Pace Analytical®
www.pacelabs.com

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

January 09, 2010

RECEIVED
JAN 25 2010
SOLID WASTE

Mr. Johnny Gibson
Town of Canton
58 Parks St.
Canton, NC 28716

RE: Project: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

Dear Mr. Gibson:
Enclosed are the analytical results for sample(s) received by the laboratory on December 17, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

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

Sincerely,

Jane Meehan for
Tom Williams
tom.williams@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

Charlotte Certification IDs

Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
9800 Kincey Ave. - Ste 100 Huntersville, NC 28078
West Virginia Certification #: 357
Virginia Certification #: 00213
Tennessee Certification #: 04010
South Carolina Drinking Water Cert. #: 990060003
South Carolina Certification #: 990060001
Pennsylvania Certification #: 68-00784
North Carolina Wastewater Certification #: 12
North Carolina Field Services Certification #: 5342
North Carolina Drinking Water Certification #: 37706
New Jersey Certification #: NC012
Louisiana/LELAP Certification #: 04034
Kentucky UST Certification #: 84

Asheville Certification IDs

Connecticut Certification #: PH-0106
2225 Riverside Dr. Asheville, NC 28804
Virginia Certification #: 00072
Tennessee Certification #: 2980
South Carolina Certification #: 99030001
South Carolina Bioassay Certification #: 99030002
Pennsylvania Certification #: 68-03578
North Carolina Wastewater Certification #: 40
North Carolina Drinking Water Certification #: 37712
North Carolina Bioassay Certification #: 9
New Jersey Certification #: NC011
Massachusetts Certification #: M-NC030
Louisiana/LELAP Certification #: 03095
Florida/NELAP Certification #: E87648
West Virginia Certification #: 356

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical®
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

Sample: MW-1 **Lab ID: 9259834001** Collected: 12/17/09 11:50 Received: 12/17/09 14:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		12/31/09 14:26		
Collected Date	**12/17/09**			1		12/31/09 14:26		
Collected Time	**11:50**			1		12/31/09 14:26		
Field pH	**5.51**	Std. Units		1		12/31/09 14:26		
Field Temperature	**10.8**	deg C		1		12/31/09 14:26		
Static Water Level	**80.40**	feet		1		12/31/09 14:26		
Field Specific Conductance	**196**	umhos/cm		1		12/31/09 14:26		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:40	7440-38-2	
Barium	**344**	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:40	7440-39-3	
Cadmium	ND	ug/L	1.0	1	12/28/09 14:40	12/31/09 08:40	7440-43-9	
Chromium	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:40	7440-47-3	
Lead	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:40	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/28/09 14:40	12/31/09 08:40	7782-49-2	
Silver	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:40	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	12/29/09 12:15	12/31/09 13:10	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/23/09 04:42	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		12/23/09 04:42	107-13-1	
Benzene	ND	ug/L	1.0	1		12/23/09 04:42	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		12/23/09 04:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/23/09 04:42	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/23/09 04:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/23/09 04:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/23/09 04:42	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		12/23/09 04:42	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		12/23/09 04:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/23/09 04:42	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/23/09 04:42	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/23/09 04:42	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/23/09 04:42	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	1		12/23/09 04:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/23/09 04:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/23/09 04:42	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/23/09 04:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/23/09 04:42	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/23/09 04:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		12/23/09 04:42	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/23/09 04:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/23/09 04:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/23/09 04:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/09 04:42	156-59-2	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

Sample: MW-1 **Lab ID: 9259834001** Collected: 12/17/09 11:50 Received: 12/17/09 14:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/09 04:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/23/09 04:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/09 04:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/09 04:42	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		12/23/09 04:42	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		12/23/09 04:42	591-78-6	
Iodomethane	ND	ug/L	5.0	1		12/23/09 04:42	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		12/23/09 04:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/23/09 04:42	108-10-1	
Styrene	ND	ug/L	1.0	1		12/23/09 04:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/09 04:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/09 04:42	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/23/09 04:42	127-18-4	
Toluene	ND	ug/L	1.0	1		12/23/09 04:42	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/23/09 04:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/23/09 04:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/23/09 04:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/23/09 04:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/23/09 04:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/23/09 04:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/23/09 04:42	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/23/09 04:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/23/09 04:42	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		12/23/09 04:42	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109	1		12/23/09 04:42	460-00-4	
Dibromofluoromethane (S)	104	%	85-115	1		12/23/09 04:42	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	79-120	1		12/23/09 04:42	17060-07-0	
Toluene-d8 (S)	102	%	70-120	1		12/23/09 04:42	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

Sample: MW-2 **Lab ID: 9259834002** Collected: 12/17/09 11:30 Received: 12/17/09 14:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		12/31/09 14:27		
Collected Date	**12/17/09**			1		12/31/09 14:27		
Collected Time	**11:30**			1		12/31/09 14:27		
Field pH	**6.04**	Std. Units		1		12/31/09 14:27		
Field Temperature	**9.5**	deg C		1		12/31/09 14:27		
Static Water Level	**5.31**	feet		1		12/31/09 14:27		
Field Specific Conductance	**214**	umhos/cm		1		12/31/09 14:27		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:44	7440-38-2	
Barium	**32.3**	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:44	7440-39-3	
Cadmium	ND	ug/L	1.0	1	12/28/09 14:40	12/31/09 08:44	7440-43-9	
Chromium	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:44	7440-47-3	
Lead	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:44	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/28/09 14:40	12/31/09 08:44	7782-49-2	
Silver	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:44	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	12/29/09 12:15	12/31/09 13:13	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/23/09 05:05	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		12/23/09 05:05	107-13-1	
Benzene	ND	ug/L	1.0	1		12/23/09 05:05	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		12/23/09 05:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/23/09 05:05	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/23/09 05:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/23/09 05:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/23/09 05:05	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		12/23/09 05:05	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		12/23/09 05:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/23/09 05:05	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/23/09 05:05	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/23/09 05:05	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/23/09 05:05	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	1		12/23/09 05:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/23/09 05:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/23/09 05:05	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/23/09 05:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/23/09 05:05	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/23/09 05:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		12/23/09 05:05	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/23/09 05:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/23/09 05:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/23/09 05:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/09 05:05	156-59-2	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

Sample: MW-2 **Lab ID: 9259834002** Collected: 12/17/09 11:30 Received: 12/17/09 14:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/09 05:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/23/09 05:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/09 05:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/09 05:05	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		12/23/09 05:05	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		12/23/09 05:05	591-78-6	
Iodomethane	ND	ug/L	5.0	1		12/23/09 05:05	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		12/23/09 05:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/23/09 05:05	108-10-1	
Styrene	ND	ug/L	1.0	1		12/23/09 05:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/09 05:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/09 05:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/23/09 05:05	127-18-4	
Toluene	ND	ug/L	1.0	1		12/23/09 05:05	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/23/09 05:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/23/09 05:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/23/09 05:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/23/09 05:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/23/09 05:05	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/23/09 05:05	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/23/09 05:05	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/23/09 05:05	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/23/09 05:05	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		12/23/09 05:05	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109	1		12/23/09 05:05	460-00-4	
Dibromofluoromethane (S)	102	%	85-115	1		12/23/09 05:05	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	79-120	1		12/23/09 05:05	17060-07-0	
Toluene-d8 (S)	102	%	70-120	1		12/23/09 05:05	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

Sample: SW-1 **Lab ID: 9259834003** Collected: 12/17/09 11:15 Received: 12/17/09 14:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		12/31/09 14:28		
Collected Date	**12/17/09**			1		12/31/09 14:28		
Collected Time	**11:15**			1		12/31/09 14:28		
Field pH	**7.34**	Std. Units		1		12/31/09 14:28		
Field Temperature	**8.2**	deg C		1		12/31/09 14:28		
Field Specific Conductance	**1251**	umhos/cm		1		12/31/09 14:28		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:48	7440-38-2	
Barium	**262**	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:48	7440-39-3	
Cadmium	ND	ug/L	1.0	1	12/28/09 14:40	12/31/09 08:48	7440-43-9	
Chromium	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:48	7440-47-3	
Lead	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:48	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/28/09 14:40	12/31/09 08:48	7782-49-2	
Silver	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:48	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	12/29/09 12:15	12/31/09 13:15	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/23/09 05:29	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		12/23/09 05:29	107-13-1	
Benzene	ND	ug/L	1.0	1		12/23/09 05:29	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		12/23/09 05:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/23/09 05:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/23/09 05:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/23/09 05:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/23/09 05:29	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		12/23/09 05:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		12/23/09 05:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/23/09 05:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/23/09 05:29	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/23/09 05:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/23/09 05:29	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	1		12/23/09 05:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/23/09 05:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/23/09 05:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/23/09 05:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/23/09 05:29	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/23/09 05:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		12/23/09 05:29	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/23/09 05:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/23/09 05:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/23/09 05:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/09 05:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/09 05:29	156-60-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

Sample: SW-1 **Lab ID: 9259834003** Collected: 12/17/09 11:15 Received: 12/17/09 14:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/L	1.0	1		12/23/09 05:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/09 05:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/09 05:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		12/23/09 05:29	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		12/23/09 05:29	591-78-6	
Iodomethane	ND	ug/L	5.0	1		12/23/09 05:29	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		12/23/09 05:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/23/09 05:29	108-10-1	
Styrene	ND	ug/L	1.0	1		12/23/09 05:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/09 05:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/09 05:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/23/09 05:29	127-18-4	
Toluene	ND	ug/L	1.0	1		12/23/09 05:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/23/09 05:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/23/09 05:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/23/09 05:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/23/09 05:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/23/09 05:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/23/09 05:29	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/23/09 05:29	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/23/09 05:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/23/09 05:29	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		12/23/09 05:29	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109	1		12/23/09 05:29	460-00-4	
Dibromofluoromethane (S)	106	%	85-115	1		12/23/09 05:29	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	79-120	1		12/23/09 05:29	17060-07-0	
Toluene-d8 (S)	102	%	70-120	1		12/23/09 05:29	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

Sample: Travel Blank **Lab ID: 9259834004** Collected: 12/17/09 00:00 Received: 12/17/09 14:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/23/09 05:53	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		12/23/09 05:53	107-13-1	
Benzene	ND	ug/L	1.0	1		12/23/09 05:53	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		12/23/09 05:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/23/09 05:53	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/23/09 05:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/23/09 05:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/23/09 05:53	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		12/23/09 05:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		12/23/09 05:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/23/09 05:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/23/09 05:53	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/23/09 05:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/23/09 05:53	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	1		12/23/09 05:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/23/09 05:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/23/09 05:53	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/23/09 05:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/23/09 05:53	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/23/09 05:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		12/23/09 05:53	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/23/09 05:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/23/09 05:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/23/09 05:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/09 05:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/09 05:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/23/09 05:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/09 05:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/09 05:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		12/23/09 05:53	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		12/23/09 05:53	591-78-6	
Iodomethane	ND	ug/L	5.0	1		12/23/09 05:53	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		12/23/09 05:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/23/09 05:53	108-10-1	
Styrene	ND	ug/L	1.0	1		12/23/09 05:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/09 05:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/09 05:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/23/09 05:53	127-18-4	
Toluene	ND	ug/L	1.0	1		12/23/09 05:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/23/09 05:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/23/09 05:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/23/09 05:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/23/09 05:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/23/09 05:53	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/23/09 05:53	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/23/09 05:53	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/23/09 05:53	1330-20-7	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

Sample: Travel Blank **Lab ID: 9259834004** Collected: 12/17/09 00:00 Received: 12/17/09 14:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
m&p-Xylene	ND	ug/L	2.0	1		12/23/09 05:53	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		12/23/09 05:53	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109	1		12/23/09 05:53	460-00-4	
Dibromofluoromethane (S)	107	%	85-115	1		12/23/09 05:53	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	79-120	1		12/23/09 05:53	17060-07-0	
Toluene-d8 (S)	100	%	70-120	1		12/23/09 05:53	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

Sample: Equipment Blank **Lab ID: 9259834005** Collected: 12/17/09 00:00 Received: 12/17/09 14:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:52	7440-38-2	
Barium	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:52	7440-39-3	
Cadmium	ND	ug/L	1.0	1	12/28/09 14:40	12/31/09 08:52	7440-43-9	
Chromium	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:52	7440-47-3	
Lead	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:52	7439-92-1	
Selenium	ND	ug/L	10.0	1	12/28/09 14:40	12/31/09 08:52	7782-49-2	
Silver	ND	ug/L	5.0	1	12/28/09 14:40	12/31/09 08:52	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	12/29/09 12:15	12/31/09 13:18	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/23/09 06:17	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		12/23/09 06:17	107-13-1	
Benzene	ND	ug/L	1.0	1		12/23/09 06:17	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		12/23/09 06:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/23/09 06:17	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/23/09 06:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/23/09 06:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/23/09 06:17	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		12/23/09 06:17	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		12/23/09 06:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/23/09 06:17	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/23/09 06:17	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/23/09 06:17	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/23/09 06:17	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.0	1		12/23/09 06:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/23/09 06:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/23/09 06:17	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/23/09 06:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/23/09 06:17	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/23/09 06:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		12/23/09 06:17	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/23/09 06:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/23/09 06:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/23/09 06:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/09 06:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/09 06:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/23/09 06:17	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/09 06:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/09 06:17	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		12/23/09 06:17	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		12/23/09 06:17	591-78-6	
Iodomethane	ND	ug/L	5.0	1		12/23/09 06:17	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		12/23/09 06:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/23/09 06:17	108-10-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

Sample: Equipment Blank **Lab ID: 9259834005** Collected: 12/17/09 00:00 Received: 12/17/09 14:44 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Styrene	ND	ug/L	1.0	1		12/23/09 06:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/09 06:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/09 06:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/23/09 06:17	127-18-4	
Toluene	ND	ug/L	1.0	1		12/23/09 06:17	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/23/09 06:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/23/09 06:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/23/09 06:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/23/09 06:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/23/09 06:17	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/23/09 06:17	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/23/09 06:17	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/23/09 06:17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/23/09 06:17	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		12/23/09 06:17	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109	1		12/23/09 06:17	460-00-4	
Dibromofluoromethane (S)	103	%	85-115	1		12/23/09 06:17	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	79-120	1		12/23/09 06:17	17060-07-0	
Toluene-d8 (S)	102	%	70-120	1		12/23/09 06:17	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

QC Batch: MPRP/5593 — Analysis Method: EPA 6010
QC Batch Method: EPA 3010 — Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 9259834001, 9259834002, 9259834003, 9259834005

METHOD BLANK: 384425 — Matrix: Water
Associated Lab Samples: 9259834001, 9259834002, 9259834003, 9259834005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	5.0	12/31/09 07:06	
Barium	ug/L	ND	5.0	12/31/09 07:06	
Cadmium	ug/L	ND	1.0	12/31/09 07:06	
Chromium	ug/L	ND	5.0	12/31/09 07:06	
Lead	ug/L	ND	5.0	12/31/09 07:06	
Selenium	ug/L	ND	10.0	12/31/09 07:06	
Silver	ug/L	ND	5.0	12/31/09 07:06	

LABORATORY CONTROL SAMPLE: 384426

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	502	100	80-120	
Barium	ug/L	500	473	95	80-120	
Cadmium	ug/L	500	460	92	80-120	
Chromium	ug/L	500	468	94	80-120	
Lead	ug/L	500	462	92	80-120	
Selenium	ug/L	500	460	92	80-120	
Silver	ug/L	250	233	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 384427 384428

Parameter	Units	9259901002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Arsenic	ug/L	10.6	500	500	533	561	104	110	75-125	5	
Barium	ug/L	108	500	500	555	574	89	93	75-125	3	
Cadmium	ug/L	ND	500	500	437	454	87	91	75-125	4	
Chromium	ug/L	ND	500	500	449	468	90	94	75-125	4	
Lead	ug/L	ND	500	500	425	442	85	88	75-125	4	
Selenium	ug/L	ND	500	500	499	508	99	101	75-125	2	
Silver	ug/L	2.0J	250	250	244	254	97	101	75-125	4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

QC Batch: MERP/2581 — Analysis Method: EPA 7470
QC Batch Method: EPA 7470 — Analysis Description: 7470 Mercury
Associated Lab Samples: 9259834001, 9259834002, 9259834003, 9259834005

METHOD BLANK: 384634 — Matrix: Water
Associated Lab Samples: 9259834001, 9259834002, 9259834003, 9259834005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/31/09 12:58	

LABORATORY CONTROL SAMPLE: 384635

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.7	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 384638 384639

Parameter	Units	9259798009 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	2.4	2.5	98	102	75-125	4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

QC Batch: MSV/9445 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9259834001, 9259834002, 9259834003, 9259834004, 9259834005

METHOD BLANK: 382736 Matrix: Water
Associated Lab Samples: 9259834001, 9259834002, 9259834003, 9259834004, 9259834005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	12/23/09 02:18	
1,1,1-Trichloroethane	ug/L	ND	1.0	12/23/09 02:18	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/23/09 02:18	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/23/09 02:18	
1,1-Dichloroethane	ug/L	ND	1.0	12/23/09 02:18	
1,1-Dichloroethene	ug/L	ND	1.0	12/23/09 02:18	
1,2,3-Trichloropropane	ug/L	ND	1.0	12/23/09 02:18	
1,2-Dibromo-3-chloropropane	ug/L	ND	3.0	12/23/09 02:18	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/23/09 02:18	
1,2-Dichlorobenzene	ug/L	ND	1.0	12/23/09 02:18	
1,2-Dichloroethane	ug/L	ND	1.0	12/23/09 02:18	
1,2-Dichloropropane	ug/L	ND	1.0	12/23/09 02:18	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/23/09 02:18	
2-Butanone (MEK)	ug/L	ND	5.0	12/23/09 02:18	
2-Hexanone	ug/L	ND	5.0	12/23/09 02:18	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/23/09 02:18	
Acetone	ug/L	ND	25.0	12/23/09 02:18	
Acrylonitrile	ug/L	ND	10.0	12/23/09 02:18	
Benzene	ug/L	ND	1.0	12/23/09 02:18	
Bromochloromethane	ug/L	ND	1.0	12/23/09 02:18	
Bromodichloromethane	ug/L	ND	1.0	12/23/09 02:18	
Bromoform	ug/L	ND	1.0	12/23/09 02:18	
Bromomethane	ug/L	ND	5.0	12/23/09 02:18	
Carbon disulfide	ug/L	ND	2.0	12/23/09 02:18	
Carbon tetrachloride	ug/L	ND	1.0	12/23/09 02:18	
Chlorobenzene	ug/L	ND	1.0	12/23/09 02:18	
Chloroethane	ug/L	ND	1.0	12/23/09 02:18	
Chloroform	ug/L	ND	1.0	12/23/09 02:18	
Chloromethane	ug/L	ND	1.0	12/23/09 02:18	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/23/09 02:18	
cis-1,3-Dichloropropene	ug/L	ND	1.0	12/23/09 02:18	
Dibromochloromethane	ug/L	ND	1.0	12/23/09 02:18	
Dibromomethane	ug/L	ND	1.0	12/23/09 02:18	
Ethylbenzene	ug/L	ND	1.0	12/23/09 02:18	
Iodomethane	ug/L	ND	5.0	12/23/09 02:18	
m&p-Xylene	ug/L	ND	2.0	12/23/09 02:18	
Methylene Chloride	ug/L	ND	2.0	12/23/09 02:18	
o-Xylene	ug/L	ND	1.0	12/23/09 02:18	
Styrene	ug/L	ND	1.0	12/23/09 02:18	
Tetrachloroethene	ug/L	ND	1.0	12/23/09 02:18	
Toluene	ug/L	ND	1.0	12/23/09 02:18	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/23/09 02:18	
trans-1,3-Dichloropropene	ug/L	ND	1.0	12/23/09 02:18	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

METHOD BLANK: 382736 Matrix: Water

Associated Lab Samples: 9259834001, 9259834002, 9259834003, 9259834004, 9259834005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	12/23/09 02:18	
Trichloroethene	ug/L	ND	1.0	12/23/09 02:18	
Trichlorofluoromethane	ug/L	ND	1.0	12/23/09 02:18	
Vinyl acetate	ug/L	ND	2.0	12/23/09 02:18	
Vinyl chloride	ug/L	ND	1.0	12/23/09 02:18	
Xylene (Total)	ug/L	ND	2.0	12/23/09 02:18	
1,2-Dichloroethane-d4 (S)	%	99	79-120	12/23/09 02:18	
4-Bromofluorobenzene (S)	%	97	87-109	12/23/09 02:18	
Dibromofluoromethane (S)	%	101	85-115	12/23/09 02:18	
Toluene-d8 (S)	%	101	70-120	12/23/09 02:18	

LABORATORY CONTROL SAMPLE: 382737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.4	105	83-125	
1,1,1-Trichloroethane	ug/L	50	58.5	117	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	50.9	102	73-127	
1,1,2-Trichloroethane	ug/L	50	54.8	110	77-123	
1,1-Dichloroethane	ug/L	50	62.0	124	76-129	
1,1-Dichloroethene	ug/L	50	63.1	126	78-146	
1,2,3-Trichloropropane	ug/L	50	50.7	101	72-125	
1,2-Dibromo-3-chloropropane	ug/L	50	53.0	106	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	53.0	106	81-125	
1,2-Dichlorobenzene	ug/L	50	53.2	106	82-126	
1,2-Dichloroethane	ug/L	50	53.9	108	72-126	
1,2-Dichloropropane	ug/L	50	55.5	111	80-127	
1,4-Dichlorobenzene	ug/L	50	52.8	106	79-125	
2-Butanone (MEK)	ug/L	100	109	109	50-134	
2-Hexanone	ug/L	100	108	108	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	111	111	70-131	
Acetone	ug/L	100	105	105	50-146	
Acrylonitrile	ug/L	250	290	116	66-124	
Benzene	ug/L	50	55.3	111	78-128	
Bromochloromethane	ug/L	50	62.7	125	73-124	L3
Bromodichloromethane	ug/L	50	52.0	104	81-125	
Bromoform	ug/L	50	53.5	107	71-125	
Bromomethane	ug/L	50	44.2	88	50-150	
Carbon disulfide	ug/L	50	60.3	121	54-150	
Carbon tetrachloride	ug/L	50	56.9	114	81-137	
Chlorobenzene	ug/L	50	54.6	109	82-126	
Chloroethane	ug/L	50	62.0	124	69-140	
Chloroform	ug/L	50	54.7	109	77-129	
Chloromethane	ug/L	50	56.8	114	54-139	
cis-1,2-Dichloroethene	ug/L	50	59.7	119	76-133	
cis-1,3-Dichloropropene	ug/L	50	53.4	107	76-127	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

LABORATORY CONTROL SAMPLE: 382737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	50	51.7	103	77-125	
Dibromomethane	ug/L	50	57.3	115	77-125	
Ethylbenzene	ug/L	50	54.9	110	80-127	
Iodomethane	ug/L	100	140	140	65-172	
m&p-Xylene	ug/L	100	109	109	82-127	
Methylene Chloride	ug/L	50	64.8	130	67-133	
o-Xylene	ug/L	50	53.7	107	83-124	
Styrene	ug/L	50	54.6	109	80-130	
Tetrachloroethene	ug/L	50	54.3	109	78-128	
Toluene	ug/L	50	54.7	109	76-126	
trans-1,2-Dichloroethene	ug/L	50	58.0	116	78-134	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	75-125	
trans-1,4-Dichloro-2-butene	ug/L	50	58.5	117	51-140	
Trichloroethene	ug/L	50	56.7	113	79-127	
Trichlorofluoromethane	ug/L	50	58.4	117	76-148	
Vinyl acetate	ug/L	100	120	120	50-150	
Vinyl chloride	ug/L	50	57.6	115	67-143	
Xylene (Total)	ug/L	150	162	108	83-125	
1,2-Dichloroethane-d4 (S)	%			101	79-120	
4-Bromofluorobenzene (S)	%			100	87-109	
Dibromofluoromethane (S)	%			103	85-115	
Toluene-d8 (S)	%			100	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 382738 382739

Parameter	Units	9259504019 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	60.0	72.5	120	145	60-150	19	
Benzene	ug/L	7.1	50	50	58.8	69.1	103	124	74-136	16	
Chlorobenzene	ug/L	1.2	50	50	51.1	62.4	100	122	79-135	20	
Toluene	ug/L	ND	50	50	51.2	61.8	102	124	73-131	19	
Trichloroethene	ug/L	1.1	50	50	53.1	64.5	104	127	73-131	19	
1,2-Dichloroethane-d4 (S)	%						113	112	79-120		
4-Bromofluorobenzene (S)	%						99	101	87-109		
Dibromofluoromethane (S)	%						107	105	85-115		
Toluene-d8 (S)	%						101	101	70-120		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

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: Canton LF- Grondwater Mon.
Pace Project No.: 9259834

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.
Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.
U - Indicates the compound was analyzed for, but not detected.

BATCH QUALIFIERS

Batch: MSV/9445

[1] 8260 CCAL failed high for vinyl chloride, results would be biased high.

ANALYTE QUALIFIERS

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1321376

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: TOWN OF CANTON	Report To: Johnny Gibson	Attention:
Address: CANTON	Copy To:	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: 646-3409 Fax:	Project Name: LANDFILL MW'S, SW	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER _____

Site Location STATE: NC

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	pH Temp Spcond	Static H2O	VOC	RCRA 8 Metal	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1					12-17-09	1150		4			1	3						X	X	X	X		
2	MW-2					12-17-09	1130		4			1	3						X	X	X	X		
3	SW-1					12-17	1115		4			1	3						X		X	X		
4																								
5	TVC BLK					12-17			2				2								X			
6	EQUIP BLK					12-17			3			1	2								X	X		
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
MW	to H2O	pH	Temp	Spcond	X	12-17-09	1215	[signature]	12-17	1215				
1	80.40	5.51	10.8	196										
2	5.31	6.34	9.5	214										
SW 2	X	7.34	8.2	1251										

MW-1 - Limited metals VOC 2

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 12-17-09

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007