0	11/04/11 15:49	
Beryllium	ug/L	ND	1.0	11/04/11 15:49	
Cadmium	ug/L	ND	1.0	11/04/11 15:49	
Chromium	ug/L	ND	5.0	11/04/11 15:49	
Copper	ug/L	ND	5.0	11/04/11 15:49	
Lead	ug/L	ND	5.0	11/04/11 15:49	
Nickel	ug/L	ND	5.0	11/04/11 15:49	
Selenium	ug/L	ND	10.0	11/04/11 15:49	
Silver	ug/L	ND	5.0	11/04/11 15:49	
Thallium	ug/L	ND	10.0	11/04/11 15:49	
Zinc	ug/L	ND	10.0	11/04/11 15:49	

LABORATORY CONTROL SAMPLE: 681941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	482	96	80-120	
Arsenic	ug/L	500	484	97	80-120	
Beryllium	ug/L	500	487	97	80-120	
Cadmium	ug/L	500	485	97	80-120	
Chromium	ug/L	500	479	96	80-120	
Copper	ug/L	500	500	100	80-120	
Lead	ug/L	500	485	97	80-120	
Nickel	ug/L	500	485	97	80-120	
Selenium	ug/L	500	491	98	80-120	
Silver	ug/L	250	242	97	80-120	
Thallium	ug/L	500	481	96	80-120	
Zinc	ug/L	500	475	95	80-120	

MATRIX SPIKE SAMPLE: 681942

Parameter	Units	92105379002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	469	94	75-125	
Arsenic	ug/L	ND	500	488	97	75-125	
Beryllium	ug/L	ND	500	478	96	75-125	
Cadmium	ug/L	1.1	500	471	94	75-125	
Chromium	ug/L	8.1	500	474	93	75-125	
Copper	ug/L	26.7	500	526	100	75-125	
Lead	ug/L	ND	500	468	93	75-125	
Nickel	ug/L	51.7	500	522	94	75-125	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CFSC
Pace Project No.: 92105379

MATRIX SPIKE SAMPLE: 681942

Parameter	Units	92105379002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Selenium	ug/L	ND	500	483	97	75-125	
Silver	ug/L	ND	250	240	96	75-125	
Thallium	ug/L	ND	500	462	92	75-125	
Zinc	ug/L	4490	500	4870	77	75-125	

SAMPLE DUPLICATE: 681943

Parameter	Units	92105379003 Result	Dup Result	RPD	Qualifiers
Antimony	ug/L	ND	ND		
Arsenic	ug/L	6.1	6.4	5	
Beryllium	ug/L	ND	ND		
Cadmium	ug/L	ND	ND		
Chromium	ug/L	26.7	27.3	2	
Copper	ug/L	22.6	20.3	11	
Lead	ug/L	17.1	19.6	14	
Nickel	ug/L	15.8	15.3	3	
Selenium	ug/L	ND	ND		
Silver	ug/L	ND	ND		
Thallium	ug/L	ND	ND		
Zinc	ug/L	226	227	0	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CFSC
Pace Project No.: 92105379

QC Batch: MERP/3837 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92105379001, 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

METHOD BLANK: 680969 Matrix: Water
Associated Lab Samples: 92105379001, 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/03/11 16:17	

LABORATORY CONTROL SAMPLE: 680970

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.3	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 680971 680972

Parameter	Units	92105194005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	ug/L	ND	2.5	2.5	1.5	1.4	60	57	75-125	5	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 680973 680974

Parameter	Units	92105194006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.7	2.7	106	107	75-125	1	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CFSC
Pace Project No.: 92105379

QC Batch: MSV/17245 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92105379001, 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

METHOD BLANK: 683607 Matrix: Water
Associated Lab Samples: 92105379001, 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	11/07/11 23:39	
1,1,1-Trichloroethane	ug/L	ND	1.0	11/07/11 23:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/07/11 23:39	
1,1,2-Trichloroethane	ug/L	ND	1.0	11/07/11 23:39	
1,1-Dichloroethane	ug/L	ND	1.0	11/07/11 23:39	
1,1-Dichloroethene	ug/L	ND	1.0	11/07/11 23:39	
1,1-Dichloropropene	ug/L	ND	1.0	11/07/11 23:39	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	11/07/11 23:39	
1,2,3-Trichloropropane	ug/L	ND	1.0	11/07/11 23:39	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	11/07/11 23:39	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	11/07/11 23:39	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	11/07/11 23:39	
1,2-Dichlorobenzene	ug/L	ND	1.0	11/07/11 23:39	
1,2-Dichloroethane	ug/L	ND	1.0	11/07/11 23:39	
1,2-Dichloropropane	ug/L	ND	1.0	11/07/11 23:39	
1,3-Dichlorobenzene	ug/L	ND	1.0	11/07/11 23:39	
1,3-Dichloropropane	ug/L	ND	1.0	11/07/11 23:39	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/07/11 23:39	
2,2-Dichloropropane	ug/L	ND	1.0	11/07/11 23:39	
2-Butanone (MEK)	ug/L	ND	5.0	11/07/11 23:39	
2-Chlorotoluene	ug/L	ND	1.0	11/07/11 23:39	
2-Hexanone	ug/L	ND	5.0	11/07/11 23:39	
4-Chlorotoluene	ug/L	ND	1.0	11/07/11 23:39	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	11/07/11 23:39	
Acetone	ug/L	ND	25.0	11/07/11 23:39	
Benzene	ug/L	ND	1.0	11/07/11 23:39	
Bromobenzene	ug/L	ND	1.0	11/07/11 23:39	
Bromochloromethane	ug/L	ND	1.0	11/07/11 23:39	
Bromodichloromethane	ug/L	ND	1.0	11/07/11 23:39	
Bromoform	ug/L	ND	1.0	11/07/11 23:39	
Bromomethane	ug/L	ND	2.0	11/07/11 23:39	
Carbon tetrachloride	ug/L	ND	1.0	11/07/11 23:39	
Chlorobenzene	ug/L	ND	1.0	11/07/11 23:39	
Chloroethane	ug/L	ND	1.0	11/07/11 23:39	
Chloroform	ug/L	ND	1.0	11/07/11 23:39	
Chloromethane	ug/L	ND	1.0	11/07/11 23:39	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/07/11 23:39	
cis-1,3-Dichloropropene	ug/L	ND	1.0	11/07/11 23:39	
Dibromochloromethane	ug/L	ND	1.0	11/07/11 23:39	
Dibromomethane	ug/L	ND	1.0	11/07/11 23:39	
Dichlorodifluoromethane	ug/L	ND	1.0	11/07/11 23:39	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CFSC
Pace Project No.: 92105379

METHOD BLANK: 683607 Matrix: Water

Associated Lab Samples: 92105379001, 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	11/07/11 23:39	
Ethylbenzene	ug/L	ND	1.0	11/07/11 23:39	
Hexachloro-1,3-butadiene	ug/L	1.4	1.0	11/07/11 23:39	B-
m&p-Xylene	ug/L	ND	2.0	11/07/11 23:39	
Methyl-tert-butyl ether	ug/L	ND	1.0	11/07/11 23:39	
Methylene Chloride	ug/L	ND	2.0	11/07/11 23:39	
Naphthalene	ug/L	ND	1.0	11/07/11 23:39	
o-Xylene	ug/L	ND	1.0	11/07/11 23:39	
p-Isopropyltoluene	ug/L	ND	1.0	11/07/11 23:39	
Styrene	ug/L	ND	1.0	11/07/11 23:39	
Tetrachloroethene	ug/L	ND	1.0	11/07/11 23:39	
Toluene	ug/L	ND	1.0	11/07/11 23:39	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/07/11 23:39	
trans-1,3-Dichloropropene	ug/L	ND	1.0	11/07/11 23:39	
Trichloroethene	ug/L	ND	1.0	11/07/11 23:39	
Trichlorofluoromethane	ug/L	ND	1.0	11/07/11 23:39	
Vinyl acetate	ug/L	ND	2.0	11/07/11 23:39	
Vinyl chloride	ug/L	ND	1.0	11/07/11 23:39	
1,2-Dichloroethane-d4 (S)	%	102	70-130	11/07/11 23:39	
4-Bromofluorobenzene (S)	%	99	70-130	11/07/11 23:39	
Dibromofluoromethane (S)	%	101	70-130	11/07/11 23:39	
Toluene-d8 (S)	%	100	70-130	11/07/11 23:39	

LABORATORY CONTROL SAMPLE: 683608

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.2	104	70-130	
1,1,1-Trichloroethane	ug/L	50	50.9	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.3	103	70-130	
1,1,2-Trichloroethane	ug/L	50	52.1	104	70-130	
1,1-Dichloroethane	ug/L	50	50.0	100	70-130	
1,1-Dichloroethene	ug/L	50	50.8	102	70-132	
1,1-Dichloropropene	ug/L	50	46.8	94	70-130	
1,2,3-Trichlorobenzene	ug/L	50	49.7	99	70-135	
1,2,3-Trichloropropane	ug/L	50	48.2	96	70-130	
1,2,4-Trichlorobenzene	ug/L	50	48.0	96	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	51.0	102	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	50.5	101	70-130	
1,2-Dichlorobenzene	ug/L	50	50.9	102	70-130	
1,2-Dichloroethane	ug/L	50	51.8	104	70-130	
1,2-Dichloropropane	ug/L	50	47.7	95	70-130	
1,3-Dichlorobenzene	ug/L	50	49.4	99	70-130	
1,3-Dichloropropane	ug/L	50	49.4	99	70-130	
1,4-Dichlorobenzene	ug/L	50	50.2	100	70-130	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CFSC
Pace Project No.: 92105379

LABORATORY CONTROL SAMPLE: 683608

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	44.5	89	58-145	
2-Butanone (MEK)	ug/L	100	112	112	70-145	
2-Chlorotoluene	ug/L	50	49.7	99	70-130	
2-Hexanone	ug/L	100	104	104	70-144	
4-Chlorotoluene	ug/L	50	52.0	104	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	104	104	70-140	
Acetone	ug/L	100	102	102	50-175	
Benzene	ug/L	50	46.2	92	70-130	
Bromobenzene	ug/L	50	47.6	95	70-130	
Bromochloromethane	ug/L	50	48.7	97	70-130	
Bromodichloromethane	ug/L	50	51.2	102	70-130	
Bromoform	ug/L	50	51.2	102	70-130	
Bromomethane	ug/L	50	56.6	113	54-130	F3
Carbon tetrachloride	ug/L	50	49.6	99	70-132	
Chlorobenzene	ug/L	50	51.3	103	70-130	
Chloroethane	ug/L	50	54.4	109	64-134	
Chloroform	ug/L	50	49.9	100	70-130	
Chloromethane	ug/L	50	57.9	116	64-130	
cis-1,2-Dichloroethene	ug/L	50	48.0	96	70-131	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	70-130	
Dibromochloromethane	ug/L	50	50.0	100	70-130	
Dibromomethane	ug/L	50	52.0	104	70-131	
Dichlorodifluoromethane	ug/L	50	47.2	94	56-130	
Diisopropyl ether	ug/L	50	46.9	94	70-130	
Ethylbenzene	ug/L	50	47.7	95	70-130	
Hexachloro-1,3-butadiene	ug/L	50	47.7	95	70-130	
m&p-Xylene	ug/L	100	96.7	97	70-130	
Methyl-tert-butyl ether	ug/L	50	49.3	99	70-130	
Methylene Chloride	ug/L	50	45.7	91	63-130	
Naphthalene	ug/L	50	51.6	103	70-138	
o-Xylene	ug/L	50	47.8	96	70-130	
p-Isopropyltoluene	ug/L	50	50.2	100	70-130	
Styrene	ug/L	50	49.9	100	70-130	
Tetrachloroethene	ug/L	50	49.0	98	70-130	
Toluene	ug/L	50	47.6	95	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.5	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.7	97	70-132	
Trichloroethene	ug/L	50	49.8	100	70-130	
Trichlorofluoromethane	ug/L	50	51.3	103	62-133	
Vinyl acetate	ug/L	100	93.1	93	66-157	
Vinyl chloride	ug/L	50	52.7	105	69-130	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			98	70-130	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CFSC
Pace Project No.: 92105379

QC Batch: WETA/10920 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 92105379001, 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

LABORATORY CONTROL SAMPLE: 683791

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5	5.0	100	90-110	

MATRIX SPIKE SAMPLE: 683792

Parameter	Units	92105158001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	ND	5	5.1	100	90-110	

SAMPLE DUPLICATE: 683795

Parameter	Units	92105442001 Result	Dup Result	RPD	Qualifiers
Nitrogen, Ammonia	mg/L	1.7	1.7	1	

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CFSC
Pace Project No.: 92105379

QC Batch: WETA/10865 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 92105379001, 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

METHOD BLANK: 680156 Matrix: Water
Associated Lab Samples: 92105379001, 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.20	10/29/11 16:07	
Nitrogen, Nitrite	mg/L	ND	0.10	10/29/11 16:07	
Nitrogen, NO2 plus NO3	mg/L	ND	0.20	10/29/11 16:07	

LABORATORY CONTROL SAMPLE: 680157

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	5	5.1	102	90-110	
Nitrogen, Nitrite	mg/L	1	1.0	100	90-110	
Nitrogen, NO2 plus NO3	mg/L	5	5.1	102	90-110	

MATRIX SPIKE SAMPLE: 680158

Parameter	Units	92105379001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	5	4.9	98	90-110	
Nitrogen, Nitrite	mg/L	0.13	1	1.3	118	90-110	M1
Nitrogen, NO2 plus NO3	mg/L	ND	5	4.9	97	90-110	

MATRIX SPIKE SAMPLE: 681543

Parameter	Units	92105381002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	5	4.3	84	90-110	M1
Nitrogen, Nitrite	mg/L	ND	1	0.89	83	90-110	M1
Nitrogen, NO2 plus NO3	mg/L	ND	5	4.3	84	90-110	M1

SAMPLE DUPLICATE: 680159

Parameter	Units	92105379001 Result	Dup Result	RPD	Qualifiers
Nitrogen, Nitrate	mg/L	ND	ND		
Nitrogen, Nitrite	mg/L	0.13	ND		
Nitrogen, NO2 plus NO3	mg/L	ND	ND		

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CFSC
Pace Project No.: 92105379

SAMPLE DUPLICATE: 681544

Parameter	Units	92105379004 Result	Dup Result	RPD	Qualifiers
Nitrogen, Nitrate	mg/L	5.5	5.5	2	
Nitrogen, Nitrite	mg/L	ND	ND		
Nitrogen, NO2 plus NO3	mg/L	5.5	5.5	1	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CFSC
Pace Project No.: 92105379

QC Batch: WETA/10907 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 92105379001, 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

METHOD BLANK: 683467 Matrix: Water
Associated Lab Samples: 92105379001, 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	5.0	11/07/11 15:38	

LABORATORY CONTROL SAMPLE: 683468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.5	103	90-110	

MATRIX SPIKE SAMPLE: 683469

Parameter	Units	92105379001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	6.1	20	27.1	105	75-125	

SAMPLE DUPLICATE: 683470

Parameter	Units	92105379002 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	ND	ND		

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CFSC
Pace Project No.: 92105379

QC Batch: WETA/10903 Analysis Method: SM 5220D
QC Batch Method: SM 5220D Analysis Description: 5220D COD
Associated Lab Samples: 92105379001, 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

METHOD BLANK: 683258 Matrix: Water
Associated Lab Samples: 92105379001, 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	25.0	11/04/11 23:00	

LABORATORY CONTROL SAMPLE: 683259

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	750	745	99	90-110	

MATRIX SPIKE SAMPLE: 683260

Parameter	Units	92104991001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	70.0	750	755	91	75-125	

MATRIX SPIKE SAMPLE: 683262

Parameter	Units	92105017001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	112	750	822	95	75-125	

SAMPLE DUPLICATE: 683261

Parameter	Units	92104991001 Result	Dup Result	RPD	Qualifiers
Chemical Oxygen Demand	mg/L	70.0	70.0	0	

SAMPLE DUPLICATE: 683263

Parameter	Units	92105017001 Result	Dup Result	RPD	Qualifiers
Chemical Oxygen Demand	mg/L	112	110	2	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CFSC
Pace Project No.: 92105379

QC Batch: WETA/10866
QC Batch Method: SM 5310B
Analysis Method: SM 5310B
Analysis Description: 5310B TOC
Associated Lab Samples: 92105379001

METHOD BLANK: 680275 Matrix: Water
Associated Lab Samples: 92105379001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	10/31/11 18:13	

LABORATORY CONTROL SAMPLE: 680276

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	25	24.1	96	90-110	

MATRIX SPIKE SAMPLE: 680277

Parameter	Units	92104826001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	119	25	153	139	75-125	M1

MATRIX SPIKE SAMPLE: 680279

Parameter	Units	92105090004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	3.6	25	28.2	98	75-125	

SAMPLE DUPLICATE: 680278

Parameter	Units	92104826002 Result	Dup Result	RPD	Qualifiers
Total Organic Carbon	mg/L	41.9	42.0	0	

SAMPLE DUPLICATE: 680280

Parameter	Units	92105091001 Result	Dup Result	RPD	Qualifiers
Total Organic Carbon	mg/L	41.6	42.1	1	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: CFSC
Pace Project No.: 92105379

QC Batch: WETA/10878 Analysis Method: SM 5310B
QC Batch Method: SM 5310B Analysis Description: 5310B TOC
Associated Lab Samples: 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

METHOD BLANK: 680719 Matrix: Water
Associated Lab Samples: 92105379002, 92105379003, 92105379004, 92105379005, 92105379006, 92105379007, 92105379008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	11/01/11 17:21	

LABORATORY CONTROL SAMPLE: 680720

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	25	24.3	97	90-110	

MATRIX SPIKE SAMPLE: 680721

Parameter	Units	92105379002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	9.7	25	35.0	101	75-125	

MATRIX SPIKE SAMPLE: 680723

Parameter	Units	92105319002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	3.7	25	26.6	92	75-125	

SAMPLE DUPLICATE: 680722

Parameter	Units	92105379003 Result	Dup Result	RPD	Qualifiers
Total Organic Carbon	mg/L	32.3	31.0	4	

SAMPLE DUPLICATE: 680724

Parameter	Units	92105319003 Result	Dup Result	RPD	Qualifiers
Total Organic Carbon	mg/L	15.0	14.6	2	

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: CFSC
Pace Project No.: 92105379

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

B-	Analyte detected in method blank but was not detected in the associated samples.
D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
F3	The recovery of the second source standard used to verify the initial calibration curve for this analyte is outside the laboratory's control limits. The result is estimated.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

APPENDIX 1

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

IN THE MATTER OF: Cape Fear Soccerplex, LLC

UNDER THE AUTHORITY OF THE BROWNFIELDS PROPERTY REUSE ACT OF 1997, 130A-310.30, et seq.	))))	BROWNFIELDS AGREEMENT re: Former Flemington Landfill Flemington Street Wilmington, New Hanover County

I. INTRODUCTION

This Brownfields Agreement (this "Agreement") is made and entered into by and between the North Carolina Department of Environment and Natural Resources ("DENR") and Cape Fear Soccerplex, LLC (collectively the "Parties") pursuant to the Brownfields Property Reuse Act of 1997, N.C.G.S. § 130A-310.30, et seq. (the "Act").

Cape Fear Soccerplex, LLC is a North Carolina limited liability company whose business address is 6726 Netherlands Drive, #700, Wilmington, NC 28405. Cape Fear Soccerplex, LLC is a wholly owned subsidiary of Cape Fear Soccer Association, Inc. Cape Fear Soccerplex, LLC owns approximately 65.47 acres of land located at the western terminus of Flemington Drive, just west of US Highway 421, in Wilmington, New Hanover County, North Carolina, which it intends to redevelop as a recreational and competition level soccer complex. The subject property is the site of the former Flemington Landfill, a state/county permitted sanitary landfill that was operated by Waste Industries, Inc. between August 1973 and June 1979. A legal description and a location map of the property which is the subject of this Agreement (the "Property") are attached hereto as Exhibit 1.

The Parties agree to undertake all actions required by the terms and conditions of this Agreement. The purpose of this Agreement is to settle and resolve, subject to reservations and limitations contained in Section VIII (Certification), Section IX (DENR's Covenant Not to Sue and Reservation of Rights) and Section X (Prospective Developer's Covenant Not to Sue), the potential liability of Cape Fear Soccerplex, LLC for contaminants at the property which is the subject of this Agreement.

The Parties agree that Cape Fear Soccerplex, LLC's entry into this Agreement, and the actions undertaken by Cape Fear Soccerplex, LLC in accordance with this Agreement, do not constitute an admission of any liability by Cape Fear Soccerplex, LLC.

The resolution of this potential liability, in exchange for the benefit Cape Fear Soccerplex, LLC shall provide to DENR, is in the public interest.

II. DEFINITIONS

Unless otherwise expressly provided herein, terms used in this Agreement which are defined in the Act or elsewhere in N.C.G.S. 130A, Article 9 shall have the meaning assigned to them in those statutory provisions, including any amendments thereto.

1. "Property" shall mean the Brownfields property which is the subject of this Agreement, and which is described and depicted in Exhibit 1 of this Agreement.

2. "Prospective Developer" shall mean Cape Fear Soccerplex, LLC.

III. STATEMENT OF FACTS

3. Prospective Developer has acquired the Property, which consists of 65.47 acres of land located at the western terminus of Flemington Drive, in Wilmington, New Hanover County, North

Carolina. Prospective Developer intends to redevelop the Property as the Cape Fear Soccerplex, a recreational and competition level soccer complex.

4. For purposes of this Agreement, DENR relies on information regarding Flemington Landfill contained in DENR files and on representations by the Prospective Developer as to the prior and current use of the Property and of the adjoining area. The representations by the Prospective Developer are based on information contained in Prospective Developer's Brownfields Letter of Intent, dated December 18, 2000, and on information contained in various documents and reports either obtained or commissioned by Prospective Developer including the following: *Statistical Analysis Report, Old Flemington Landfill,* dated August 20, 1998, and prepared by Environmental Investigations, Inc.; letter report concerning permeability of existing site soils, and letter report concerning the use of lysimeters at the Property, both prepared by Dr. A. R. Rubin, North Carolina State University; *Summary of Permeability Testing, Proposed SoccerPlex, Report of Soil and Groundwater Testing, Wilmington Materials Site*; reports of groundwater testing dated July 25, 2001, and November 29, 2001, respectively, each prepared by TerraTech Engineers, Inc.; and Report of Methane Sampling dated December 11, 2001, prepared by TerraTech Engineers, Inc. Collectively, the information regarding the Flemington Landfill contained in DENR files and the above documents and reports cited in this paragraph are referred to hereinafter as the "environmental reports."

a. Prior to its development as a landfill, the Property was used as a sand mine and borrow pit.

b. The Property was developed as a solid waste landfill in August 1973 by Waste Industries, Inc. under a lease from the Royal family, the property owner. Waste Industries, Inc. operated the landfill under permits issued by New Hanover County and the State of North Carolina. It is known that the landfill received both domestic and industrial solid waste, but the exact types and volumes of waste deposited at the Property are not known. Waste Industries, Inc. closed the landfill in June 1979.

c. Subsequent to the identification of groundwater quality problems by analytical data in an April 1978 report on groundwater sampling of monitoring wells located between the landfill and the nearby community of Flemington, the State of North Carolina ("State") conducted a groundwater study to determine what impact the landfill was having on local groundwater quality. The State study concluded that leachate from the landfill had affected groundwater quality in the area, including private water supply wells.

d. In response to complaints from the community of Flemington, the United States Environmental Protection Agency ("EPA") conducted three groundwater investigations in the area of the landfill during 1979. The EPA investigations also concluded that landfill leachate had affected groundwater quality in the area of the landfill.

e. Based on the results of the State and EPA groundwater studies, the United States on behalf of the EPA filed a civil lawsuit in January 1980 alleging that operation of the landfill had contaminated groundwater beneath the landfill and that the migration of this contaminated water posed an imminent and substantial endangerment to human health and the environment in the area of the landfill. In January 1981, EPA's lawsuit was dismissed by the U.S. District Court.

f. In May 1984, the U.S. Court of Appeals for the Fourth Circuit reversed the lower District Court's decision and remanded the case to the U.S. District Court, and in August 1987, the defendants entered a Partial Consent Decree with EPA in which defendants agreed, among other requirements, to provide an alternative water supply for groundwater users in the projected path of the contaminant plume, and to perform a groundwater investigation in the vicinity of the landfill. Following its review of the data generated by the required investigation, its request for public comment on its preliminary decision on remedial action for the site, and a public meeting regarding the site, EPA issued a Final Agency Decision in June 1995 that groundwater remedial action would not be required at this site.

g. In April 1996, the United States (on behalf of EPA) and the defendants entered into a Final Consent Decree in which defendants agreed to conduct annual groundwater sampling of selected monitoring wells for three years. The final groundwater sampling of site monitoring wells was conducted in July 1998 and the results indicated the presence of benzene in concentrations exceeding North Carolina groundwater standards. In accordance with terms of the Final Consent Decree, because a statistical analysis of the analytical results indicated that a significant increase in groundwater contamination had not occurred at the landfill site during the three years of monitoring, groundwater monitoring at the site was discontinued and all site monitoring wells were subsequently abandoned.

h. As an institutional control on the use of groundwater in the area of the landfill, on August 21, 1995 New Hanover County enacted an ordinance (County Code, Chapter 12, Article VIII, Sections 12-67 et seq.; recodified at Chapter 56, Article III, Sections 56-181 et seq.) that

requires permitting of all new well construction in the area of the landfill.

i. The ownership and use of land adjoining the Property is as follows: land to the north, south and west is owned by Riverfront Company, LLC and is used for sand mining; to the east are railroad tracks on property owned by the CSX Railroad (formerly Seaboard Coast Railroad).

5. For purposes of this Agreement DENR relies on Prospective Developer's representations that Prospective Developer's involvement with the Property has been limited to the following:

a. Prospective Developer submitted a Letter of Intent, dated December 18, 2000, and prepared by Sungate Design Group, P.A., Prospective Developer's lead consultant, seeking entry into the North Carolina Brownfields Program and a Brownfields Agreement for the Property;

b. Prospective Developer's lead consultant worked with DENR to discuss and identify the technical problems that must be resolved to ensure that the Property is or can be made safe for the use committed to by Prospective Developer in its Letter of Intent, and to identify the specific environmental data and other information that Prospective Developer would be required to submit to DENR in order to demonstrate, to DENR's satisfaction, that the technical problems could be and had been resolved;

c. Prospective Developer has worked with City of Wilmington, New Hanover County, State agencies, and private consultants, contractors, and design professionals to identify and resolve the technical and permitting requirements related to the safe redevelopment of the Property;

d. Prospective Developer has commissioned investigations, referenced above in paragraph 4 of this Agreement, of groundwater quality in areas outside of the footprint of the waste cells at the Property and of air quality and soil permeability at the Property to establish pre-construction baseline environmental conditions at the Property, to aid in defining design parameters for the proposed soccer complex, and to provide the basis for risk identification and risk management decisions for the Property; and

e. Prospective Developer acquired the Property on June 5, 2001.

6. The environmental reports include the following information regarding groundwater contamination at the Property (in micrograms per kilogram, the equivalent of parts per billion), outside the footprint of the waste cells:

Groundwater Contaminant	**Maximum Concentration**
Diesel-Range Organics	200
Gasoline-Range Organics	350
Chromium	360
Lead	78
Mercury	1.4

7. Prospective Developer has provided DENR with information, or sworn certifications regarding that information on which DENR relies for purposes of this Agreement, necessary to demonstrate that:

a. Prospective Developer and any parent, subsidiary, or other affiliate has substantially complied with federal and State laws, regulations and rules for protection of the environment, and with the other agreements and requirements cited at N.C.G.S. § 130A-310.32(a)(1);

b. As a result of the implementation of this Agreement, the Property will be suitable for the uses specified in this Agreement while fully protecting public health and the environment;

c. Prospective Developer's reuse of the Property will produce a public benefit commensurate with the liability protection provided Prospective Developer hereunder;

d. Prospective Developer has or can obtain the financial, managerial and technical means to fully implement this Agreement and assure the safe use of the Property; and

e. Prospective Developer has complied with all applicable procedural

requirements.

8. Prospective Developer has paid the $2,000 fee to seek a brownfields agreement required by N.C.G.S. § 130A-310.39(a)(1). Pursuant to N.C.G.S. § 130A-310.39(a)(2), the procedure upon which Prospective Developer and DENR have agreed for payment of the full cost to DENR and the North Carolina Department of Justice ("DOJ") of all activities related to this Agreement is that Prospective Developer shall pay any amount by which DOJ's hours multiplied by $36.24 per hour exceeds the $2,000 fee (DENR has incurred no costs).

IV. BENEFIT TO COMMUNITY

9. Prospective Developer believes that its development of the Property will provide the following public benefits:

a. Conversion of the former landfill site, currently an abandoned, idled, and underused community eyesore into an attractive, maintained, and useful green space;

b. A long and greatly needed playing space for 6,000 youth and adults as well as a soccer tournament hosting facility for southeastern North Carolina with its ancillary benefits;

c. An example of quality redevelopment in the community that may lead to additional redevelopment in the surrounding area;

d. An economic boost to area hotel, food services, and other segments of the local economy through an increased demand for these services realized during regional soccer tournaments; and

e. A stable, low permeability cap across the landfill that will further reduce the potential for risk/threat to public health and the environment.

V. WORK TO BE PERFORMED

10. Based on the information in the environmental reports, and subject to imposition of and compliance with the land use restrictions (the "Land Use Restrictions") cited below in paragraph 10.a., and except as may be required pursuant to Section IX of this Agreement (Reservation of Rights and DENR's Covenant Not to Sue and Reservation of Rights), active remediation at the Property shall be unnecessary.

a. Based on the information revealed in the environmental reports, DENR has determined that it is necessary for the Prospective Developer to impose the following Land Use Restrictions, which will run with the land, to make the Property safe for the uses specified in this Agreement while fully protecting public health and the environment:

i. No water supply wells may be installed or used at the Property.

ii. No mining activities may be conducted on the Property.

iii. Except as provided in paragraph 10.i. below, no disturbance, displacement or removal of soil in areas of the Property denominated "PROHIBITED" on the plat component of the Notice of Brownfields Property filed in connection with this Agreement is permitted without prior notification to and approval of DENR or its successor in function, any sampling of such waste material required by DENR, and submittal to DENR or its successor in function of analyses of such sampling along with plans and procedures to protect human health and the environment during the proposed activities. In the event such activities are approved by DENR or its successor in function, the activities shall be conducted in strict accordance with all local, state and federal legal provisions concerning sampling, characterization, handling, transportation and disposal of waste material, and anyone conducting such activities shall provide to DENR a report of such activities as required below in subparagraph 10.i. If any existing landfill waste material at the Property is disturbed other than pursuant to this subparagraph 10.a.iii., the owner of any affected portion of the Property shall effect sampling, characterization, handling, transportation and disposal of such waste material in strict accordance with local, State, and federal legal provisions, except that such waste material may not be disposed of on the Property even if to do so would otherwise be in compliance with law, and shall, no later than seven (7) days following discovery of the disturbance, report the disturbance to DENR in writing. Thereafter, the owner of any affected portion of the Property shall report when and as required by DENR regarding the disturbance, which reporting shall include, at a minimum, a written report that describes the nature and extent of the disturbance, the sampling, characterization, and handling of the waste material, and its transportation and disposal.

iv. No activities which result in direct exposure to or removal of groundwater (for example, construction or excavation activities which encounter or expose groundwater) may be conducted on the Property without prior sampling and analysis of groundwater in the area where such activities are to be conducted, submittal of the analytical results to DENR or its successor in function along with plans and procedures to protect human health and the environment during those activities, and approval of those activities by DENR or its successor in function.

v. No basements and no fountains, ponds, lakes, swimming pools or other items which are supplied, in whole or in part, by groundwater under the Property may be constructed on the Property. Reservoirs and ponds used exclusively for irrigation purposes and supplied by groundwater originating other than on the Property (e.g., groundwater from adjoining properties and water from the City of Wilmington) may be constructed in areas of the Property not denominated "PROHIBITED" on the plat component of the Notice of Brownfields Property filed in connection with this Agreement if: (A) any such reservoir or pond's base is at least two (2) feet above the top of the shallowest groundwater at the location of such reservoir or pond; and (B) the testing and use requirements set forth in subparagraph 10.f below are complied with in connection with any such reservoir or pond.

vi. No groundwater derived from adjoining properties may be used at the Property unless, prior to its initial use and no less frequently than once every six months thereafter, the owner of any portion of the Property where such groundwater is proposed to be used satisfies DENR that such groundwater does not exceed the groundwater standards contained in the North Carolina Administrative Code, Title 15A, Subchapter 2L, Rule .0202; and

vi. Within seven (7) days of each anniversary of the effective date of this Agreement, the owner(s) of the Property shall each submit a notarized Land Use Restrictions Update to DENR certifying that (A) the Notice of Brownfields Property containing the Land Use Restrictions remains recorded at the New Hanover County Register of Deeds office; (B) the New Hanover County Ordinance referenced above in Paragraph 4.h. remains in effect; (C) the air, groundwater quality, infiltration and pond water monitoring activities required pursuant to subparagraphs 10.c., 10.d., 10.e. and 10.f. below, respectively, are being conducted; (D) the Land Use Restrictions are being complied with; and (E) all caps installed at the Property in accordance with paragraph 10.b. of this Agreement are in place and in good repair. Each Land Use Restrictions Update shall also include a complete record of any erosion, erosion repairs or other activities affecting the Land Use Restrictions or integrity of the cap.

b. Prior to the Property's use as a soccer complex, Prospective Developer shall submit to DENR sufficient data and other information to satisfy DENR that the cap at the Property has been enhanced such that:

i. its thickness extends at least two feet above the shallowest waste material at the Property, as demonstrated by a report of cap thickness and soil borings;

ii. it reduces the infiltration that occurred under the prior cap by at least two orders of magnitude (i.e., one hundred-fold) through any combination of soil depth, permeability, texture, artificial liners, or vegetation slope; and

iii. through grading, vegetation and maintenance it directs runoff only to stormwater infiltration basins along the perimeter of the Property, outside the boundary of the waste

material, in areas of high permeability sands.

c. The following conditions regarding capping shall also apply at the Property, compliance with which shall be determined by DENR:

i. All elements of the irrigation system shall be installed, operated and maintained in a manner that ensures the integrity and functionality of the cap;

ii. Unless otherwise approved by DENR, driveway and parking surfaces shall not be paved with asphalt or concrete or other impervious materials. Driveway and parking surfaces shall be constructed of marl or other pervious medium, and shall allow methane venting. Any impervious surfaces, including but not limited to building slabs, shall also allow methane venting. The design plans for pervious driving and parking surfaces and for any impervious surface covering shall be subject to DENR pre-construction approval. The Property may not be used as a soccer complex until DENR has approved a report submitted by Prospective Developer on post-construction methane sampling at the sites of pervious driveway and parking surfaces, and in the vicinity of any impervious surface covering installed at the Property.

iii. Prospective Developer shall manage and maintain all vegetative matter on the Property in a manner that minimizes erosion, and shall promptly repair any erosion that occurs. Should erosion result in the exposure of waste material, Prospective Developer shall (A) immediately upon becoming aware of such occurrence prevent public access to the exposed waste material until the cap is re-installed; (B) within three (3) days of becoming aware of such occurrence notify DENR of the occurrence and re-install a cap that extends at least two feet above the shallowest waste material at the Property; and (D) notify DENR of the re-installation of the cap within three (3) days of its re-installation.

d. Within the thirty (30) days prior to each anniversary of the effective date of this Agreement, Prospective Developer shall document to DENR the results of methane monitoring in monitoring wells M-1 and M-2, or in an equal number of replacement wells satisfactory to DENR or its successor in function. Prior to recreational use of each portion of the soccer complex, Prospective Developer shall document to DENR procedures used for, and analyses of, methane monitoring in that portion. In its annual Land Use Restrictions Update referenced above in subparagraph 10.a.vi., Prospective Developer shall set forth the procedures used for, and analyses of, all methane sampling that has occurred since the previous Update. In the event any sampling indicates the presence of sufficient methane to pose an imminent threat to public health, as determined by DENR, Prospective Developer shall take any actions DENR requires to eliminate that threat that are within DENR's authority to compel.

e. Within the thirty (30) days prior to each anniversary of the effective date of this Agreement, in conformance with groundwater sampling procedures described in the most recent edition of the *Guidelines for Assessment and Cleanup* of the Inactive Hazardous Sites Branch of DENR's Superfund Section, Prospective Developer shall sample monitoring wells GW-1, GW-2, GW-3, GW-4, W-1, W-3 and W-5, or an equal number of replacement wells satisfactory to DENR or its successor in function, for pH, specific conductance, turbidity and temperature, have the groundwater samples analyzed by approved EPA methods for volatile organic compounds (VOCs), priority pollutant metals, nitrate-nitrite, ammonia, chloride, chemical oxygen demand (COD), and total organic compounds (TOC) at a North Carolina-certified laboratory, and submit the sampling analyses to DENR. Prior to recreational use of each portion of the soccer complex, Prospective Developer shall document to DENR procedures used for, and analyses of, groundwater sampling in the monitoring well(s) nearest to that portion. In its annual Land Use Restrictions Update referenced above in subparagraph 10.a.vi., Prospective Developer shall set forth the procedures used for, and analyses of, all groundwater sampling that has occurred since the previous Update. In the event any sampling indicates to DENR a significant increase in contaminants attributable to landfill leachate, Prospective Developer shall amend its schedules and/or methods of irrigation and nutrient application, re-sample any site monitoring well that showed such an increase in contaminants within sixty (60) days of the observed increase, submit to DENR the analyses of such re-sampling within thirty (30) days of such re-sampling, and take any other action DENR requires to minimize the likelihood of infiltration of moisture into the former landfill waste cells.

f. Subject to DENR approval, Prospective Developer shall install pan lysimeters or similar devices in irrigated areas at the Property, use these devices to monitor the depth of irrigation moisture and nutrient infiltration into the turf and the top eighteen (18) inches of soil of the cap described above in subparagraph 10.b., and maintain a log of irrigation schedules and lysimeter monitoring results in order to establish the relationship between irrigation and infiltration rates. Prior to recreational use of each portion of the soccer complex, Prospective Developer shall document to DENR procedures and analyses of infiltration monitoring regarding that portion. In its annual Land Use Restrictions Update referenced above in subparagraph 10.a.vi., Prospective Developer shall set forth the procedures used for, and analyses of, all infiltration monitoring that has occurred since the previous Update. The target depth of moisture infiltration at the Property shall be eighteen (18) inches below the ground surface. Within three (3) days after becoming aware of any moisture infiltration exceeding the target depth, Prospective Developer shall notify DENR of such exceedance and either (A) amend the schedules and/or methods of irrigation and nutrient application used at affected portions of the Property and provide to DENR, within sixty (60) days after becoming aware of such exceedance, new data that demonstrates the target depth has been re-established; or (B) cease recreational use of affected portions of the Property until such time as new data demonstrates the target infiltration depth has been re-established.

g. Within the thirty (30) days prior to each anniversary of the effective date of this Agreement, and in conformance with sampling procedures described in the guidelines published in the most recent edition of the *Guidelines for Assessment and Cleanup* of the Inactive Hazardous Sites Branch of DENR's Superfund Section, Prospective Developer shall sample the water from any

pond used as a source of irrigation water for the Property, have the samples analyzed by approved EPA methods for VOCs, priority pollutant metals and nitrate-nitrite at a North Carolina-certified laboratory, and submit the sampling analyses to DENR. In addition to the pond sampling schedule cited above in this subparagraph, prior to the use of any pond for irrigation purposes at the Property, Prospective Developer shall submit to DENR the procedures used for sampling and an analysis of the pond water. The analytical results must demonstrate that the pond water does not contain an exceedance of the groundwater standards contained in the North Carolina Administrative Code, Title 15A, Subchapter 2L, Rule .0202. In its annual Land Use Restrictions Update referenced above in paragraph 10.a.vi., Prospective Developer shall set forth the procedures used for, and analyses of, all pond sampling that has occurred since the previous Update. In the event pond sampling indicates any exceedances of the groundwater standards contained in the North Carolina Administrative Code, Title 15A, Subchapter 2L, Prospective Developer shall discontinue the use of the relevant pond(s). Any re-use of such pond(s) will be subject to prior DENR approval based on pond re-sampling results indicating no such exceedances.

h. DENR may extend the intervals between methane, groundwater, lysimeter and pond sampling events referenced above in subparagraphs 10.c.-f. upon the written request of Prospective Developer. In evaluating such a request, DENR may consider factors related to protection of public health and the environment such as data from past sampling events and schedule of land use.

i. If water supply wells or other points of groundwater access, other than the groundwater monitoring wells referenced above in subparagraph 10.d., are discovered on the Property during redevelopment, Prospective Developer shall effect their proper abandonment in accordance with Title 15A of the North Carolina Administrative Code, Subchapter 2C, and shall submit to DENR a report of the abandonment activities and results within thirty (30) days of conducting such activities.

j. Prospective Developer shall maintain a sign at the Property indicating that the site has previously been used as a landfill.

k. Simultaneously with Prospective Developer's notification of the public, pursuant to N.C.G.S. § 130A-310.34, of its planned redevelopment activities at the Property, Prospective Developer shall send a copy of such notification to each of the Settling Defendants in United States of America v. Waste Industries, Inc., et al., 80-4-CIV-7 (Eastern District of North Carolina) at the addresses provided for them on Exhibit 2 hereto.

l. The desired result of the above-referenced Land Use Restrictions, requirements for air, groundwater, infiltration, and surface water monitoring and reporting, cap installation and maintenance, abandonment of certain groundwater access points, and landfill waste disposal are to make the Property suitable for the uses specified in this Agreement while fully protecting public health and the environment.

m. The guidelines, including parameters, principles and policies, within which the desired results are to be accomplished are those embodied in the current version of the *Guidelines for Assessment and Cleanup* of the Inactive Hazardous Sites Branch of DENR's Superfund Section.

n. The consequences of achieving or not achieving the desired results will be a site that is suitable or is not suitable for the uses specified in this Agreement while fully protecting public health and the environment.

VI. ACCESS/NOTICE TO SUCCESSORS IN INTEREST

11. Commencing upon the effective date of this Agreement, Prospective Developer agrees to provide to DENR, its authorized officers, employees, representatives, and all other persons performing response actions under DENR oversight, an irrevocable right of access at all reasonable times to the Property and to any other property to which access is required for the implementation of response actions at the Property, to the extent access to such other property is controlled by the Prospective Developer, for the purposes of performing or overseeing response actions at the Property under applicable law. DENR agrees to provide reasonable notice to the Prospective Developer of the timing of response actions to be undertaken at the Property. Notwithstanding any provision of this Agreement, DENR retains all of its authorities and rights, including enforcement

authorities related thereto, under the Act and any other applicable statute or regulation, including any amendments thereto.

12. DENR has approved, pursuant to N.C.G.S. § 130A-310.35, a Notice of Brownfields Property for the Property containing, inter alia, the Land Use Restrictions set forth in Section V (Work to Be Performed) of this Agreement. Pursuant to N.C.G.S. § 130A-310.35(b), within 15 days of the effective date of this Agreement Prospective Developer shall file the Notice of Brownfields Property in the New Hanover County, North Carolina register of deeds' office, and within three (3) days thereafter shall furnish DENR a copy containing a certification by the register of deeds that the Notice has been recorded and the book and page number where recorded.

13. This Agreement shall be attached as Exhibit A to the Notice of Brownfields Property. Subsequent to recordation of said Notice, any deed or other instrument conveying an interest in the Property shall contain the following notice: "The property which is the subject of this instrument is subject to the Brownfields Agreement attached as Exhibit A to the Notice of Brownfields Property recorded in the New Hanover County land records, Book ____, Page ___." A copy of any such instrument shall be sent to the persons listed in Section XV (Notices and Submissions), though financial figures related to the conveyance may be redacted.

14. The Prospective Developer shall ensure that assignees, successors in interest, lessees, and sublessees of the Property shall provide the same access and cooperation. The Prospective Developer shall ensure that a copy of this Agreement is provided to any current lessee or sublessee on the Property as of the effective date of this Agreement and shall ensure that any subsequent leases, subleases, assignments or transfers of the Property or an interest in the Property are consistent with this Section, Section V (Work to be Performed) and Section XI (Parties Bound/Transfer of Covenant) of this Agreement.

VII. DUE CARE/COOPERATION

15. The Prospective Developer shall exercise due care at the Property with respect to regulated substances and shall comply with all applicable local, State, and federal laws and regulations, including, without limitation, laws and regulations requiring notification of actual or threatened contaminant releases such as N.C.G.S. 130A-310.1 and 143-215.84, and Section 103 of CERCLA, 42 U.S.C. § 9603. The Prospective Developer recognizes that remediation at the Property may interfere with the Prospective Developer's use of the Property, and may require closure of its operations or a part thereof. Prospective Developer agrees to cooperate fully with any remediation of the Property by DENR and further agrees not to interfere with any such remediation. DENR agrees, consistent with its responsibilities under applicable law, to use reasonable efforts to minimize any interference with the Prospective Developer's operations by any such remediation.

VIII. CERTIFICATION

16. By entering into this Agreement, the Prospective Developer certifies that, without DENR approval, it will make no use of the Property other than that committed to in the Letter of Intent dated December 18, 2000 by which it applied for this Agreement. That use is as a soccer complex for youth and adult recreational soccer. Prospective Developer also certifies that to the best of its knowledge and belief it has fully and accurately disclosed to DENR all information known to Prospective Developer and all information in the possession or control of its officers, directors, employees, contractors and agents which relates in any way to any regulated substances at the Property and to its qualification for this Agreement, including the requirement that it not have caused or contributed to the contamination at the Property. If DENR determines that certifications provided by Prospective Developer have been violated, or that information provided by Prospective Developer is not materially accurate and complete, this Agreement, within the sole discretion of DENR, shall be null and void and DENR reserves all rights it may have, including the right to compel remediation of the Property to current standards by Prospective Developer pursuant to the following paragraph.

IX. DENR'S COVENANT NOT TO SUE AND RESERVATION OF RIGHTS

17. The Prospective Developer shall not be liable to DENR, and DENR covenants not to sue Prospective Developer, for remediation of the Property except as specified in this Agreement, unless:

a. The Prospective Developer fails to comply with this Agreement and, within any period that DENR provides for curing noncompliance, Prospective Developer fails to so cure.

b. The activities conducted on the Property by or under the control or direction of the Prospective Developer increase the risk of harm to public health or the environment, in which case Prospective Developer shall be liable for remediation of the areas of the Property, remediation of which is required by this Agreement, to the extent necessary to eliminate such risk of harm to public health or the environment.

c. A land use restriction set out in the Notice of Brownfields Property required under N.C.G.S. 130A-310.35 is violated while the Prospective Developer owns the Property, in which case the Prospective Developer shall be responsible for remediation of the Property to current standards.

d. The Prospective Developer knowingly or recklessly provided false information that formed a basis for this Agreement or knowingly or recklessly offers false information to demonstrate compliance with this Agreement or fails to disclose relevant information about contamination at the Property.

e. New information indicates the existence of previously unreported contaminants or an area of previously unreported contamination on or associated with the Property that has not been remediated to current standards, unless this Agreement is amended to include any previously unreported contaminants and any additional areas of contamination. If this Agreement sets maximum concentrations for contaminants, and new information indicates the existence of previously unreported areas of these contaminants, further remediation shall be required only if the areas of previously unreported contaminants raise the risk of the contamination to public health or the environment to a level less protective of public health and the environment than that required by this Agreement.

f. The level of risk to public health or the environment from contaminants is unacceptable at or in the vicinity of the Property due to changes in exposure conditions, including (i) a change in land use that increases the probability of exposure to contaminants at or in the vicinity of the Property or (ii) the failure of remediation to mitigate risks to the extent required to make the Property fully protective of public health and the environment as planned in this Agreement.

g. The Department obtains new information about a contaminant associated with the Property or exposures at or around the Property that raises the risk to public health or the environment associated with the Property beyond an acceptable range and in a manner or to a degree not anticipated in this Agreement.

h. The Prospective Developer fails to file a timely and proper Notice of Brownfields Property under N.C.G.S. 130A-310.35.

18. After Prospective Developer has filed the Notice of Brownfields Property referenced above in paragraph 12 and has performed the work required under Section V (Work To Be Performed) of this Agreement involving installation of a cap and construction of a recreational and competition level soccer complex at the Property, Prospective Developer may, within sixty (60) days after receiving from DENR an order to perform additional work at the Property, notify DENR in writing that it intends to cease its use of the Property by a date subject to DENR's reasonable approval in lieu of performing the additional work, unless DENR has ordered the additional work pursuant to any of the following provisions of this Agreement: Section VII (Due Care/Cooperation), subparagraphs 17.c. or 17.d., or subparagraph 17.f.(i) if the subject change in land use occurs at the Property while Prospective Developer owns it.

19. Except as may be provided herein, DENR reserves its rights against Prospective Developer as to liabilities beyond the scope of the Act, including those regarding petroleum underground storage tanks pursuant to Part 2A of Chapter 143 of the General Statutes.

20. This Agreement does not waive any applicable requirement to obtain a permit, license or certification.

X. PROSPECTIVE DEVELOPER'S COVENANT NOT TO SUE

21. In consideration of DENR's Covenant Not To Sue in Section IX of this Agreement and in recognition of the absolute State immunity provided in N.C.G.S. § 130A-310.37(b), the Prospective Developer hereby covenants not to sue and not institute any proceedings for any injury or claim arising from negotiating, entering, monitoring or enforcing this Agreement or the Notice of Brownfields Property referenced above in paragraph 12 or any other action implementing the Act.

XI. PARTIES BOUND/TRANSFER OF COVENANT

22. This Agreement shall apply to and be binding upon DENR, and on the Prospective Developer, its officers, directors, employees, and agents. Each signatory of a Party to this Agreement represents that he or she is fully authorized to enter into the terms and conditions of this Agreement and to legally bind such Party.

23. Except for N.C.G.S. § 130A-310.33(a)(1)-(5)'s provision of the Act's liability protection to certain persons to the same extent as to a prospective developer, no rights, benefits or obligations conferred upon Prospective Developer under this Agreement may be assigned or transferred to any person without the prior consent of DENR, in its sole discretion.

24. Prospective Developer agrees to pay the reasonable costs incurred by DENR to review any request by Prospective Developer for consent to assign or transfer the rights, benefits or obligations conferred upon Prospective Developer under this Agreement.

25. In the event of an assignment or transfer of the Property or an assignment or transfer of an interest in the Property, the assignor or transferor shall continue to be bound by all the terms and conditions, and receive all the benefits, of this Agreement except as DENR and the assignor or transferor agree otherwise and modify this Agreement, in writing, accordingly. Moreover, prior to or simultaneous with any assignment or transfer of the Property, the assignee or transferee must consent in writing to be bound by the terms of this Agreement including but not limited to the certification requirement in Section VIII of this Agreement.

XII. DISCLAIMER

26. This Agreement in no way constitutes a finding by DENR as to the risks to public health and the environment which may be posed by regulated substances at the Property, a representation by DENR that the Property is fit for any particular purpose, nor a waiver of Prospective Developer's duty to seek applicable permits or of the provisions of N.C.G.S. § 130A-310.37.

XIII. DOCUMENT RETENTION

27. The Prospective Developer agrees to retain and make available to DENR all business and operating records, contracts, site studies and investigations, and documents relating to operations at the Property, for ten years following the effective date of this Agreement or until Prospective Developer's completion of the work to be performed at the Property to the satisfaction of DENR, whichever is longer, unless otherwise agreed to in writing by the Parties. At the end of ten years, the Prospective Developer shall notify DENR of the location of such documents and shall provide DENR with an opportunity to copy any documents at the expense of DENR.

XIV. PAYMENT OF ENFORCEMENT COSTS

28. If the Prospective Developer fails to comply with the terms of this Agreement, including, but not limited to, the provisions of Section V (Work to be Performed), it shall be liable for all reasonable litigation and other enforcement costs incurred by DENR to enforce this Agreement or otherwise obtain compliance.

XV. NOTICES AND SUBMISSIONS

29. Unless otherwise required by DENR, all notices and submissions pursuant to this Agreement may be sent by prepaid first class U.S. mail, as follows:

a. for DENR:

Mr. Tony Duque
Brownfields Project Manager
Superfund Branch, DWM
Department of Environment and Natural Resources
1646 Mail Service Center

Raleigh, NC 27699-1646

b. for Prospective Developer:

Mr. Mason Hawfield
Manager
Cape Fear Soccerplex, LLC
6726 Netherlands Drive, #700
Wilmington, NC 28405

Notices and submissions sent by prepaid first class U.S. mail shall be effective on the third day following postmarking. Notices and submissions sent by hand or by other means affording written evidence of date of receipt shall be effective on such date.

XVI. EFFECTIVE DATE

30. The effective date of this Agreement shall be the earlier of the third day after DENR sends notice to Prospective Developer by prepaid first class U.S. mail, or the day DENR notifies Prospective Developer by facsimile, if DENR does so, that DENR has fully executed this Agreement after review of and response to any public comments received.

XVII. TERMINATION OF CERTAIN PROVISIONS

31. If any Party believes that any or all of the obligations under Section VI (Access/Notice to Successors in Interest) are no longer necessary to ensure compliance with the requirements of this Agreement, that Party may request in writing that the other Party agree to terminate the provision(s) establishing such obligations; provided, however, that the provision(s) in question shall continue in force unless and until the Party requesting such termination receives written agreement from the

other Party to terminate such provision(s).

XVIII. CONTRIBUTION PROTECTION

32. With regard to claims for contribution against Prospective Developer in relation to the subject matter of this Agreement, the Parties hereto agree that the Prospective Developer is entitled to protection from such claims to the extent provided by N.C.G.S. § 130A-310.37(a)(5)-(6). The subject matter of this Agreement is all remediation taken or to be taken and response costs incurred or to be incurred by DENR or any other person in relation to the Property.

33. The Prospective Developer agrees that, with respect to any suit or claim for contribution brought by it in relation to the subject matter of this Agreement, it will notify DENR in writing no later than 60 days prior to the initiation of such suit or claim.

34. The Prospective Developer also agrees that, with respect to any suit or claim for contribution brought against it in relation to the subject matter of this Agreement, it will notify DENR in writing within 10 days of service of the complaint on it.

XIX. PUBLIC COMMENT

35. This Agreement shall be subject to a sixty-day public comment period dating from publication of the approved summary of the Notice of Intent to Redevelop a Brownfields Property required by N.C.G.S. § 130A-310.34 in the North Carolina Register or a newspaper of general circulation serving the area in which the Property is located, whichever shall occur later. After expiration of that period, or following a public meeting if DENR holds one pursuant to N.C.G.S. § 130A-310.34(c), DENR may modify or withdraw its consent to this Agreement if comments received disclose facts or considerations which indicate that this Agreement is inappropriate, improper or inadequate.

IT IS SO AGREED:
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
By:

_____

Dexter R. Matthews, Director, Division of Waste Management Date

IT IS SO AGREED:
CAPE FEAR SOCCERPLEX, LLC
By:

_____

Mason Hawfield, Manager Date

EXHIBIT 1

Legal Description

Beginning at a new iron pipe in the westerly right-of-way line of the CSX Transportation Company Railroad (130 foot right-of-way), formerly known as SCL Railroad. Said beginning pipe being located South 25 degrees 26 minutes 35 seconds West 2,481.30 feet, from NC Grid Station "Queensboro" said station having coordinates of North 194537.11 feet and East 2313797.78 feet, NAD 83. Said beginning pipe also being located South 79 degrees 51 minutes 34 seconds West 65.00 feet, from a point on the center-line of said CSX Transportation Company Railroad. Said point on said center-line being located South 10 degrees 08 minutes 26 seconds East 858.98 feet, from the intersection of said center-line with the center-line of Flemington Street, formerly known as Fayetteville Avenue (60 foot right-of-way) as shown on a map of "Flemington" recorded in Map Book 4 at Page 64 of the New Hanover County Registry. Said beginning pipe also being located 1,266.97 feet, as measured in a northerly direction along said westerly right-of-way line from an old concrete monument at the intersection of said westerly right-of-way line with the northerly right-of-way line of Sampson Street (70 foot right-of-way) as shown on a Map of Survey of Oak Grove Cemetery recorded in Map Book 8 at Page 68 of said Registry. Running thence from said beginning pipe.

1. North 83 degrees 43 minutes 30 seconds West 1,220.03 feet, passing through a new iron pipe 406.68 feet, and 815.36 feet, to a new iron pipe; thence

2. North 21 degrees 01 minute 04 seconds West 2,124.93 feet, passing through a new iron pipe AT 531.23 feet, 1,062.46 feet, and 1,593.70 feet, to a new iron pipe. Last said pipe being a southerly corner of a 20.52 acre tract shown on a map recorded in Map Book 39 at Page 210 of said Registry; thence

3. North 06 degrees 16 minutes 54 seconds East 98.39 feet, along an easterly line of said 20.52 acre tract to a new iron pipe; thence

4. South 83 degrees 43 minutes 06 seconds East 1566.97 feet, along a southerly line of 20.52 acre tract, to an old iron pipe on the westerly right-of-way line of said CSX Transportation Company Railroad. Last said point being on a curve having a radius of 2,770.70 feet; thence

5. With arc of said curve and with the westerly right-of-way line of said CSX Transportation Company Railroad, as it curves to the west, to a new iron pipe at the southerly end of said curve that is South 15 degrees 02 minutes 24 seconds East a chord distance of 473.29 feet, from the preceding point; thence

6. South 10 degrees 08 minutes 26 seconds East 1,611.35 feet, along said westerly right-of-way line, to the point of beginning.

The above described tract contains 65.47± acres. The same being a portion of the Fleming and Royal Tract. Being also the same property described in that "Map of a Survey for Cape Fear Soccer Association, Inc." dated November 22, 2000, by Sherwin D. Cribb, PLS.

EXHIBIT 2

Settling Defendants and Their Notice Addresses

WASTE INDUSTRIES, INC.
WASTE INDUSTRIES OF NEW HANOVER, INC.
c/o Marshal, Williams, & Gorham, L.L.P.
P. O. Drawer 2088
Wilmington, NC 28402

NEW HANOVER COUNTY
New Hanover County Administration Building
320 Chestnut Street, Room 309
Wilmington, NC 28401

STATE OF NORTH CAROLINA
Department of Environment, Health and Natural Resources
1601 Mail Service Center
Raleigh, NC 27699-1601

A. D. Royal
Carmen M. Butler
Charles A. Royal, Jr.
Eloise R. Piexotto
Mildred R. Simpson
Stephen D. Royal
Mildred Fleming Powell
c/o Hogue, Hill, Jones, Nash & Lynch
P. O. Drawer 2178
Wilmington, NC 28402

CITY OF WILMINGTON
P. O. Box 1810
Wilmington, NC 28402

TRASH REMOVAL SERVICES, INC.
c/o Waste Management of Carolinas, Inc.
2600 Delk Road
Marietta, GA 30067-8835

JERRY SAUNDERS t/a A & M SANITATION
c/o Stevens, McGhee, Morgan, Lennon & O'Quinn
P. O. Drawer 59
Wilmington, NC 28402

A-1 SANITATION SERVICES, INC.
c/o Stevens, McGhee, Morgan, Lennon & O'Quinn
P. O. Drawer 59
Wilmington, NC 28402