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SOLID WASTE SECTION

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

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

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

TOWN OF CANTON

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

Name: Pace Analytical Services, Inc. Phone: (828) 254-7176

E-mail: christopher.derouen@pacelabs.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Town of Canton	State Road 1854 Canton, NC 28716	44-04		06-29-2015

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

Johnny Gibson — Facility Representative Name (Print)
Crew Leader — Title
(828) 648-2363 — (Area Code) Telephone Number

Johnny Gibson — Signature
07-15-15 — Date

Affix NC Licensed/ Professional Geologist Seal

Town of Canton Public Works Dept. P.O. Box 987 Canton, NC 28716
Facility Representative Address

NC PE Firm License Number (if applicable effective May 1, 2009)

Revised 6/2009

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

July 13, 2015

Johnny Gibson
Town of Canton

RE: Project: MW- Landfill 6/29
Pace Project No.: 92256447

Dear Johnny Gibson:
Enclosed are the analytical results for sample(s) received by the laboratory on June 29, 2015. 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,

Chris Derouen
christopher.derouen@pacelabs.com
Project Manager

Enclosures

cc: Mr. Johnny Gibson, Town of Canton

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

CERTIFICATIONS

Project: MW- Landfill 6/29
Pace Project No.: 92256447

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
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

Asheville Certification IDs
2225 Riverside Drive, 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
West Virginia Certification #: 356
Virginia/VELAP Certification #: 460222

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Asheville, NC 28804
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SAMPLE SUMMARY

Project: MW- Landfill 6/29
Pace Project No.: 92256447

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92256447001	MW-1	Water	06/29/15 11:55	06/29/15 14:00
92256447002	MW-2	Water	06/29/15 11:30	06/29/15 14:00
92256447003	SW-1	Water	06/29/15 11:20	06/29/15 14:00
92256447005	TVL BLK	Water	06/29/15 08:00	06/29/15 14:00
92256447006	EQUIP BLK	Water	06/29/15 11:00	06/29/15 14:00

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SAMPLE ANALYTE COUNT

Project: MW- Landfill 6/29
Pace Project No.: 92256447

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92256447001	MW-1	EPA 6010	JMW	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	SNP	51	PASI-C
92256447002	MW-2	EPA 6010	JMW	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	SNP	51	PASI-C
92256447003	SW-1	EPA 6010	JMW	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	SNP	51	PASI-C
92256447005	TVL BLK	EPA 8260	SNP	51	PASI-C
92256447006	EQUIP BLK	EPA 6010	JMW	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	SNP	51	PASI-C

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2225 Riverside Dr.
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(828)254-7176

ANALYTICAL RESULTS

Project: MW- Landfill 6/29
Pace Project No.: 92256447

Sample: MW-1 **Lab ID: 92256447001** Collected: 06/29/15 11:55 Received: 06/29/15 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:								
Collected By	**Mark Swann**				1		07/02/15 16:52		
Collected Date	**6/29/15**				1		07/02/15 16:52		
Collected Time	**11:55**				1		07/02/15 16:52		
Field pH	**6.1**	Std. Units	0.10	0.10	1		07/02/15 16:52		
Field Temperature	**15.4**	deg C	0.50	0.50	1		07/02/15 16:52		
Static Water Level	**78.06**	feet			1		07/02/15 16:52		
Field Specific Conductance	**167**	umhos/cm	1.0	1.0	1		07/02/15 16:52		
Turbidity	**6.32**	NTU	1.0	1.0	1		07/02/15 16:52		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**<2.5**	ug/L	10.0	2.5	1	07/07/15 16:40	07/08/15 18:15	7440-38-2	
Barium	**422**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:15	7440-39-3	
Cadmium	**<0.50**	ug/L	1.0	0.50	1	07/07/15 16:40	07/08/15 18:15	7440-43-9	
Chromium	**<2.5**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:15	7440-47-3	
Lead	**<2.5**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:15	7439-92-1	
Selenium	**<5.0**	ug/L	10.0	5.0	1	07/07/15 16:40	07/08/15 18:15	7782-49-2	
Silver	**<2.5**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:15	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.10**	ug/L	0.20	0.10	1	07/12/15 14:00	07/13/15 10:45	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**11.2J**	ug/L	25.0	10.0	1		07/01/15 06:58	67-64-1	
Acrylonitrile	**<1.9**	ug/L	10.0	1.9	1		07/01/15 06:58	107-13-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		07/01/15 06:58	71-43-2	
Bromochloromethane	**<0.17**	ug/L	1.0	0.17	1		07/01/15 06:58	74-97-5	
Bromodichloromethane	**<0.18**	ug/L	1.0	0.18	1		07/01/15 06:58	75-27-4	
Bromoform	**<0.26**	ug/L	1.0	0.26	1		07/01/15 06:58	75-25-2	
Bromomethane	**<0.29**	ug/L	2.0	0.29	1		07/01/15 06:58	74-83-9	
2-Butanone (MEK)	**<0.96**	ug/L	5.0	0.96	1		07/01/15 06:58	78-93-3	
Carbon disulfide	**<1.2**	ug/L	2.0	1.2	1		07/01/15 06:58	75-15-0	
Carbon tetrachloride	**<0.25**	ug/L	1.0	0.25	1		07/01/15 06:58	56-23-5	
Chlorobenzene	**<0.23**	ug/L	1.0	0.23	1		07/01/15 06:58	108-90-7	
Chloroethane	**<0.54**	ug/L	1.0	0.54	1		07/01/15 06:58	75-00-3	
Chloroform	**0.18J**	ug/L	1.0	0.14	1		07/01/15 06:58	67-66-3	
Chloromethane	**<0.11**	ug/L	1.0	0.11	1		07/01/15 06:58	74-87-3	
Dibromochloromethane	**<0.21**	ug/L	1.0	0.21	1		07/01/15 06:58	124-48-1	
1,2-Dibromoethane (EDB)	**<0.27**	ug/L	1.0	0.27	1		07/01/15 06:58	106-93-4	
Dibromomethane	**<0.21**	ug/L	1.0	0.21	1		07/01/15 06:58	74-95-3	
1,2-Dichlorobenzene	**<0.30**	ug/L	1.0	0.30	1		07/01/15 06:58	95-50-1	
1,4-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/01/15 06:58	106-46-7	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1.0	1		07/01/15 06:58	110-57-6	
1,1-Dichloroethane	**<0.32**	ug/L	1.0	0.32	1		07/01/15 06:58	75-34-3	
1,2-Dichloroethane	**<0.12**	ug/L	1.0	0.12	1		07/01/15 06:58	107-06-2	
1,1-Dichloroethene	**<0.56**	ug/L	1.0	0.56	1		07/01/15 06:58	75-35-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: MW- Landfill 6/29
Pace Project No.: 92256447

Sample: MW-1 **Lab ID: 92256447001** Collected: 06/29/15 11:55 Received: 06/29/15 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
cis-1,2-Dichloroethene	**0.25J**	ug/L	1.0	0.19	1		07/01/15 06:58	156-59-2	
trans-1,2-Dichloroethene	**<0.49**	ug/L	1.0	0.49	1		07/01/15 06:58	156-60-5	
1,2-Dichloropropane	**<0.27**	ug/L	1.0	0.27	1		07/01/15 06:58	78-87-5	
cis-1,3-Dichloropropene	**<0.13**	ug/L	1.0	0.13	1		07/01/15 06:58	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		07/01/15 06:58	10061-02-6	
Ethylbenzene	**<0.30**	ug/L	1.0	0.30	1		07/01/15 06:58	100-41-4	
2-Hexanone	**<0.46**	ug/L	5.0	0.46	1		07/01/15 06:58	591-78-6	
Iodomethane	**<0.32**	ug/L	5.0	0.32	1		07/01/15 06:58	74-88-4	
Methylene Chloride	**<0.97**	ug/L	2.0	0.97	1		07/01/15 06:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.33**	ug/L	5.0	0.33	1		07/01/15 06:58	108-10-1	
Styrene	**<0.26**	ug/L	1.0	0.26	1		07/01/15 06:58	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.33**	ug/L	1.0	0.33	1		07/01/15 06:58	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.40**	ug/L	1.0	0.40	1		07/01/15 06:58	79-34-5	
Tetrachloroethene	**<0.46**	ug/L	1.0	0.46	1		07/01/15 06:58	127-18-4	
Toluene	**0.50J**	ug/L	1.0	0.26	1		07/01/15 06:58	108-88-3	
1,1,1-Trichloroethane	**<0.48**	ug/L	1.0	0.48	1		07/01/15 06:58	71-55-6	
1,1,2-Trichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/01/15 06:58	79-00-5	
Trichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/01/15 06:58	79-01-6	
Trichlorofluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/01/15 06:58	75-69-4	
1,2,3-Trichloropropane	**<0.41**	ug/L	1.0	0.41	1		07/01/15 06:58	96-18-4	
Vinyl acetate	**<0.35**	ug/L	2.0	0.35	1		07/01/15 06:58	108-05-4	
Vinyl chloride	**<0.62**	ug/L	1.0	0.62	1		07/01/15 06:58	75-01-4	
Xylene (Total)	**<0.66**	ug/L	2.0	0.66	1		07/01/15 06:58	1330-20-7	
m&p-Xylene	**0.81J**	ug/L	2.0	0.66	1		07/01/15 06:58	179601-23-1	
o-Xylene	**0.88J**	ug/L	1.0	0.23	1		07/01/15 06:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	111	%	70-130		1		07/01/15 06:58	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		07/01/15 06:58	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		07/01/15 06:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: MW- Landfill 6/29
Pace Project No.: 92256447

Sample: MW-2 **Lab ID: 92256447002** Collected: 06/29/15 11:30 Received: 06/29/15 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:								
Collected By	**MArk Swann**				1		07/02/15 16:53		
Collected Date	**6/29/15**				1		07/02/15 16:53		
Collected Time	**11:30**				1		07/02/15 16:53		
Field pH	**7.4**	Std. Units	0.10	0.10	1		07/02/15 16:53		
Field Temperature	**14.4**	deg C	0.50	0.50	1		07/02/15 16:53		
Static Water Level	**6.89**	feet			1		07/02/15 16:53		
Field Specific Conductance	**311**	umhos/cm	1.0	1.0	1		07/02/15 16:53		
Turbidity	**8.03**	NTU	1.0	1.0	1		07/02/15 16:53		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**<2.5**	ug/L	10.0	2.5	1	07/07/15 16:40	07/08/15 18:18	7440-38-2	
Barium	**62.0**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:18	7440-39-3	
Cadmium	**<0.50**	ug/L	1.0	0.50	1	07/07/15 16:40	07/08/15 18:18	7440-43-9	
Chromium	**<2.5**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:18	7440-47-3	
Lead	**<2.5**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:18	7439-92-1	
Selenium	**<5.0**	ug/L	10.0	5.0	1	07/07/15 16:40	07/08/15 18:18	7782-49-2	
Silver	**<2.5**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:18	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.10**	ug/L	0.20	0.10	1	07/12/15 14:00	07/13/15 10:52	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**<10.0**	ug/L	25.0	10.0	1		07/01/15 07:15	67-64-1	
Acrylonitrile	**<1.9**	ug/L	10.0	1.9	1		07/01/15 07:15	107-13-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		07/01/15 07:15	71-43-2	
Bromochloromethane	**<0.17**	ug/L	1.0	0.17	1		07/01/15 07:15	74-97-5	
Bromodichloromethane	**<0.18**	ug/L	1.0	0.18	1		07/01/15 07:15	75-27-4	
Bromoform	**<0.26**	ug/L	1.0	0.26	1		07/01/15 07:15	75-25-2	
Bromomethane	**<0.29**	ug/L	2.0	0.29	1		07/01/15 07:15	74-83-9	
2-Butanone (MEK)	**<0.96**	ug/L	5.0	0.96	1		07/01/15 07:15	78-93-3	
Carbon disulfide	**<1.2**	ug/L	2.0	1.2	1		07/01/15 07:15	75-15-0	
Carbon tetrachloride	**<0.25**	ug/L	1.0	0.25	1		07/01/15 07:15	56-23-5	
Chlorobenzene	**<0.23**	ug/L	1.0	0.23	1		07/01/15 07:15	108-90-7	
Chloroethane	**<0.54**	ug/L	1.0	0.54	1		07/01/15 07:15	75-00-3	
Chloroform	**<0.14**	ug/L	1.0	0.14	1		07/01/15 07:15	67-66-3	
Chloromethane	**<0.11**	ug/L	1.0	0.11	1		07/01/15 07:15	74-87-3	
Dibromochloromethane	**<0.21**	ug/L	1.0	0.21	1		07/01/15 07:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.27**	ug/L	1.0	0.27	1		07/01/15 07:15	106-93-4	
Dibromomethane	**<0.21**	ug/L	1.0	0.21	1		07/01/15 07:15	74-95-3	
1,2-Dichlorobenzene	**<0.30**	ug/L	1.0	0.30	1		07/01/15 07:15	95-50-1	
1,4-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/01/15 07:15	106-46-7	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1.0	1		07/01/15 07:15	110-57-6	
1,1-Dichloroethane	**<0.32**	ug/L	1.0	0.32	1		07/01/15 07:15	75-34-3	
1,2-Dichloroethane	**<0.12**	ug/L	1.0	0.12	1		07/01/15 07:15	107-06-2	
1,1-Dichloroethene	**<0.56**	ug/L	1.0	0.56	1		07/01/15 07:15	75-35-4	

REPORT OF LABORATORY ANALYSIS

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Asheville, NC 28804
(828)254-7176

ANALYTICAL RESULTS

Project: MW- Landfill 6/29
Pace Project No.: 92256447

Sample: MW-2 **Lab ID: 92256447002** Collected: 06/29/15 11:30 Received: 06/29/15 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
cis-1,2-Dichloroethene	**<0.19**	ug/L	1.0	0.19	1		07/01/15 07:15	156-59-2	
trans-1,2-Dichloroethene	**<0.49**	ug/L	1.0	0.49	1		07/01/15 07:15	156-60-5	
1,2-Dichloropropane	**<0.27**	ug/L	1.0	0.27	1		07/01/15 07:15	78-87-5	
cis-1,3-Dichloropropene	**<0.13**	ug/L	1.0	0.13	1		07/01/15 07:15	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		07/01/15 07:15	10061-02-6	
Ethylbenzene	**<0.30**	ug/L	1.0	0.30	1		07/01/15 07:15	100-41-4	
2-Hexanone	**<0.46**	ug/L	5.0	0.46	1		07/01/15 07:15	591-78-6	
Iodomethane	**<0.32**	ug/L	5.0	0.32	1		07/01/15 07:15	74-88-4	
Methylene Chloride	**<0.97**	ug/L	2.0	0.97	1		07/01/15 07:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.33**	ug/L	5.0	0.33	1		07/01/15 07:15	108-10-1	
Styrene	**<0.26**	ug/L	1.0	0.26	1		07/01/15 07:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.33**	ug/L	1.0	0.33	1		07/01/15 07:15	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.40**	ug/L	1.0	0.40	1		07/01/15 07:15	79-34-5	
Tetrachloroethene	**<0.46**	ug/L	1.0	0.46	1		07/01/15 07:15	127-18-4	
Toluene	**<0.26**	ug/L	1.0	0.26	1		07/01/15 07:15	108-88-3	
1,1,1-Trichloroethane	**<0.48**	ug/L	1.0	0.48	1		07/01/15 07:15	71-55-6	
1,1,2-Trichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/01/15 07:15	79-00-5	
Trichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/01/15 07:15	79-01-6	
Trichlorofluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/01/15 07:15	75-69-4	
1,2,3-Trichloropropane	**<0.41**	ug/L	1.0	0.41	1		07/01/15 07:15	96-18-4	
Vinyl acetate	**<0.35**	ug/L	2.0	0.35	1		07/01/15 07:15	108-05-4	
Vinyl chloride	**<0.62**	ug/L	1.0	0.62	1		07/01/15 07:15	75-01-4	
Xylene (Total)	**<0.66**	ug/L	2.0	0.66	1		07/01/15 07:15	1330-20-7	
m&p-Xylene	**<0.66**	ug/L	2.0	0.66	1		07/01/15 07:15	179601-23-1	
o-Xylene	**<0.23**	ug/L	1.0	0.23	1		07/01/15 07:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-130		1		07/01/15 07:15	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		07/01/15 07:15	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		07/01/15 07:15	2037-26-5	

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(828)254-7176

ANALYTICAL RESULTS

Project: MW- Landfill 6/29
Pace Project No.: 92256447

Sample: SW-1 **Lab ID: 92256447003** Collected: 06/29/15 11:20 Received: 06/29/15 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:								
Collected By	**Mark Swann**				1		07/02/15 16:54		
Collected Date	**6/29/15**				1		07/02/15 16:54		
Collected Time	**11:20**				1		07/02/15 16:54		
Field pH	**7.2**	Std. Units	0.10	0.10	1		07/02/15 16:54		
Field Temperature	**17.3**	deg C	0.50	0.50	1		07/02/15 16:54		
Field Specific Conductance	**1747**	umhos/cm	1.0	1.0	1		07/02/15 16:54		
Turbidity	**9.53**	NTU	1.0	1.0	1		07/02/15 16:54		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**<2.5**	ug/L	10.0	2.5	1	07/07/15 16:40	07/08/15 18:31	7440-38-2	
Barium	**455**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:31	7440-39-3	
Cadmium	**<0.50**	ug/L	1.0	0.50	1	07/07/15 16:40	07/08/15 18:31	7440-43-9	
Chromium	**<2.5**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:31	7440-47-3	
Lead	**<2.5**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:31	7439-92-1	
Selenium	**<5.0**	ug/L	10.0	5.0	1	07/07/15 16:40	07/08/15 18:31	7782-49-2	
Silver	**<2.5**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:31	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.10**	ug/L	0.20	0.10	1	07/12/15 14:00	07/13/15 10:54	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**<10.0**	ug/L	25.0	10.0	1		07/01/15 07:32	67-64-1	
Acrylonitrile	**<1.9**	ug/L	10.0	1.9	1		07/01/15 07:32	107-13-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		07/01/15 07:32	71-43-2	
Bromochloromethane	**<0.17**	ug/L	1.0	0.17	1		07/01/15 07:32	74-97-5	
Bromodichloromethane	**<0.18**	ug/L	1.0	0.18	1		07/01/15 07:32	75-27-4	
Bromoform	**<0.26**	ug/L	1.0	0.26	1		07/01/15 07:32	75-25-2	
Bromomethane	**<0.29**	ug/L	2.0	0.29	1		07/01/15 07:32	74-83-9	
2-Butanone (MEK)	**<0.96**	ug/L	5.0	0.96	1		07/01/15 07:32	78-93-3	
Carbon disulfide	**<1.2**	ug/L	2.0	1.2	1		07/01/15 07:32	75-15-0	
Carbon tetrachloride	**<0.25**	ug/L	1.0	0.25	1		07/01/15 07:32	56-23-5	
Chlorobenzene	**0.27J**	ug/L	1.0	0.23	1		07/01/15 07:32	108-90-7	
Chloroethane	**<0.54**	ug/L	1.0	0.54	1		07/01/15 07:32	75-00-3	
Chloroform	**<0.14**	ug/L	1.0	0.14	1		07/01/15 07:32	67-66-3	
Chloromethane	**<0.11**	ug/L	1.0	0.11	1		07/01/15 07:32	74-87-3	
Dibromochloromethane	**<0.21**	ug/L	1.0	0.21	1		07/01/15 07:32	124-48-1	
1,2-Dibromoethane (EDB)	**<0.27**	ug/L	1.0	0.27	1		07/01/15 07:32	106-93-4	
Dibromomethane	**<0.21**	ug/L	1.0	0.21	1		07/01/15 07:32	74-95-3	
1,2-Dichlorobenzene	**<0.30**	ug/L	1.0	0.30	1		07/01/15 07:32	95-50-1	
1,4-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/01/15 07:32	106-46-7	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1.0	1		07/01/15 07:32	110-57-6	
1,1-Dichloroethane	**<0.32**	ug/L	1.0	0.32	1		07/01/15 07:32	75-34-3	
1,2-Dichloroethane	**<0.12**	ug/L	1.0	0.12	1		07/01/15 07:32	107-06-2	
1,1-Dichloroethene	**<0.56**	ug/L	1.0	0.56	1		07/01/15 07:32	75-35-4	
cis-1,2-Dichloroethene	**<0.19**	ug/L	1.0	0.19	1		07/01/15 07:32	156-59-2	

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ANALYTICAL RESULTS

Project: MW- Landfill 6/29
Pace Project No.: 92256447

Sample: SW-1 **Lab ID: 92256447003** Collected: 06/29/15 11:20 Received: 06/29/15 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	**<0.49**	ug/L	1.0	0.49	1		07/01/15 07:32	156-60-5	
1,2-Dichloropropane	**<0.27**	ug/L	1.0	0.27	1		07/01/15 07:32	78-87-5	
cis-1,3-Dichloropropene	**<0.13**	ug/L	1.0	0.13	1		07/01/15 07:32	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		07/01/15 07:32	10061-02-6	
Ethylbenzene	**<0.30**	ug/L	1.0	0.30	1		07/01/15 07:32	100-41-4	
2-Hexanone	**<0.46**	ug/L	5.0	0.46	1		07/01/15 07:32	591-78-6	
Iodomethane	**<0.32**	ug/L	5.0	0.32	1		07/01/15 07:32	74-88-4	
Methylene Chloride	**<0.97**	ug/L	2.0	0.97	1		07/01/15 07:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.33**	ug/L	5.0	0.33	1		07/01/15 07:32	108-10-1	
Styrene	**<0.26**	ug/L	1.0	0.26	1		07/01/15 07:32	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.33**	ug/L	1.0	0.33	1		07/01/15 07:32	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.40**	ug/L	1.0	0.40	1		07/01/15 07:32	79-34-5	
Tetrachloroethene	**<0.46**	ug/L	1.0	0.46	1		07/01/15 07:32	127-18-4	
Toluene	**<0.26**	ug/L	1.0	0.26	1		07/01/15 07:32	108-88-3	
1,1,1-Trichloroethane	**<0.48**	ug/L	1.0	0.48	1		07/01/15 07:32	71-55-6	
1,1,2-Trichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/01/15 07:32	79-00-5	
Trichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/01/15 07:32	79-01-6	
Trichlorofluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/01/15 07:32	75-69-4	
1,2,3-Trichloropropane	**<0.41**	ug/L	1.0	0.41	1		07/01/15 07:32	96-18-4	
Vinyl acetate	**<0.35**	ug/L	2.0	0.35	1		07/01/15 07:32	108-05-4	
Vinyl chloride	**<0.62**	ug/L	1.0	0.62	1		07/01/15 07:32	75-01-4	
Xylene (Total)	**<0.66**	ug/L	2.0	0.66	1		07/01/15 07:32	1330-20-7	
m&p-Xylene	**<0.66**	ug/L	2.0	0.66	1		07/01/15 07:32	179601-23-1	
o-Xylene	**<0.23**	ug/L	1.0	0.23	1		07/01/15 07:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-130		1		07/01/15 07:32	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		07/01/15 07:32	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		07/01/15 07:32	2037-26-5	

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ANALYTICAL RESULTS

Project: MW- Landfill 6/29
Pace Project No.: 92256447

Sample: TVL BLK **Lab ID: 92256447005** Collected: 06/29/15 08:00 Received: 06/29/15 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**<10.0**	ug/L	25.0	10.0	1		07/01/15 07:49	67-64-1	
Acrylonitrile	**<1.9**	ug/L	10.0	1.9	1		07/01/15 07:49	107-13-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		07/01/15 07:49	71-43-2	
Bromochloromethane	**<0.17**	ug/L	1.0	0.17	1		07/01/15 07:49	74-97-5	
Bromodichloromethane	**<0.18**	ug/L	1.0	0.18	1		07/01/15 07:49	75-27-4	
Bromoform	**<0.26**	ug/L	1.0	0.26	1		07/01/15 07:49	75-25-2	
Bromomethane	**<0.29**	ug/L	2.0	0.29	1		07/01/15 07:49	74-83-9	
2-Butanone (MEK)	**<0.96**	ug/L	5.0	0.96	1		07/01/15 07:49	78-93-3	
Carbon disulfide	**<1.2**	ug/L	2.0	1.2	1		07/01/15 07:49	75-15-0	
Carbon tetrachloride	**<0.25**	ug/L	1.0	0.25	1		07/01/15 07:49	56-23-5	
Chlorobenzene	**<0.23**	ug/L	1.0	0.23	1		07/01/15 07:49	108-90-7	
Chloroethane	**<0.54**	ug/L	1.0	0.54	1		07/01/15 07:49	75-00-3	
Chloroform	**<0.14**	ug/L	1.0	0.14	1		07/01/15 07:49	67-66-3	
Chloromethane	**<0.11**	ug/L	1.0	0.11	1		07/01/15 07:49	74-87-3	
Dibromochloromethane	**<0.21**	ug/L	1.0	0.21	1		07/01/15 07:49	124-48-1	
1,2-Dibromoethane (EDB)	**<0.27**	ug/L	1.0	0.27	1		07/01/15 07:49	106-93-4	
Dibromomethane	**<0.21**	ug/L	1.0	0.21	1		07/01/15 07:49	74-95-3	
1,2-Dichlorobenzene	**<0.30**	ug/L	1.0	0.30	1		07/01/15 07:49	95-50-1	
1,4-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/01/15 07:49	106-46-7	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1.0	1		07/01/15 07:49	110-57-6	
1,1-Dichloroethane	**<0.32**	ug/L	1.0	0.32	1		07/01/15 07:49	75-34-3	
1,2-Dichloroethane	**<0.12**	ug/L	1.0	0.12	1		07/01/15 07:49	107-06-2	
1,1-Dichloroethene	**<0.56**	ug/L	1.0	0.56	1		07/01/15 07:49	75-35-4	
cis-1,2-Dichloroethene	**<0.19**	ug/L	1.0	0.19	1		07/01/15 07:49	156-59-2	
trans-1,2-Dichloroethene	**<0.49**	ug/L	1.0	0.49	1		07/01/15 07:49	156-60-5	
1,2-Dichloropropane	**<0.27**	ug/L	1.0	0.27	1		07/01/15 07:49	78-87-5	
cis-1,3-Dichloropropene	**<0.13**	ug/L	1.0	0.13	1		07/01/15 07:49	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		07/01/15 07:49	10061-02-6	
Ethylbenzene	**<0.30**	ug/L	1.0	0.30	1		07/01/15 07:49	100-41-4	
2-Hexanone	**<0.46**	ug/L	5.0	0.46	1		07/01/15 07:49	591-78-6	
Iodomethane	**<0.32**	ug/L	5.0	0.32	1		07/01/15 07:49	74-88-4	
Methylene Chloride	**<0.97**	ug/L	2.0	0.97	1		07/01/15 07:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.33**	ug/L	5.0	0.33	1		07/01/15 07:49	108-10-1	
Styrene	**<0.26**	ug/L	1.0	0.26	1		07/01/15 07:49	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.33**	ug/L	1.0	0.33	1		07/01/15 07:49	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.40**	ug/L	1.0	0.40	1		07/01/15 07:49	79-34-5	
Tetrachloroethene	**<0.46**	ug/L	1.0	0.46	1		07/01/15 07:49	127-18-4	
Toluene	**<0.26**	ug/L	1.0	0.26	1		07/01/15 07:49	108-88-3	
1,1,1-Trichloroethane	**<0.48**	ug/L	1.0	0.48	1		07/01/15 07:49	71-55-6	
1,1,2-Trichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/01/15 07:49	79-00-5	
Trichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/01/15 07:49	79-01-6	
Trichlorofluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/01/15 07:49	75-69-4	
1,2,3-Trichloropropane	**<0.41**	ug/L	1.0	0.41	1		07/01/15 07:49	96-18-4	
Vinyl acetate	**<0.35**	ug/L	2.0	0.35	1		07/01/15 07:49	108-05-4	
Vinyl chloride	**<0.62**	ug/L	1.0	0.62	1		07/01/15 07:49	75-01-4	
Xylene (Total)	**<0.66**	ug/L	2.0	0.66	1		07/01/15 07:49	1330-20-7	

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ANALYTICAL RESULTS

Project: MW- Landfill 6/29
Pace Project No.: 92256447

Sample: TVL BLK **Lab ID: 92256447005** Collected: 06/29/15 08:00 Received: 06/29/15 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
m&p-Xylene	**<0.66**	ug/L	2.0	0.66	1		07/01/15 07:49	179601-23-1	
o-Xylene	**<0.23**	ug/L	1.0	0.23	1		07/01/15 07:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-130		1		07/01/15 07:49	460-00-4	
1,2-Dichloroethane-d4 (S)	**101**	%	70-130		1		07/01/15 07:49	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		07/01/15 07:49	2037-26-5	

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ANALYTICAL RESULTS

Project: MW- Landfill 6/29
Pace Project No.: 92256447

Sample: EQUIP BLK **Lab ID: 92256447006** Collected: 06/29/15 11:00 Received: 06/29/15 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**<2.5**	ug/L	10.0	2.5	1	07/07/15 16:40	07/08/15 18:34	7440-38-2	
Barium	**<2.5**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:34	7440-39-3	
Cadmium	**<0.50**	ug/L	1.0	0.50	1	07/07/15 16:40	07/08/15 18:34	7440-43-9	
Chromium	**<2.5**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:34	7440-47-3	
Lead	**<2.5**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:34	7439-92-1	
Selenium	**<5.0**	ug/L	10.0	5.0	1	07/07/15 16:40	07/08/15 18:34	7782-49-2	
Silver	**<2.5**	ug/L	5.0	2.5	1	07/07/15 16:40	07/08/15 18:34	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**<0.10**	ug/L	0.20	0.10	1	07/12/15 14:00	07/13/15 10:57	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**<10.0**	ug/L	25.0	10.0	1		07/01/15 08:06	67-64-1	
Acrylonitrile	**<1.9**	ug/L	10.0	1.9	1		07/01/15 08:06	107-13-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		07/01/15 08:06	71-43-2	
Bromochloromethane	**<0.17**	ug/L	1.0	0.17	1		07/01/15 08:06	74-97-5	
Bromodichloromethane	**<0.18**	ug/L	1.0	0.18	1		07/01/15 08:06	75-27-4	
Bromoform	**<0.26**	ug/L	1.0	0.26	1		07/01/15 08:06	75-25-2	
Bromomethane	**<0.29**	ug/L	2.0	0.29	1		07/01/15 08:06	74-83-9	
2-Butanone (MEK)	**<0.96**	ug/L	5.0	0.96	1		07/01/15 08:06	78-93-3	
Carbon disulfide	**<1.2**	ug/L	2.0	1.2	1		07/01/15 08:06	75-15-0	
Carbon tetrachloride	**<0.25**	ug/L	1.0	0.25	1		07/01/15 08:06	56-23-5	
Chlorobenzene	**<0.23**	ug/L	1.0	0.23	1		07/01/15 08:06	108-90-7	
Chloroethane	**<0.54**	ug/L	1.0	0.54	1		07/01/15 08:06	75-00-3	
Chloroform	**<0.14**	ug/L	1.0	0.14	1		07/01/15 08:06	67-66-3	
Chloromethane	**<0.11**	ug/L	1.0	0.11	1		07/01/15 08:06	74-87-3	
Dibromochloromethane	**<0.21**	ug/L	1.0	0.21	1		07/01/15 08:06	124-48-1	
1,2-Dibromoethane (EDB)	**<0.27**	ug/L	1.0	0.27	1		07/01/15 08:06	106-93-4	
Dibromomethane	**<0.21**	ug/L	1.0	0.21	1		07/01/15 08:06	74-95-3	
1,2-Dichlorobenzene	**<0.30**	ug/L	1.0	0.30	1		07/01/15 08:06	95-50-1	
1,4-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/01/15 08:06	106-46-7	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1.0	1		07/01/15 08:06	110-57-6	
1,1-Dichloroethane	**<0.32**	ug/L	1.0	0.32	1		07/01/15 08:06	75-34-3	
1,2-Dichloroethane	**<0.12**	ug/L	1.0	0.12	1		07/01/15 08:06	107-06-2	
1,1-Dichloroethene	**<0.56**	ug/L	1.0	0.56	1		07/01/15 08:06	75-35-4	
cis-1,2-Dichloroethene	**<0.19**	ug/L	1.0	0.19	1		07/01/15 08:06	156-59-2	
trans-1,2-Dichloroethene	**<0.49**	ug/L	1.0	0.49	1		07/01/15 08:06	156-60-5	
1,2-Dichloropropane	**<0.27**	ug/L	1.0	0.27	1		07/01/15 08:06	78-87-5	
cis-1,3-Dichloropropene	**<0.13**	ug/L	1.0	0.13	1		07/01/15 08:06	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		07/01/15 08:06	10061-02-6	
Ethylbenzene	**<0.30**	ug/L	1.0	0.30	1		07/01/15 08:06	100-41-4	
2-Hexanone	**<0.46**	ug/L	5.0	0.46	1		07/01/15 08:06	591-78-6	
Iodomethane	**<0.32**	ug/L	5.0	0.32	1		07/01/15 08:06	74-88-4	
Methylene Chloride	**<0.97**	ug/L	2.0	0.97	1		07/01/15 08:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.33**	ug/L	5.0	0.33	1		07/01/15 08:06	108-10-1	
Styrene	**<0.26**	ug/L	1.0	0.26	1		07/01/15 08:06	100-42-5	

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ANALYTICAL RESULTS

Project: MW- Landfill 6/29
Pace Project No.: 92256447

Sample: EQUIP BLK **Lab ID: 92256447006** Collected: 06/29/15 11:00 Received: 06/29/15 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<0.33**	ug/L	1.0	0.33	1		07/01/15 08:06	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.40**	ug/L	1.0	0.40	1		07/01/15 08:06	79-34-5	
Tetrachloroethene	**<0.46**	ug/L	1.0	0.46	1		07/01/15 08:06	127-18-4	
Toluene	**<0.26**	ug/L	1.0	0.26	1		07/01/15 08:06	108-88-3	
1,1,1-Trichloroethane	**<0.48**	ug/L	1.0	0.48	1		07/01/15 08:06	71-55-6	
1,1,2-Trichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/01/15 08:06	79-00-5	
Trichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/01/15 08:06	79-01-6	
Trichlorofluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/01/15 08:06	75-69-4	
1,2,3-Trichloropropane	**<0.41**	ug/L	1.0	0.41	1		07/01/15 08:06	96-18-4	
Vinyl acetate	**<0.35**	ug/L	2.0	0.35	1		07/01/15 08:06	108-05-4	
Vinyl chloride	**<0.62**	ug/L	1.0	0.62	1		07/01/15 08:06	75-01-4	
Xylene (Total)	**<0.66**	ug/L	2.0	0.66	1		07/01/15 08:06	1330-20-7	
m&p-Xylene	**<0.66**	ug/L	2.0	0.66	1		07/01/15 08:06	179601-23-1	
o-Xylene	**<0.23**	ug/L	1.0	0.23	1		07/01/15 08:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	111	%	70-130		1		07/01/15 08:06	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		07/01/15 08:06	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		07/01/15 08:06	2037-26-5	

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QUALITY CONTROL DATA

Project: MW- Landfill 6/29
Pace Project No.: 92256447

QC Batch: MERP/8051 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92256447001, 92256447002, 92256447003, 92256447006

METHOD BLANK: 1507350 Matrix: Water
Associated Lab Samples: 92256447001, 92256447002, 92256447003, 92256447006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.10	0.20	07/13/15 10:40	

LABORATORY CONTROL SAMPLE: 1507351

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.6	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1507352 1507353

Parameter	Units	92256447001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.10	2.5	2.5	2.5	2.5	100	102	75-125	1	25	

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QUALITY CONTROL DATA

Project: MW- Landfill 6/29
Pace Project No.: 92256447

QC Batch: MPRP/18934 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92256447001, 92256447002, 92256447003, 92256447006

METHOD BLANK: 1503100 Matrix: Water
Associated Lab Samples: 92256447001, 92256447002, 92256447003, 92256447006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	<2.5	10.0	07/08/15 17:32	
Barium	ug/L	<2.5	5.0	07/08/15 17:32	
Cadmium	ug/L	<0.50	1.0	07/08/15 17:32	
Chromium	ug/L	<2.5	5.0	07/08/15 17:32	
Lead	ug/L	<2.5	5.0	07/08/15 17:32	
Selenium	ug/L	<5.0	10.0	07/08/15 17:32	
Silver	ug/L	<2.5	5.0	07/08/15 17:32	

LABORATORY CONTROL SAMPLE: 1503101

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	436	87	80-120	
Barium	ug/L	500	449	90	80-120	
Cadmium	ug/L	500	446	89	80-120	
Chromium	ug/L	500	448	90	80-120	
Lead	ug/L	500	445	89	80-120	
Selenium	ug/L	500	428	86	80-120	
Silver	ug/L	250	224	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1503102 1503103

Parameter	Units	92256321013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	ND	500	500	440	444	88	89	75-125	1	25	
Barium	ug/L	44.4J	500	500	489	493	89	90	75-125	1	25	
Cadmium	ug/L	ND	500	500	445	449	89	90	75-125	1	25	
Chromium	ug/L	ND	500	500	448	454	89	90	75-125	1	25	
Lead	ug/L	ND	500	500	441	444	88	89	75-125	1	25	
Selenium	ug/L	ND	500	500	428	431	85	85	75-125	1	25	
Silver	ug/L	ND	250	250	226	228	90	91	75-125	1	25	

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QUALITY CONTROL DATA

Project: MW- Landfill 6/29
Pace Project No.: 92256447

QC Batch: MSV/32385 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92256447001, 92256447002, 92256447003, 92256447005, 92256447006

METHOD BLANK: 1498602 Matrix: Water
Associated Lab Samples: 92256447001, 92256447002, 92256447003, 92256447005, 92256447006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.33	1.0	06/30/15 23:05	
1,1,1-Trichloroethane	ug/L	<0.48	1.0	06/30/15 23:05	
1,1,2,2-Tetrachloroethane	ug/L	<0.40	1.0	06/30/15 23:05	
1,1,2-Trichloroethane	ug/L	<0.29	1.0	06/30/15 23:05	
1,1-Dichloroethane	ug/L	<0.32	1.0	06/30/15 23:05	
1,1-Dichloroethene	ug/L	<0.56	1.0	06/30/15 23:05	
1,2,3-Trichloropropane	ug/L	<0.41	1.0	06/30/15 23:05	
1,2-Dibromoethane (EDB)	ug/L	<0.27	1.0	06/30/15 23:05	
1,2-Dichlorobenzene	ug/L	<0.30	1.0	06/30/15 23:05	
1,2-Dichloroethane	ug/L	<0.12	1.0	06/30/15 23:05	
1,2-Dichloropropane	ug/L	<0.27	1.0	06/30/15 23:05	
1,4-Dichlorobenzene	ug/L	<0.33	1.0	06/30/15 23:05	
2-Butanone (MEK)	ug/L	<0.96	5.0	06/30/15 23:05	
2-Hexanone	ug/L	<0.46	5.0	06/30/15 23:05	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.33	5.0	06/30/15 23:05	
Acetone	ug/L	<10.0	25.0	06/30/15 23:05	
Acrylonitrile	ug/L	<1.9	10.0	06/30/15 23:05	
Benzene	ug/L	<0.25	1.0	06/30/15 23:05	
Bromochloromethane	ug/L	<0.17	1.0	06/30/15 23:05	
Bromodichloromethane	ug/L	<0.18	1.0	06/30/15 23:05	
Bromoform	ug/L	<0.26	1.0	06/30/15 23:05	
Bromomethane	ug/L	<0.29	2.0	06/30/15 23:05	
Carbon disulfide	ug/L	<1.2	2.0	06/30/15 23:05	
Carbon tetrachloride	ug/L	<0.25	1.0	06/30/15 23:05	
Chlorobenzene	ug/L	<0.23	1.0	06/30/15 23:05	
Chloroethane	ug/L	<0.54	1.0	06/30/15 23:05	
Chloroform	ug/L	<0.14	1.0	06/30/15 23:05	
Chloromethane	ug/L	<0.11	1.0	06/30/15 23:05	
cis-1,2-Dichloroethene	ug/L	<0.19	1.0	06/30/15 23:05	
cis-1,3-Dichloropropene	ug/L	<0.13	1.0	06/30/15 23:05	
Dibromochloromethane	ug/L	<0.21	1.0	06/30/15 23:05	
Dibromomethane	ug/L	<0.21	1.0	06/30/15 23:05	
Ethylbenzene	ug/L	<0.30	1.0	06/30/15 23:05	
Iodomethane	ug/L	<0.32	5.0	06/30/15 23:05	
m&p-Xylene	ug/L	<0.66	2.0	06/30/15 23:05	
Methylene Chloride	ug/L	<0.97	2.0	06/30/15 23:05	
o-Xylene	ug/L	<0.23	1.0	06/30/15 23:05	
Styrene	ug/L	<0.26	1.0	06/30/15 23:05	
Tetrachloroethene	ug/L	<0.46	1.0	06/30/15 23:05	
Toluene	ug/L	<0.26	1.0	06/30/15 23:05	
trans-1,2-Dichloroethene	ug/L	<0.49	1.0	06/30/15 23:05	

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QUALITY CONTROL DATA

Project: MW- Landfill 6/29
Pace Project No.: 92256447

METHOD BLANK: 1498602 Matrix: Water
Associated Lab Samples: 92256447001, 92256447002, 92256447003, 92256447005, 92256447006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	<0.26	1.0	06/30/15 23:05	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	06/30/15 23:05	
Trichloroethene	ug/L	<0.47	1.0	06/30/15 23:05	
Trichlorofluoromethane	ug/L	<0.20	1.0	06/30/15 23:05	
Vinyl acetate	ug/L	<0.35	2.0	06/30/15 23:05	
Vinyl chloride	ug/L	<0.62	1.0	06/30/15 23:05	
Xylene (Total)	ug/L	<0.66	2.0	06/30/15 23:05	
1,2-Dichloroethane-d4 (S)	%	93	70-130	06/30/15 23:05	
4-Bromofluorobenzene (S)	%	111	70-130	06/30/15 23:05	
Toluene-d8 (S)	%	101	70-130	06/30/15 23:05	

LABORATORY CONTROL SAMPLE: 1498603

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.3	105	70-130	
1,1,1-Trichloroethane	ug/L	50	48.9	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.8	108	70-130	
1,1,2-Trichloroethane	ug/L	50	50.3	101	70-130	
1,1-Dichloroethane	ug/L	50	49.5	99	70-130	
1,1-Dichloroethene	ug/L	50	52.2	104	70-132	
1,2,3-Trichloropropane	ug/L	50	49.6	99	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	53.9	108	70-130	
1,2-Dichlorobenzene	ug/L	50	53.6	107	70-130	
1,2-Dichloroethane	ug/L	50	47.3	95	70-130	
1,2-Dichloropropane	ug/L	50	52.3	105	70-130	
1,4-Dichlorobenzene	ug/L	50	51.9	104	70-130	
2-Butanone (MEK)	ug/L	100	98.6	99	70-145	
2-Hexanone	ug/L	100	100	100	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	99.8	100	70-140	
Acetone	ug/L	100	102	102	50-175	
Acrylonitrile	ug/L	250	269	108	70-143	
Benzene	ug/L	50	54.0	108	70-130	
Bromochloromethane	ug/L	50	57.5	115	70-130	
Bromodichloromethane	ug/L	50	49.5	99	70-130	
Bromoform	ug/L	50	39.8	80	70-130	
Bromomethane	ug/L	50	42.8	86	54-130	
Carbon disulfide	ug/L	50	56.3	113	70-131	
Carbon tetrachloride	ug/L	50	49.7	99	70-132	
Chlorobenzene	ug/L	50	52.1	104	70-130	
Chloroethane	ug/L	50	39.1	78	64-134	
Chloroform	ug/L	50	51.6	103	70-130	
Chloromethane	ug/L	50	44.8	90	64-130	
cis-1,2-Dichloroethene	ug/L	50	50.7	101	70-131	
cis-1,3-Dichloropropene	ug/L	50	52.8	106	70-130	

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QUALITY CONTROL DATA

Project: MW- Landfill 6/29
Pace Project No.: 92256447

LABORATORY CONTROL SAMPLE: 1498603

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	50	50.2	100	70-130	
Dibromomethane	ug/L	50	52.3	105	70-131	
Ethylbenzene	ug/L	50	50.8	102	70-130	
Iodomethane	ug/L	100	95.0	95	49-180	
m&p-Xylene	ug/L	100	104	104	70-130	
Methylene Chloride	ug/L	50	55.0	110	63-130	
o-Xylene	ug/L	50	53.7	107	70-130	
Styrene	ug/L	50	54.6	109	70-130	
Tetrachloroethene	ug/L	50	50.2	100	70-130	
Toluene	ug/L	50	51.3	103	70-130	
trans-1,2-Dichloroethene	ug/L	50	53.6	107	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.5	101	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	49.5	99	70-141	
Trichloroethene	ug/L	50	50.0	100	70-130	
Trichlorofluoromethane	ug/L	50	45.7	91	62-133	
Vinyl acetate	ug/L	100	99.3	99	66-157	
Vinyl chloride	ug/L	50	52.3	105	50-150	
Xylene (Total)	ug/L	150	158	105	70-130	
1,2-Dichloroethane-d4 (S)	%			89	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 1499119

Parameter	Units	92256447001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.33	20	20.2	101	70-130	
1,1,1-Trichloroethane	ug/L	<0.48	20	20.9	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	<0.40	20	22.1	**110**	**70-130**	
1,1,2-Trichloroethane	ug/L	<0.29	20	20.0	100	70-130	
1,1-Dichloroethane	ug/L	<0.32	20	21.0	105	70-130	
1,1-Dichloroethene	ug/L	<0.56	20	23.8	119	70-166	
1,2,3-Trichloropropane	ug/L	<0.41	20	20.4	102	70-130	
1,2-Dibromoethane (EDB)	ug/L	<0.27	20	21.0	105	70-130	
1,2-Dichlorobenzene	ug/L	<0.30	20	20.4	102	70-130	
1,2-Dichloroethane	ug/L	<0.12	20	19.0	95	70-130	
1,2-Dichloropropane	ug/L	<0.27	20	21.2	106	70-130	
1,4-Dichlorobenzene	ug/L	<0.33	20	20.5	102	70-130	
2-Butanone (MEK)	ug/L	<0.96	40	41.2	103	70-130	
2-Hexanone	ug/L	<0.46	40	41.2	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.33	40	39.3	98	70-130	
Acetone	ug/L	11.2J	40	49.2	95	70-130	
Acrylonitrile	ug/L	<1.9	100	108	108	70-130	
Benzene	ug/L	<0.25	20	22.6	112	70-148	
Bromochloromethane	ug/L	<0.17	20	24.3	122	70-130	
Bromodichloromethane	ug/L	<0.18	20	19.2	96	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: MW- Landfill 6/29
Pace Project No.: 92256447

MATRIX SPIKE SAMPLE: 1499119

Parameter	Units	92256447001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	<0.26	20	15.8	79	70-130	
Bromomethane	ug/L	<0.29	20	24.5	123	70-130	
Carbon disulfide	ug/L	<1.2	20	25.4	125	70-130	
Carbon tetrachloride	ug/L	<0.25	20	21.0	105	70-130	
Chlorobenzene	ug/L	<0.23	20	21.6	107	70-146	
Chloroethane	ug/L	<0.54	20	21.0	105	70-130	
Chloroform	ug/L	0.18J	20	22.1	110	70-130	
Chloromethane	ug/L	<0.11	20	21.1	105	70-130	
cis-1,2-Dichloroethene	ug/L	0.25J	20	22.3	110	70-130	
cis-1,3-Dichloropropene	ug/L	<0.13	20	21.0	105	70-130	
Dibromochloromethane	ug/L	<0.21	20	17.8	89	70-130	
Dibromomethane	ug/L	<0.21	20	20.4	102	70-130	
Ethylbenzene	ug/L	<0.30	20	21.9	109	70-130	
Iodomethane	ug/L	<0.32	40	36.4	91	70-130	
m&p-Xylene	ug/L	0.81J	40	44.4	109	70-130	
Methylene Chloride	ug/L	<0.97	20	22.6	113	70-130	
o-Xylene	ug/L	0.88J	20	22.5	108	70-130	
Styrene	ug/L	<0.26	20	21.7	108	70-130	
Tetrachloroethene	ug/L	<0.46	20	22.0	110	70-130	
Toluene	ug/L	0.50J	20	22.3	109	70-155	
trans-1,2-Dichloroethene	ug/L	<0.49	20	23.2	116	70-130	
trans-1,3-Dichloropropene	ug/L	<0.26	20	19.7	98	70-130	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	20	19.2	96	70-130	
Trichloroethene	ug/L	<0.47	20	21.3	107	69-151	
Trichlorofluoromethane	ug/L	<0.20	20	21.4	107	70-130	
Vinyl acetate	ug/L	<0.35	40	39.8	99	70-130	
Vinyl chloride	ug/L	<0.62	20	22.8	114	70-130	
1,2-Dichloroethane-d4 (S)	%				89	70-130	
4-Bromofluorobenzene (S)	%				113	70-130	
Toluene-d8 (S)	%				101	70-130	

SAMPLE DUPLICATE: 1499120

Parameter	Units	92256447002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.33	<0.33		30	
1,1,1-Trichloroethane	ug/L	<0.48	<0.48		30	
1,1,2,2-Tetrachloroethane	ug/L	<0.40	<0.40		30	
1,1,2-Trichloroethane	ug/L	<0.29	<0.29		30	
1,1-Dichloroethane	ug/L	<0.32	<0.32		30	
1,1-Dichloroethene	ug/L	<0.56	<0.56		30	
1,2,3-Trichloropropane	ug/L	<0.41	<0.41		30	
1,2-Dibromoethane (EDB)	ug/L	<0.27	<0.27		30	
1,2-Dichlorobenzene	ug/L	<0.30	<0.30		30	
1,2-Dichloroethane	ug/L	<0.12	<0.12		30	
1,2-Dichloropropane	ug/L	<0.27	<0.27		30	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

QUALITY CONTROL DATA

Project: MW- Landfill 6/29
Pace Project No.: 92256447

SAMPLE DUPLICATE: 1499120

Parameter	Units	92256447002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,4-Dichlorobenzene	ug/L	<0.33	<0.33		30	
2-Butanone (MEK)	ug/L	<0.96	<0.96		30	
2-Hexanone	ug/L	<0.46	<0.46		30	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.33	<0.33		30	
Acetone	ug/L	<10.0	<10.0		30	
Acrylonitrile	ug/L	<1.9	<1.9		30	
Benzene	ug/L	<0.25	<0.25		30	
Bromochloromethane	ug/L	<0.17	<0.17		30	
Bromodichloromethane	ug/L	<0.18	<0.18		30	
Bromoform	ug/L	<0.26	<0.26		30	
Bromomethane	ug/L	<0.29	<0.29		30	
Carbon disulfide	ug/L	<1.2	<1.2		30	
Carbon tetrachloride	ug/L	<0.25	<0.25		30	
Chlorobenzene	ug/L	<0.23	<0.23		30	
Chloroethane	ug/L	<0.54	<0.54		30	
Chloroform	ug/L	<0.14	<0.14		30	
Chloromethane	ug/L	<0.11	<0.11		30	
cis-1,2-Dichloroethene	ug/L	<0.19	<0.19		30	
cis-1,3-Dichloropropene	ug/L	<0.13	<0.13		30	
Dibromochloromethane	ug/L	<0.21	<0.21		30	
Dibromomethane	ug/L	<0.21	<0.21		30	
Ethylbenzene	ug/L	<0.30	<0.30		30	
Iodomethane	ug/L	<0.32	<0.32		30	
m&p-Xylene	ug/L	<0.66	<0.66		30	
Methylene Chloride	ug/L	<0.97	<0.97		30	
o-Xylene	ug/L	<0.23	<0.23		30	
Styrene	ug/L	<0.26	<0.26		30	
Tetrachloroethene	ug/L	<0.46	<0.46		30	
Toluene	ug/L	<0.26	<0.26		30	
trans-1,2-Dichloroethene	ug/L	<0.49	<0.49		30	
trans-1,3-Dichloropropene	ug/L	<0.26	<0.26		30	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	<1.0		30	
Trichloroethene	ug/L	<0.47	<0.47		30	
Trichlorofluoromethane	ug/L	<0.20	<0.20		30	
Vinyl acetate	ug/L	<0.35	<0.35		30	
Vinyl chloride	ug/L	<0.62	<0.62		30	
Xylene (Total)	ug/L	<0.66	<0.66		30	
1,2-Dichloroethane-d4 (S)	%	99	95	4		
4-Bromofluorobenzene (S)	%	110	111	1		
Toluene-d8 (S)	%	100	101	1		

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Asheville, NC 28804
(828)254-7176

QUALIFIERS

Project: MW- Landfill 6/29
Pace Project No.: 92256447

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

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.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

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.

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

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

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

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

TNI - The NELAC Institute.

LABORATORIES

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

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MW- Landfill 6/29
Pace Project No.: 92256447

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92256447001	MW-1		FLD/		
92256447002	MW-2		FLD/		
92256447003	SW-1		FLD/		
92256447001	MW-1	EPA 3010	MPRP/18934	EPA 6010	ICP/16996
92256447002	MW-2	EPA 3010	MPRP/18934	EPA 6010	ICP/16996
92256447003	SW-1	EPA 3010	MPRP/18934	EPA 6010	ICP/16996
92256447006	EQUIP BLK	EPA 3010	MPRP/18934	EPA 6010	ICP/16996
92256447001	MW-1	EPA 7470	MERP/8051	EPA 7470	MERC/7730
92256447002	MW-2	EPA 7470	MERP/8051	EPA 7470	MERC/7730
92256447003	SW-1	EPA 7470	MERP/8051	EPA 7470	MERC/7730
92256447006	EQUIP BLK	EPA 7470	MERP/8051	EPA 7470	MERC/7730
92256447001	MW-1	EPA 8260	MSV/32385		
92256447002	MW-2	EPA 8260	MSV/32385		
92256447003	SW-1	EPA 8260	MSV/32385		
92256447005	TVL BLK	EPA 8260	MSV/32385		
92256447006	EQUIP BLK	EPA 8260	MSV/32385		

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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

1897078

Section A Required Client Information:

Company:	TOWN OF CANTON
Address:	
	CANTON NC
Email To:	
Phone: 646-3409	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	Johnny Gibson
Copy To:	
Purchase Order No.:	
Project Name:	MW'S - LANDFILL
Project Number:	

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

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

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	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: pH Tap Strip	TVOC	Sulf. H_2O	VOC	Methyl	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1					6.29.15	1155		4			1	3					Y	Y	Y	Y	Y		92254447
2	MW-2					6.29.15	1130		4			1	3					Y	Y	Y	Y	Y		001
3	SW-1					6.29.15	1120		4			1	3					Y	Y		Y	Y		002
4																								003
5	TVL BLK					6.29.15	800		3			X	2								Y			004
6	EQUIP BLK					6.29.15	1100		3			1	2								Y	Y		005 006
7																								
8																								
9																								
10																								
11																								
12																								

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Site / Sample ID / pH / TMP / Specond / TVOC	Ramsey Hayes	6.29.15	1210	Mark P Swan AVL	6.29.15	1210				
MW-1 / 22.06 / 6.1 / 15.4 / 167 / 6.32	Mark P Swan AVL	6.29.15	1430	Matt Stewart AVL	6/29/15	1400	3.6	Y	N	Y
MW-2 / 6.29 / 7.4 / 14.4 / ~~12.41~~ 2.41 / 8.03										
~~SW-1~~ / X / 7.2 / 17.5 / 1747 / 9.53										

ORIGINAL

MW-2 Second is 311

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWAN

SIGNATURE of SAMPLER: Mark P Swan AVL DATE Signed (MM/DD/YY): 6.29.15

*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.

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: May 15, 2015 Page 1 of 2*
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Town of Canton

* Page 2 of 2 is for Internal Use Only

Courier (Circle): Fed Ex UPS USPS Client Commercial (Pace) Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☑ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other_____

Thermometer Used: (IR Gun#3 -130265963) **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0 C

Corrected Cooler Temp.: 3.6 C **Biological Tissue is Frozen:** Yes No (N/A)

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: 6/29 MS

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.	
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.	
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.	
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.	
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.	
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.	
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.	
Sufficient Volume:	☑Yes ☐No ☐N/A	8.	
Correct Containers Used:	☑Yes ☐No ☐N/A	9.	
-Pace Containers Used:	☑Yes ☐No ☐N/A		
Containers Intact:	☑Yes ☐No ☐N/A	10.	
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.	
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.	
-Includes date/time/ID/Analysis Matrix: WW			
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.	
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A		
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No		
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.	
Headspace in VOA Vials (>6mm):	☑Yes ☐No ☐N/A	15.	
Trip Blank Present:	☐Yes ☑No ☐N/A	16.	
Trip Blank Custody Seals Present	☐Yes ☑No ☐N/A		
Pace Trip Blank Lot # (if purchased):_____			

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted:_____ Date/Time:_____

Comments/ Resolution: N/A

SCURF Review: C Date: 6/29/15

SRF Review: C Date: 6/29/15

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

WO#: 92256447

92256447