ANNUAL MONITORING REPORT (2013)
FORMER REEVES SITE
BROWNFIELDS SITE NO. 08022-04-60
8900 RESEARCH DRIVE
CHARLOTTE, MECKLENBURG CO, NC
S&ME PROJECT 1354-11-006B

Prepared for:

POLYMERS
Center of
Excellence
UNC/NCSU/NCHES/NCMEP Partner

Polymers Center of Excellence
8900 Research Drive
Charlotte, North Carolina 28104-6015

FEB 2013
Brownfields

Prepared by:

S&ME

S&ME, Inc.
9711 Southern Pine Boulevard
Charlotte, North Carolina 28273-5560

January 24, 2013

January 24, 2013

Polymers Center of Excellence
8900 Research Drive
Charlotte, NC 28104-6015

Attention: Mr. Dennis Hayford

Reference: **2013 Annual Monitoring Report**
Reeves Site (Brownfields Site No. 08022-04-60)
8900 Research Drive
Charlotte, Mecklenburg County, North Carolina
S&ME Project No. 1354-11-006B

Dear Mr. Hayford:

S&ME, Inc. (S&ME) submits this monitoring report in accordance with S&ME's Proposal No. 1354-26073-13, dated January 4, 2013. The report provides the methods and results of our surface water and groundwater sampling associated with the referenced Brownfields project.

1. PROPERTY DESCRIPTION

The site is located at 8900 Research Drive in Charlotte, North Carolina and is listed as Tax Parcel No. 04714103 by the Mecklenburg County GIS system. The location of the site is illustrated on **Figure 1** (Site Location Map) and **Figure 2** (Site Aerial Map). We understand that a previous release of tetrachloroethene at the site has impacted the groundwater. In addition, we understand that the site is in the North Carolina Department of Environment and Natural Resources (NCDENR) Brownfields Program (Brownfield Project No. 08022-04-60). S&ME obtained an electronic copy (AutoCAD®) of the *Notice of Brownfields Property*, filed on June 21, 2005, from the surveyor (R.B. Pharr & Associates, P.A.). We understand that this notice remains recorded at the Mecklenburg County Register of Deeds. A copy of the "Unofficial Document" version of the *Exhibit "B" To The Notice of Brownfields Property – Survey Plat* obtained from the Mecklenburg County Register of Deeds website is included in **Appendix I**.

S&ME's services for this project were based on the *Annual Sampling Required by Land Use Restriction* letter, dated April 25, 2006 from Ms. Carolyn Minnich, NCDENR Brownfield Project Manager, requesting the sampling of surface water and groundwater in accordance with the Notice of Brownfields Property. The April 25, 2006 letter indicated that four monitoring wells (MW-5B, MW-5C, MW-6, and MW-7) and the adjacent stream are to be sampled annually and analyzed for volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260 or equivalent. The locations of the monitor wells and stream sample locations are illustrated on **Figure 3**.

2. SCOPE OF SERVICES

2.1 Surface Water and Groundwater Sampling

On January 11, 2013, S&ME collected one upstream surface water sample (SW-U) and one downstream (SW-D) surface water sample at the approximate locations shown on **Figure 3**. The surface water samples were collected by dipping the sample containers directly into the stream pointing upstream with care not to allow sediment to enter the sample containers and not to allow overfilling to prevent the loss of any preservatives, if present. Sample containers with appropriate preservatives were provided by the laboratory.

On January 11, 2013, S&ME also collected groundwater samples from the following monitor wells: MW-5C, MW-6, and MW-7. A groundwater sample could not be obtained for monitor well MW-5B due to a decrease in groundwater levels and insufficient water in the well to allow the collection of a representative groundwater sample; no water could be removed using a bailer. Prior to sampling, the depth to water in each well was measured from the top of the well casing (TOC) and the monitor wells were purged of three to five well volumes (or until dry) using a disposable bailer. The samples were submitted to Pace Analytical Laboratories, Inc. (Pace) in Huntersville, North Carolina, a North Carolina-certified laboratory, for the analysis of VOCs by EPA Method 8260. In addition to the four monitor well samples, one duplicate sample of MW-5C (identified as Duplicate) was additionally analyzed for quality control purposes. Copies of the field sampling forms are included in **Appendix II**.

The purge water was contained in a secured and labeled 55-gallon drum that was stored on-site awaiting removal for off-site disposal. The drum of purge water will be disposed off-site by Haz~Mat Environmental in January 2013. S&ME will provide a copy of the waste manifest to the NCDENR, if requested by the NCDENR.

3. RESULTS

3.1 Groundwater Flow

The depth to water in the surficial aquifer ranged from 10.83 feet below the top of casing in monitor well MW-7, to 31.15 feet below the top of casing in the monitor well MW-5B. Note that the water level in monitor well MW-5B appears to have been at the base of the screen. The groundwater elevation in MW-5B was 0.1 feet higher than in MW-5C during both 2010 and 2011 sampling events, compared to 0.09 feet higher on January 11, 2012. The January 11, 2013 groundwater levels were approximately 2 to 4 feet lower than the January 6, 2012 groundwater levels. Based on the top of casing elevations and the depth to water (**Table 1**), the groundwater flow is generally toward the east-southeast in the general direction of Doby Creek under a hydraulic gradient of approximately 0.037 ft/ft between monitoring wells MW-5B and MW-6, and approximately 0.016 ft/ft between monitoring wells MW-6 and MW-7 (**Figure 3**). The vertical hydraulic gradient at nested monitoring wells MW-5B and MW-5C is approximately 0.004 ft/ft (**Table 1**).

3.2 Surface Water Quality

VOCs were not detected above laboratory reporting limits in the two surface water samples (SW-U and SW-D). The results are summarized in **Table 2**, and a copy of the laboratory report is included in **Appendix III**.

3.3 Groundwater Quality

No VOCs were detected above laboratory reporting limits in the groundwater samples from the deep monitor well MW-5C or from the downgradient monitor well MW-7. Tetrachloroethene was detected in monitoring well MW-6 [19.3 micrograms per liter (µg/L)] compared to the 15A NCAC 2L .0202 groundwater quality standard (2L Standard) of 0.7 µg/L. No other VOCs were detected in monitoring wells MW-6. The results are summarized in **Table 2**, and a copy of the laboratory report and the Chain-of-Custody form are included in **Appendix I**.

Due to an insufficient water volume in monitor well MW-5, no groundwater sample was collected from this monitor well during this sampling event. The January 6, 2012 sampling event indicated 16.1 µg/L of tetrachloroethene in MW-5.

The 2013 concentrations of tetrachloroethene were lower than those detected in 2012 by approximately 9% in MW-6.

Both sample MW-5C and its duplicate resulted in concentrations below the laboratory reporting limits. No VOCs were detected in the trip blank. All of the laboratory internal quality controls were within acceptable limits.

4. CLOSURE

S&ME appreciates the opportunity to be of service to you. If you have any questions regarding this report, please contact us at your convenience.

Sincerely,

S&ME, Inc.

Becka L. Davidson
Environmental Professional

Al Quarles, L.G.
Senior Hydrogeologist

NORTH CAROLINA LICENSED SEAL 1133 GEOLOGIST AL QUARLES

c: Carolyn Minnich, NCDENR

BLD/waq S:\1354\PROJECT\2011\11-001 - 11-050\11-006B Reeves Site 2013

Tables:
1 Summary of Field Parameters (January 11, 2013)
2 Summary of Water Sampling Results

Figures:
1 Site Location Map
2 Site Aerial Map
3 Groundwater Surface Map (January 11, 2013)
4 Tetrachloroethene Levels (January 11, 2013)

Appendices
I Exhibit B of the Filed Notice of Brownfields Property
II Field Sampling Logs
III Laboratory Reports

S&ME's services for this project were based on the *Annual Sampling Required by Land Use Restriction* letter, dated April 25, 2006 from Ms. Carolyn Minnich, NCDENR Brownfield Project Manager, requesting the sampling of surface water and groundwater in accordance with the Notice of Brownfields Property. The April 25, 2006 letter indicated that four monitoring wells (MW-5B, MW-5C, MW-6, and MW-7) and the adjacent stream are to be sampled annually and analyzed for volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260 or equivalent. The locations of the monitor wells and stream sample locations are illustrated on **Figure 3**.

2. SCOPE OF SERVICES

2.1 Surface Water and Groundwater Sampling

On January 11, 2013, S&ME collected one upstream surface water sample (SW-U) and one downstream (SW-D) surface water sample at the approximate locations shown on **Figure 3**. The surface water samples were collected by dipping the sample containers directly into the stream pointing upstream with care not to allow sediment to enter the sample containers and not to allow overfilling to prevent the loss of any preservatives, if present. Sample containers with appropriate preservatives were provided by the laboratory.

On January 11, 2013, S&ME also collected groundwater samples from the following monitor wells: MW-5C, MW-6, and MW-7. A groundwater sample could not be obtained for monitor well MW-5B due to a decrease in groundwater levels and insufficient water in the well to allow the collection of a representative groundwater sample; no water could be removed using a bailer. Prior to sampling, the depth to water in each well was measured from the top of the well casing (TOC) and the monitor wells were purged of three to five well volumes (or until dry) using a disposable bailer. The samples were submitted to Pace Analytical Laboratories, Inc. (Pace) in Huntersville, North Carolina, a North Carolina-certified laboratory, for the analysis of VOCs by EPA Method 8260. In addition to the four monitor well samples, one duplicate sample of MW-5C (identified as Duplicate) was additionally analyzed for quality control purposes. Copies of the field sampling forms are included in **Appendix II**.

The purge water was contained in a secured and labeled 55-gallon drum that was stored on-site awaiting removal for off-site disposal. The drum of purge water will be disposed off-site by Haz~Mat Environmental in January 2013. S&ME will provide a copy of the waste manifest to the NCDENR, if requested by the NCDENR.

TABLES

Table 1
Summary of Field Parameters (January 11, 2013)
Former Reeves Property (Brownfields Project No. 08022-04-60)
8900 Research Drive
Charlotte, Mecklenburg Co., North Carolina
S&ME Project No. 1354-11-006B

Parameter	Unit	Monitoring Well ID			
		MW-5B	MW-5C	MW-6	MW-7
Depth to Water	ft below TOC	31.15	31.13	12.45	10.83
TOC Elevation	ft above MSL	632.17	632.06	609.54	605.74
BOS Elevation	ft above MSL	599.85	571.77	591.04	589.54
Total Depth (measured)	ft below TOC	31.55	59.95	19.00	16.40
Water Column	feet	0.4	28.82	6.55	5.57
Water Level Elevation	ft above MSL	601.02	600.93	597.09	594.91
Mid Point-Sampling Interval	feet	600.44	575.27	NA	NA
Change in Water Level Elevation	feet	-0.09		NA	NA
Vertical Gradient	feet/feet	-0.004		NA	NA
Temperature	°C	*	16.33	15.97	17.0
pH	Standard Units	*	6.4	5.9	5.8
Conductivity	µS/cm	*	0.263	0.298	0.297

Notes:

ft : feet
TOC : Top of Casing of the well
MSL : Mean Sea Level
°C : Degrees Celcius
µS/cm: micro siemens per centimeter
NA - Not Applicable

Table 2
Summary of Water Sampling Results
Former Reeves Property (Brownfields Project No. 08022-04-60)
8900 Research Drive
Charlotte, Mecklenburg Co., North Carolina
S&ME Project No. 1354-11-006B

Compound	Unit	Date	Well / Surface Water Sample ID							2L
			MW-5B	DUPLICATE	MW-5C	MW-6	MW-7	SW-U	SW-D	Standard
Tetrachloro-ethene	µg/L	05/04/04	**150**	**150**	**2.7**	**24**	**5.4**	---	---	0.7
		05/08/06	**50**	**71**	**1.2**	**15**	<0.16	<0.16	<0.16	
		08/09/07	**42.8**	**38.9**	**1**	**38.3**	<1.0	<1.0	<1.0	
		03/11/08	**92**	<1.0 (7)	<1.0	**38**	<1.0	<1.0	<1.0	
		01/29/09	**31.6**	**31.9**	<1.0	**27.8**	<1.0	<1.0	<1.0	
		02/24/10	**13.2**	**11.9**	<1.0	**25.9**	<1.0	<1.0	<1.0	
		01/20/11	**17.1**	<1.0 (5C)	**1.1**	**35.9**	<1.0	<1.0	<1.0	
		01/06/12	**16.1**	**14.6**	<1.0	**21.1**	<1.0	<1.0	<1.0	
		01/11/13	NS	<1.0 (5C)	<1.0	**19.3**	<1.0	<1.0	<1.0	
Trichloro-ethene	µg/L	05/08/06	<0.26	<0.26	<0.26	**2.7**	<0.26	<0.26	<0.26	3
		08/09/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		03/11/08	<1.0	<1.0 (7)	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/29/09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		02/24/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/20/11	<1.0	<1.0 (5C)	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/06/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/11/13	NS	<1.0 (5C)	<1.0	<1.0	<1.0	<1.0	<1.0	
1,1,1-Trichloro-ethane	µg/L	05/08/06	**13**	**17**	<0.35	<0.35	<0.35	<0.35	<0.35	200
		08/09/07	**5.5**	**4.9**	<1.0	<1.0	<1.0	<1.0	<1.0	
		03/11/08	**6.9**	<1.0 (7)	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/29/09	**2.3**	**2.3**	<1.0	<1.0	<1.0	<1.0	<1.0	
		02/24/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/20/11	<1.0	<1.0 (5C)	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/06/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/11/13	NS	<1.0 (5C)	<1.0	<1.0	<1.0	<1.0	<1.0	
cis-1,2-Dichloro-ethene	µg/L	05/08/06	<0.33	<0.33	<0.33	1.2	<0.33	<0.33	<0.33	70
		08/09/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		03/11/08	<1.0	<1.0 (7)	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/29/09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		02/24/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/20/11	<1.0	<1.0 (5C)	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/06/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/11/13	NS	<1.0 (5C)	<1.0	<1.0	<1.0	<1.0	<1.0	
1,1-Dichloro-ethene	µg/L	05/08/06	**1.4**	**1.9**	<0.39	<0.39	<0.39	<0.39	<0.39	7
		08/09/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		03/11/08	**1.3**	<1.0 (7)	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/29/09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		02/24/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/20/11	<1.0	<1.0 (5C)	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/06/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/11/13	NS	<1.0 (5C)	<1.0	<1.0	<1.0	<1.0	<1.0	

Table 2
Summary of Water Sampling Results
Former Reeves Property (Brownfields Project No. 08022-04-60)
8900 Research Drive
Charlotte, Mecklenburg Co., North Carolina
S&ME Project No. 1354-11-006B

Compound	Unit	Date	Well / Surface Water Sample ID							2L
			MW-5B	DUPLICATE	MW-5C	MW-6	MW-7	SW-U	SW-D	Standard
Chloroform	µg/L	05/04/04	---	---	**1.1**	---	---	---	---	70
		05/08/06	<0.29	<0.29	**1.1**	<0.29	<0.29	<0.29	<0.29	
		08/09/07	<1.0	<1.0	**1.1**	<1.0	<1.0	<1.0	<1.0	
		03/11/08	<1.0	<1.0 (7)	**1.0**	<1.0	<1.0	<1.0	<1.0	
		01/29/09	<1.0	<1.0	**1.0**	<1.0	<1.0	<1.0	<1.0	
		02/24/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/20/11	<1.0	**1.0** (5C)	**1.1**	<1.0	<1.0	<1.0	<1.0	
		01/06/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
		01/11/13	NS	<1.0 (5C)	<1.0	<1.0	<1.0	<1.0	<1.0	

Notes:

The May 4, 2004 data obtained from the Notice of Brownfields Property

Sample ID "Duplicate" is a duplicate of MW-5B, unless noted otherwise with the well # in parentheses (7) = (MW-7)

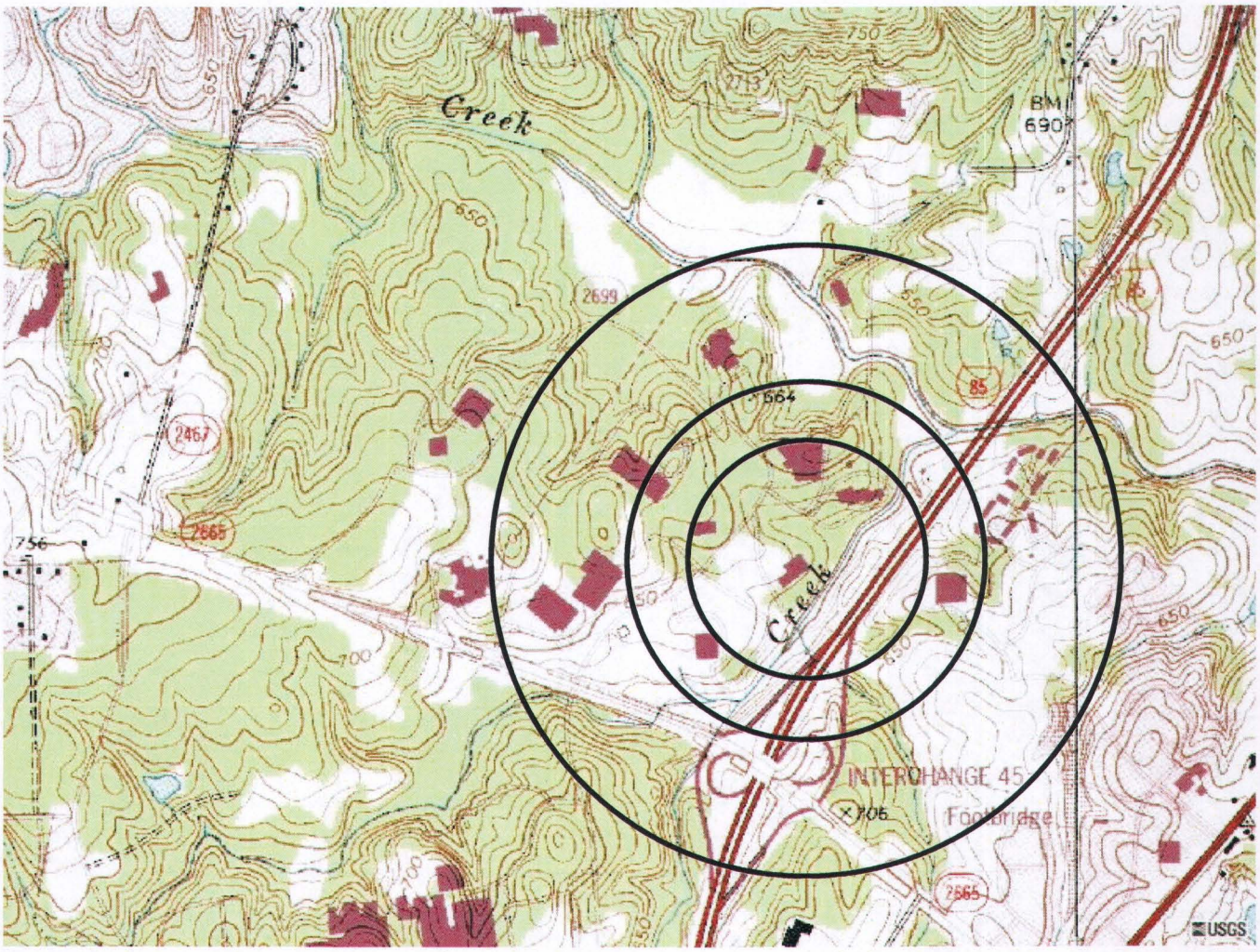
µg/L : micrograms per liter

2L Standard : 15A NCAC 2L .0202 Groundwater Quality Standard

NS : Not Sampled, insufficient wa

Underlined values exceed 2L Standards

FIGURES



Source: USGS Topographic Map obtained from http://terraserver-usa.com

NCDENR Brownfield Site No. 08022-04-60

1,500 Feet

Circles are ~1000 ft, 1500 ft, and 1 mile radii centered near monitor wells MW-5A, MW-5B and MW-5C

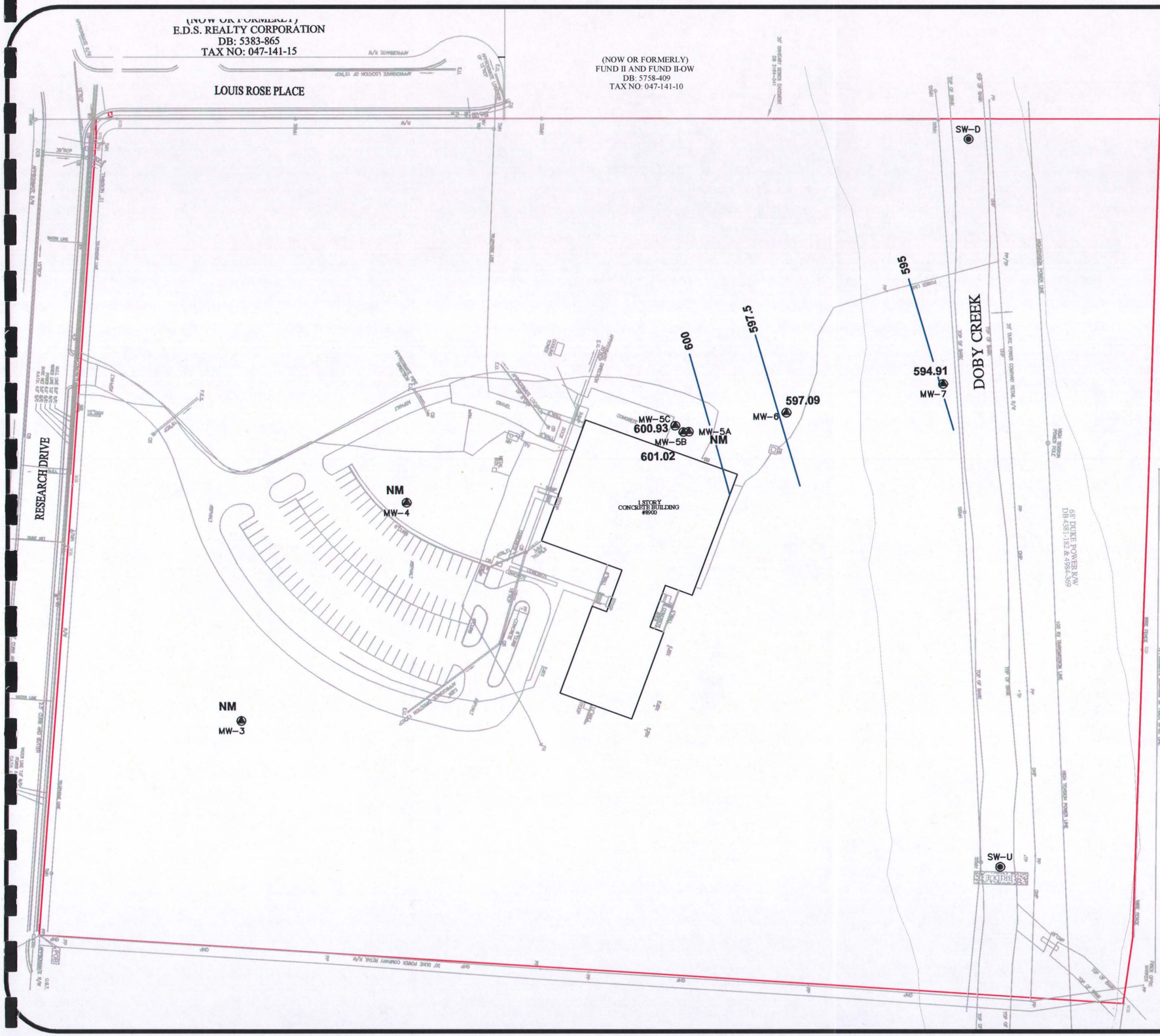
Scale: As Shown	S&ME	**SITE LOCATION MAP** Reeves Site 8900 Research Drive Charlotte, North Carolina	**Figure**
Drawn by: WAQ			**1**
Checked by: BLD			
Date: 01-21-2013		S&ME Job No.: 1354-11-006B	

250 Feet

Source: Mecklenburg County POLARIS website

NCDENR Brownfield Site No. 08022-04-60

Scale: As Shown	S&ME	**SITE AERIAL MAP** Reeves Site 8900 Research Drive Charlotte, North Carolina	**Figure**
Drawn by: WAQ			**2**
Checked by: BLD			
Date: 01-21-2013		S&ME Job No.: 1354-11-006B	



LEGEND

▲	MONITOR WELL LOCATION
◉	SURFACE WATER SAMPLE LOCATION
602.89	GROUNDWATER ELEVATION (FT) ON JANUARY 11, 2013
——	GROUNDWATER SURFACE CONTOUR
NM	NOT MEASURED

GRAPHIC SCALE

100 0 50 100 200

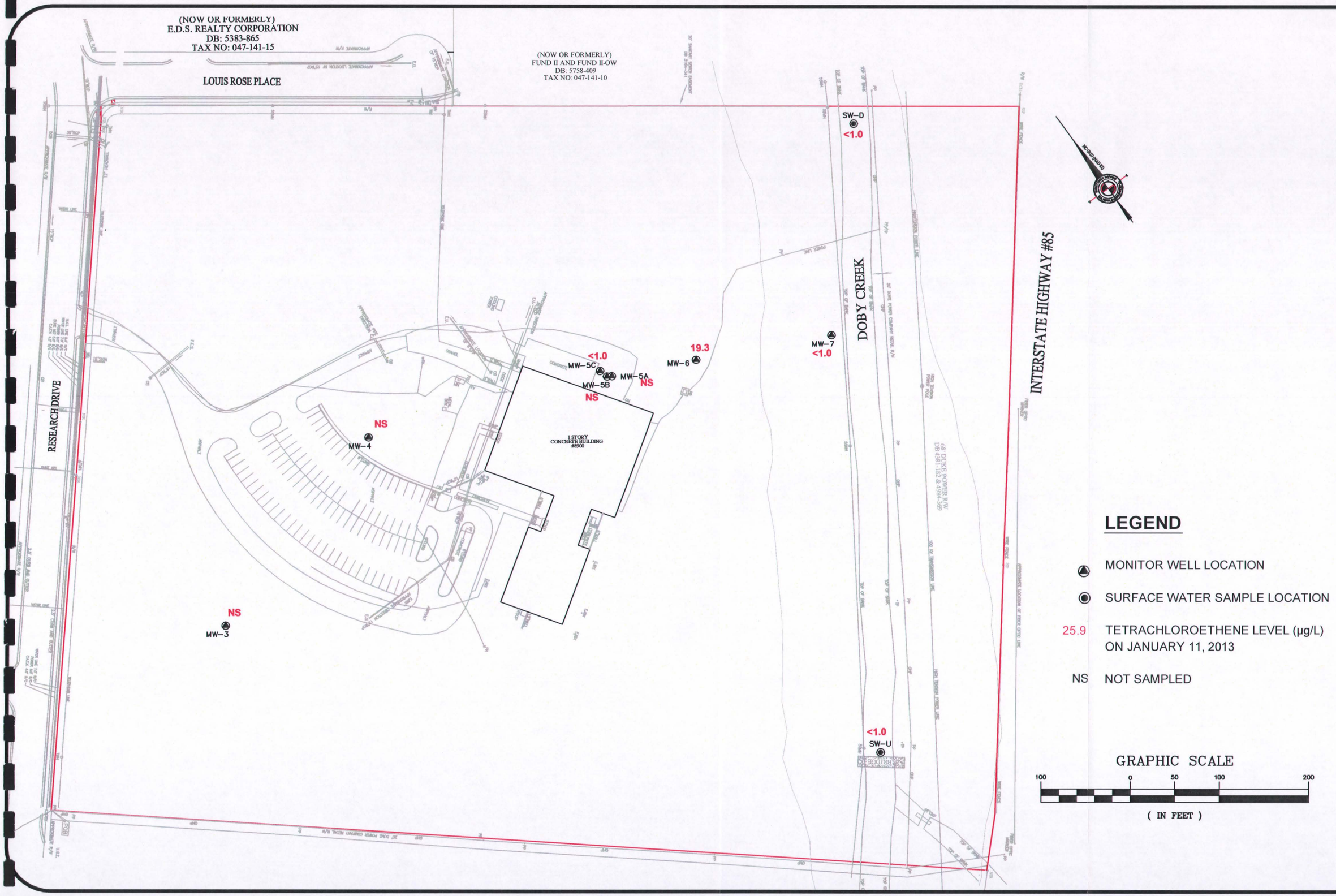
(IN FEET)

SCALE: AS SHOWN	DATE: 01-21-13
PROJECT NO. 1354-11-006A	DRAWN BY: WAQ
	CHECKED BY:

S&ME
WWW.SMEINC.COM

GROUNDWATER SURFACE MAP
REEVES SITE (BF# 08022-04-60)
8900 RESEARCH DRIVE
CHARLOTTE, NC

FIGURE NO.
3



DATE: 01-21-12
DRAWN BY: WAQ
CHECKED BY:
SCALE: AS SHOWN
PROJECT NO. 1354-11-006A

S&ME
WWW.SMEINC.COM

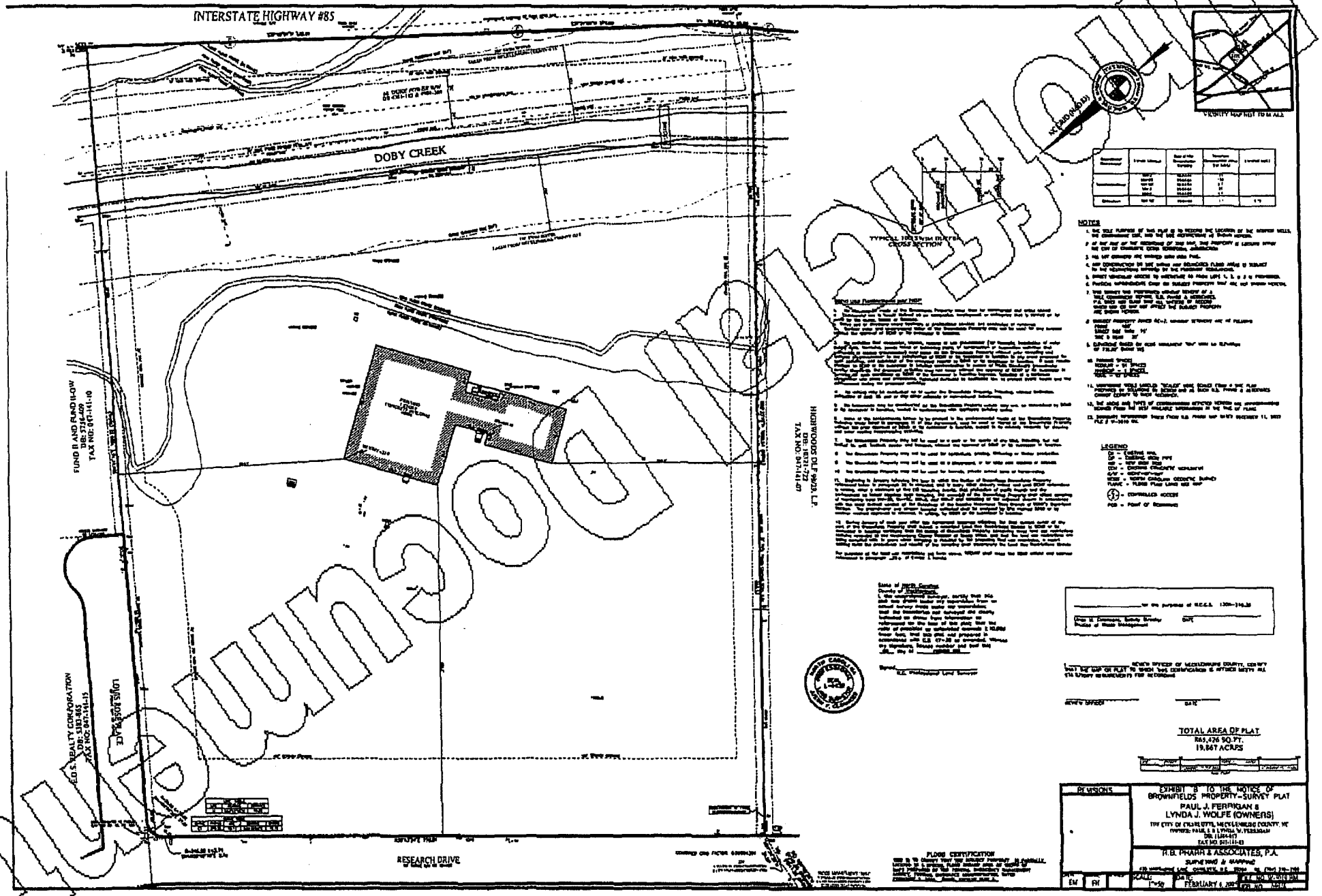
TETRACHLOROETHENE LEVELS
REEVES SITE (BF# 08022-04-60)
8900 RESEARCH DRIVE
CHARLOTTE, NC

FIGURE NO.
4

APPENDIX I

EXHIBIT B OF THE FILED NOTICE OF BROWNFIELDS PROPERTY

EXHIBIT B - Full-size version of plat map filed separately



UNOFFICIAL DOCUMENT

APPENDIX II

FIELD SAMPLING LOGS

Project Name: FORMER REEVES PROPERTY
Project Location: CHARLOTTE NC
Project Number: 1354-11-006B

S&ME

Well ID MW-5B

Sampling Personnel (1) JIMMY GOSNELL (2)
Weather Conditions
Unusual Site Conditions

Water Level Data 2" well - 0.164 gal/ft, 4" well - 0.653 gal/ft, 6" well - 1.47 gal/ft

Measuring Point Location TOC
Depth to Water (ft) 31.15
Depth to Base of Well (ft) 31.55
Water Column (ft) 0.40
Well Casing Volume 0.06 Gallons 3 VOL= GAL
Well Casing Volume Liters
3.785 liters/gallon
Equipment Used to Measure Depths ELECTRIC WATER LEVEL PROBE

Well Purging Data
Date
Purging Equipment

	Total Voume (Gal)	Time	pH	Temp (C/F)	Conductance	Turbitity
Initial	0	:				
		:				
		:				
Final		:				

Well Sampling Data
Sampling Date
Sampling Time :
Sampling Equipment
Sample Observations

Analytical Data

Method	Container Type and No.	Preservation
8260	( ) 40 ML VOA	HCL

Comments Unable to Purge or collect water in Bailer.
~~Presumed to be "End Cap" water~~

Sampler Signatures (1) [signature]
(2)

Project Name: FORMER REEVES PROPERTY
Project Location: CHARLOTTE NC
Project Number: 1354-11-006B

S&ME

Well ID 5C

Sampling Personnel (1) JIMMY GOSNELL (2)
Weather Conditions
Unusual Site Conditions

Water Level Data 2" well - 0.164 gal/ft, 4" well - 0.653 gal/ft, 6" well - 1.47 gal/ft

Measuring Point Location TOC
Depth to Water (ft) 31.13
Depth to Base of Well (ft) 59.95
Water Column (ft) 28.82
Equipment Used to Measure Depths ELECTRIC WATER LEVEL PROBE

Well Casing Volume 4.7 Gallons
Well Casing Volume Liters
3.785 liters/gallon

3 VOL= 14.1 GAL

Well Purging Data
Date 1-11-13 Purging Equipment Bailer

	Total Voume (Gal)	Time	pH	Temp (C/F)	Conductance	Turbitity	DO
Initial	0	:	6.28	15.81	0.280	69.6	6.11
	4.7	:	6.40	16.48	0.266	0.0	4.71
	9.4	:	6.41	16.39	0.263	0.0	5.21
Final	14.1	:	6.42	16.33	0.263	0.0	5.06

Well Sampling Data
Sampling Date 1-11-13
Sampling Time 14:15
Sampling Equipment Bailer
Sample Observations Clear

Analytical Data

Method	Container Type and No.	Preservation
8260	(3) 40 ML VOA	HCL

Comments DUP made on 5-C @ 14:15

Sampler Signatures (1) [signature]
(2)

Project Name: FORMER REEVES PROPERTY
Project Location: CHARLOTTE NC
Project Number: 1354-11-006B

S&ME

Well ID MW-6

Sampling Personnel (1) JIMMY GOSNELL (2)
Weather Conditions
Unusual Site Conditions

Water Level Data 2" well - 0.164 gal/ft, 4" well - 0.653 gal/ft, 6" well - 1.47 gal/ft

Measuring Point Location: TOC
Depth to Water (ft): 12.45
Depth to Base of Well (ft): 19.00
Water Column (ft): 6.55
Well Casing Volume: 1.0 Gallons
Well Casing Volume: Liters
3.785 liters/gallon
3 VOL= 3.0 GAL
Equipment Used to Measure Depths: ELECTRIC WATER LEVEL PROBE

Well Purging Data
Date: 1-11-13 Purging Equipment: Bailer

	Total Voume (Gal)	Time	pH	Temp (C/F)	Conductance	Turbitity	DO
Initial	0	:	5.98	15.42	0.299	0.0	5.43
	1.0	:	5.85	15.59	0.296	546.0	5.65 ~~4.38~~ 4.43
	2.0	:	5.82	15.83	0.296	738.0	
Final	3.0	:	5.88	15.97	0.298	181.0	4.32

Well Sampling Data
Sampling Date: 1-11-13
Sampling Time: 14:25
Sampling Equipment: Bailer
Sample Observations: Clear

Analytical Data

Method	Container Type and No.	Preservation
8260	(3) 40 ML VOA	HCL

Comments

Sampler Signatures (1) [signature]
(2)

Project Name: FORMER REEVES PROPERTY
Project Location: CHARLOTTE NC
Project Number: 1354-11-006B

S&ME

Well ID MW-7

Sampling Personnel (1) JIMMY GOSNELL (2)
Weather Conditions
Unusual Site Conditions

Water Level Data 2" well - 0.164 gal/ft, 4" well - 0.653 gal/ft, 6" well - 1.47 gal/ft

Measuring Point Location TOC
Depth to Water (ft) 10.83
Depth to Base of Well (ft) 16.40
Water Column (ft) 5.57
Well Casing Volume 0.9 Gallons
Well Casing Volume Liters
3.785 liters/gallon
3 VOL= 2.7 GAL
Equipment Used to Measure Depths ELECTRIC WATER LEVEL PROBE

Well Purging Data
Date 1-11-13 Purging Equipment Bailer

	Total Voume (Gal)	Time	pH	Temp (C/F)	Conductance	Turbitity	DO
Initial	0	12:47	5.79	16.95	0.296	0.0	4.24
	0.9	12:50	5.80	16.95	0.297	0.0	2.80
	↓	↓	↓	↓	↓	↓	dry
Final							

Well Sampling Data
Sampling Date 1-11-13
Sampling Time 14:35
Sampling Equipment Bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
8260	(3) 40 ML VOA	HCL

Comments only 0.9 for total volume.

Sampler Signatures (1) [signature]
(2)

Project Name: FORMER REEVES PROPERTY
Project Location: CHARLOTTE NC
Project Number: 1354-11-006B

S&ME

Well ID SW - U

Sampling Personnel (1) JIMMY GOSNELL (2)
Weather Conditions
Unusual Site Conditions

Water Level Data 2" well - 0.164 gal/ft, 4" well - 0.653 gal/ft, 6" well - 1.47 gal/ft
Measuring Point Location TOC Well Casing Volume Gallons 3 VOL= GAL
Depth to Water (ft) Well Casing Volume Liters
Depth to Base of Well (ft) 3.785 liters/gallon
Water Column (ft)
Equipment Used to Measure Depths ELECTRIC WATER LEVEL PROBE

Well Purging Data
Date Purging Equipment

	Total Voume (Gal)	Time	pH	Temp (C/F)	Conductance	Turbitity
Initial	0	:				
		:				
		:				
Final		:				

Well Sampling Data
Sampling Date 1-11-13
Sampling Time 14 : 45
Sampling Equipment Bottle
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
8260	(3) 40 ML VOA	HCL

Comments Doby Creek UP Stream Sample.

Sampler Signatures (1) [signature]
(2)

Project Name: FORMER REEVES PROPERTY
Project Location: CHARLOTTE NC
Project Number: 1354-11-006B

S&ME

Well ID SW-D

Sampling Personnel (1) JIMMY GOSNELL (2)
Weather Conditions
Unusual Site Conditions

Water Level Data 2" well - 0.164 gal/ft, 4" well - 0.653 gal/ft, 6" well - 1.47 gal/ft
Measuring Point Location TOC Well Casing Volume Gallons 3 VOL= GAL
Depth to Water (ft) Well Casing Volume Liters
Depth to Base of Well (ft) 3.785 liters/gallon
Water Column (ft)
Equipment Used to Measure Depths ELECTRIC WATER LEVEL PROBE

Well Purging Data
Date Purging Equipment

	Total Voume (Gal)	Time	pH	Temp (C/F)	Conductance	Turbitity
Initial	0	:				
		:				
		:				
Final		:				

Well Sampling Data
Sampling Date 1-11-13
Sampling Time 14:55
Sampling Equipment Bottle
Sample Observations Clear

Analytical Data

Method	Container Type and No.	Preservation
8260	(3) 40 ML VOA	HCL

Comments DOBY Creek Down stream sample

Sampler Signatures (1) [signature]
(2)

Project Name: FORMER REEVES PROPERTY
Project Location: CHARLOTTE NC
Project Number: 1354-11-006B

S&ME

Well ID Drum

Sampling Personnel (1) JIMMY GOSNELL (2)
Weather Conditions
Unusual Site Conditions

Water Level Data 2" well - 0.164 gal/ft, 4" well - 0.653 gal/ft, 6" well - 1.47 gal/ft
Measuring Point Location TOC Well Casing Volume Gallons 3 VOL= GAL
Depth to Water (ft) Well Casing Volume Liters
Depth to Base of Well (ft) 3.785 liters/gallon
Water Column (ft)
Equipment Used to Measure Depths ELECTRIC WATER LEVEL PROBE

Well Purging Data
Date Purging Equipment

	Total Voume (Gal)	Time	pH	Temp (C/F)	Conductance	Turbitity
Initial	0	:				
		:				
		:				
Final		:				

Well Sampling Data
Sampling Date 1-11-13
Sampling Time 15 : 10
Sampling Equipment Bailer
Sample Observations SL turbid

Analytical Data

Method	Container Type and No.	Preservation
8260	(3) 40 ML VOA	HCL

Comments Drum water sample from ~~well~~ MW- well water
Purged today

Sampler Signatures (1) [signature]
(2)

DAILY FIELD REPORT

S&ME

Field Personnel: Jimmy Gosnell

Project Name: Reeves site

Project Number: 1354-11-006B

Date: 1-11-13

Page 1 of Pages 1

ACTIVITIES PERFORMED	Time Spent (1/2-hr Increments)
AOS 12:00 locate and measure	
MW-5C, 5B, 6, 8. set up drum	
for Purging water.	
Purged MW-7 total of 0.9 Gal Took readings	
with Horiba U-22.	
Purged MW-6 & MW-5C took readings every volume.	
MW-5B was dry tried to bail no water	
came into bailer.	
Sampled MW-5C and Duplicate on MW-5C, MW-6,	
MW-7, SW-U, SW-D, and Drum.	
Leave site @ 15:30	
On-Site Time Total	5.50

Field Personnel Signature: [signature] Date: 1-11-13

APPENDIX III

LABORATORY REPORT AND CHAIN OF CUSTODY

Pace Analytical®
www.pacelabs.com

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

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

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

January 17, 2013

Mr. Al Quarles
S&ME, Inc.
9751 Southern Pine Blvd.
Charlotte, NC 28273

RE: Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Dear Mr. Quarles:
Enclosed are the analytical results for sample(s) received by the laboratory on January 14, 2013. 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,

Kevin Herring

kevin.herring@pacelabs.com
Project Manager

Enclosures

Pace Analytical®
www.pacelabs.com

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

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

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

CERTIFICATIONS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

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

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

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

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

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

SAMPLE ANALYTE COUNT

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92144747001	MW-5C	EPA 8260	MCK	64	PASI-C
92144747002	DUP	EPA 8260	MCK	64	PASI-C
92144747003	MW-6	EPA 8260	MCK	64	PASI-C
92144747004	MW-7	EPA 8260	MCK	64	PASI-C
92144747005	SW-U	EPA 8260	MCK	64	PASI-C
92144747006	SW-D	EPA 8260	MCK	64	PASI-C
92144747007	DRUM	EPA 8260	MCK	64	PASI-C
92144747008	TRIP BLANK	EPA 8260	MCK	64	PASI-C

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

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

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

HITS ONLY

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92144747001	**MW-5C**					
EPA 8260	Chloroform	<1.0	ug/L	1.0	01/15/13 23:59	
92144747002	**DUP**					
EPA 8260	Chloroform	<1.0	ug/L	1.0	01/16/13 00:15	
92144747003	**MW-6**					
EPA 8260	Tetrachloroethene	19.3	ug/L	1.0	01/16/13 00:31	
EPA 8260	Trichlorofluoromethane	<1.0	ug/L	1.0	01/16/13 00:31	
92144747005	**SW-U**					
EPA 8260	Chloromethane	<1.0	ug/L	1.0	01/16/13 01:03	
92144747006	**SW-D**					
EPA 8260	Chloromethane	<1.0	ug/L	1.0	01/16/13 01:19	
92144747007	**DRUM**					
EPA 8260	Chloroform	<1.0	ug/L	1.0	01/16/13 01:35	
EPA 8260	Tetrachloroethene	1.6	ug/L	1.0	01/16/13 01:35	

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

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

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

PROJECT NARRATIVE

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: S&ME, Inc.
Date: January 17, 2013

General Information:
8 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/21714

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 905568)
  - Chloromethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: MW-5C **Lab ID: 92144747001** Collected: 01/11/13 14:15 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	**<25.0**	ug/L	25.0	1		01/15/13 23:59	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		01/15/13 23:59	75-25-2	
Bromomethane	**<2.0**	ug/L	2.0	1		01/15/13 23:59	74-83-9	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		01/15/13 23:59	78-93-3	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		01/15/13 23:59	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		01/15/13 23:59	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	95-49-8	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	106-43-4	
1,2-Dibromo-3-chloropropane	**<5.0**	ug/L	5.0	1		01/15/13 23:59	96-12-8	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		01/15/13 23:59	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	106-46-7	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	75-71-8	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	75-34-3	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	107-06-2	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	10061-02-6	
Diisopropyl ether	**<1.0**	ug/L	1.0	1		01/15/13 23:59	108-20-3	
Ethylbenzene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	87-68-3	
2-Hexanone	**<5.0**	ug/L	5.0	1		01/15/13 23:59	591-78-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	99-87-6	
Methylene Chloride	**<2.0**	ug/L	2.0	1		01/15/13 23:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		01/15/13 23:59	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		01/15/13 23:59	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	79-34-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	127-18-4	

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: MW-5C **Lab ID: 92144747001** Collected: 01/11/13 14:15 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	87-61-6	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		01/15/13 23:59	96-18-4	
Vinyl acetate	**<2.0**	ug/L	2.0	1		01/15/13 23:59	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		01/15/13 23:59	75-01-4	
Xylene (Total)	**<2.0**	ug/L	2.0	1		01/15/13 23:59	1330-20-7	
m&p-Xylene	**<2.0**	ug/L	2.0	1		01/15/13 23:59	179601-23-1	
o-Xylene	**<1.0**	ug/L	1.0	1		01/15/13 23:59	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		01/15/13 23:59	460-00-4	
Dibromofluoromethane (S)	105	%	70-130	1		01/15/13 23:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		01/15/13 23:59	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		01/15/13 23:59	2037-26-5	

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: DUP **Lab ID: 92144747002** Collected: 01/11/13 14:15 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	**<25.0**	ug/L	25.0	1		01/16/13 00:15	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		01/16/13 00:15	75-25-2	
Bromomethane	**<2.0**	ug/L	2.0	1		01/16/13 00:15	74-83-9	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		01/16/13 00:15	78-93-3	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		01/16/13 00:15	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		01/16/13 00:15	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	95-49-8	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<5.0**	ug/L	5.0	1		01/16/13 00:15	96-12-8	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		01/16/13 00:15	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	106-46-7	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	75-71-8	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	75-34-3	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	107-06-2	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	10061-02-6	
Diisopropyl ether	**<1.0**	ug/L	1.0	1		01/16/13 00:15	108-20-3	
Ethylbenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	87-68-3	
2-Hexanone	**<5.0**	ug/L	5.0	1		01/16/13 00:15	591-78-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	99-87-6	
Methylene Chloride	**<2.0**	ug/L	2.0	1		01/16/13 00:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		01/16/13 00:15	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		01/16/13 00:15	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	79-34-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	127-18-4	

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: DUP **Lab ID: 92144747002** Collected: 01/11/13 14:15 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	87-61-6	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 00:15	96-18-4	
Vinyl acetate	**<2.0**	ug/L	2.0	1		01/16/13 00:15	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		01/16/13 00:15	75-01-4	
Xylene (Total)	**<2.0**	ug/L	2.0	1		01/16/13 00:15	1330-20-7	
m&p-Xylene	**<2.0**	ug/L	2.0	1		01/16/13 00:15	179601-23-1	
o-Xylene	**<1.0**	ug/L	1.0	1		01/16/13 00:15	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		01/16/13 00:15	460-00-4	
Dibromofluoromethane (S)	108	%	70-130	1		01/16/13 00:15	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		01/16/13 00:15	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		01/16/13 00:15	2037-26-5	

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: MW-6 **Lab ID: 92144747003** Collected: 01/11/13 14:25 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	**<25.0**	ug/L	25.0	1		01/16/13 00:31	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		01/16/13 00:31	75-25-2	
Bromomethane	**<2.0**	ug/L	2.0	1		01/16/13 00:31	74-83-9	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		01/16/13 00:31	78-93-3	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		01/16/13 00:31	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		01/16/13 00:31	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	95-49-8	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	106-43-4	
1,2-Dibromo-3-chloropropane	**<5.0**	ug/L	5.0	1		01/16/13 00:31	96-12-8	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		01/16/13 00:31	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	106-46-7	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	75-71-8	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	75-34-3	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	107-06-2	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	10061-02-6	
Diisopropyl ether	**<1.0**	ug/L	1.0	1		01/16/13 00:31	108-20-3	
Ethylbenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	87-68-3	
2-Hexanone	**<5.0**	ug/L	5.0	1		01/16/13 00:31	591-78-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	99-87-6	
Methylene Chloride	**<2.0**	ug/L	2.0	1		01/16/13 00:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		01/16/13 00:31	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		01/16/13 00:31	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	79-34-5	
Tetrachloroethene	**19.3**	ug/L	1.0	1		01/16/13 00:31	127-18-4	

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: MW-6 **Lab ID: 92144747003** Collected: 01/11/13 14:25 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	87-61-6	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 00:31	96-18-4	
Vinyl acetate	**<2.0**	ug/L	2.0	1		01/16/13 00:31	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		01/16/13 00:31	75-01-4	
Xylene (Total)	**<2.0**	ug/L	2.0	1		01/16/13 00:31	1330-20-7	
m&p-Xylene	**<2.0**	ug/L	2.0	1		01/16/13 00:31	179601-23-1	
o-Xylene	**<1.0**	ug/L	1.0	1		01/16/13 00:31	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		01/16/13 00:31	460-00-4	
Dibromofluoromethane (S)	105	%	70-130	1		01/16/13 00:31	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		01/16/13 00:31	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		01/16/13 00:31	2037-26-5	

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: MW-7 **Lab ID: 92144747004** Collected: 01/11/13 14:35 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	**<25.0**	ug/L	25.0	1		01/16/13 00:47	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		01/16/13 00:47	75-25-2	
Bromomethane	**<2.0**	ug/L	2.0	1		01/16/13 00:47	74-83-9	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		01/16/13 00:47	78-93-3	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		01/16/13 00:47	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		01/16/13 00:47	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	95-49-8	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	106-43-4	
1,2-Dibromo-3-chloropropane	**<5.0**	ug/L	5.0	1		01/16/13 00:47	96-12-8	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		01/16/13 00:47	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	106-46-7	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	75-71-8	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	75-34-3	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	107-06-2	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	10061-02-6	
Diisopropyl ether	**<1.0**	ug/L	1.0	1		01/16/13 00:47	108-20-3	
Ethylbenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	87-68-3	
2-Hexanone	**<5.0**	ug/L	5.0	1		01/16/13 00:47	591-78-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	99-87-6	
Methylene Chloride	**<2.0**	ug/L	2.0	1		01/16/13 00:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		01/16/13 00:47	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		01/16/13 00:47	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	79-34-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	127-18-4	

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: MW-7 **Lab ID: 92144747004** Collected: 01/11/13 14:35 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	87-61-6	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 00:47	96-18-4	
Vinyl acetate	**<2.0**	ug/L	2.0	1		01/16/13 00:47	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		01/16/13 00:47	75-01-4	
Xylene (Total)	**<2.0**	ug/L	2.0	1		01/16/13 00:47	1330-20-7	
m&p-Xylene	**<2.0**	ug/L	2.0	1		01/16/13 00:47	179601-23-1	
o-Xylene	**<1.0**	ug/L	1.0	1		01/16/13 00:47	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		01/16/13 00:47	460-00-4	
Dibromofluoromethane (S)	108	%	70-130	1		01/16/13 00:47	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		01/16/13 00:47	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		01/16/13 00:47	2037-26-5	

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: SW-U **Lab ID: 92144747005** Collected: 01/11/13 14:45 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	**<25.0**	ug/L	25.0	1		01/16/13 01:03	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		01/16/13 01:03	75-25-2	
Bromomethane	**<2.0**	ug/L	2.0	1		01/16/13 01:03	74-83-9	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		01/16/13 01:03	78-93-3	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		01/16/13 01:03	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		01/16/13 01:03	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	95-49-8	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	106-43-4	
1,2-Dibromo-3-chloropropane	**<5.0**	ug/L	5.0	1		01/16/13 01:03	96-12-8	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		01/16/13 01:03	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	106-46-7	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	75-71-8	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	75-34-3	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	107-06-2	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	10061-02-6	
Diisopropyl ether	**<1.0**	ug/L	1.0	1		01/16/13 01:03	108-20-3	
Ethylbenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	87-68-3	
2-Hexanone	**<5.0**	ug/L	5.0	1		01/16/13 01:03	591-78-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	99-87-6	
Methylene Chloride	**<2.0**	ug/L	2.0	1		01/16/13 01:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		01/16/13 01:03	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		01/16/13 01:03	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	79-34-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	127-18-4	

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: SW-U **Lab ID: 92144747005** Collected: 01/11/13 14:45 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	87-61-6	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 01:03	96-18-4	
Vinyl acetate	**<2.0**	ug/L	2.0	1		01/16/13 01:03	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		01/16/13 01:03	75-01-4	
Xylene (Total)	**<2.0**	ug/L	2.0	1		01/16/13 01:03	1330-20-7	
m&p-Xylene	**<2.0**	ug/L	2.0	1		01/16/13 01:03	179601-23-1	
o-Xylene	**<1.0**	ug/L	1.0	1		01/16/13 01:03	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		01/16/13 01:03	460-00-4	
Dibromofluoromethane (S)	106	%	70-130	1		01/16/13 01:03	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		01/16/13 01:03	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		01/16/13 01:03	2037-26-5	

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: SW-D **Lab ID: 92144747006** Collected: 01/11/13 14:55 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	**<25.0**	ug/L	25.0	1		01/16/13 01:19	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		01/16/13 01:19	75-25-2	
Bromomethane	**<2.0**	ug/L	2.0	1		01/16/13 01:19	74-83-9	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		01/16/13 01:19	78-93-3	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		01/16/13 01:19	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		01/16/13 01:19	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	95-49-8	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	106-43-4	
1,2-Dibromo-3-chloropropane	**<5.0**	ug/L	5.0	1		01/16/13 01:19	96-12-8	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		01/16/13 01:19	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	106-46-7	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	75-71-8	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	75-34-3	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	107-06-2	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	10061-02-6	
Diisopropyl ether	**<1.0**	ug/L	1.0	1		01/16/13 01:19	108-20-3	
Ethylbenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	87-68-3	
2-Hexanone	**<5.0**	ug/L	5.0	1		01/16/13 01:19	591-78-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	99-87-6	
Methylene Chloride	**<2.0**	ug/L	2.0	1		01/16/13 01:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		01/16/13 01:19	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		01/16/13 01:19	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	79-34-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	127-18-4	

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: SW-D **Lab ID: 92144747006** Collected: 01/11/13 14:55 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	87-61-6	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 01:19	96-18-4	
Vinyl acetate	**<2.0**	ug/L	2.0	1		01/16/13 01:19	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		01/16/13 01:19	75-01-4	
Xylene (Total)	**<2.0**	ug/L	2.0	1		01/16/13 01:19	1330-20-7	
m&p-Xylene	**<2.0**	ug/L	2.0	1		01/16/13 01:19	179601-23-1	
o-Xylene	**<1.0**	ug/L	1.0	1		01/16/13 01:19	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		01/16/13 01:19	460-00-4	
Dibromofluoromethane (S)	106	%	70-130	1		01/16/13 01:19	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		01/16/13 01:19	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		01/16/13 01:19	2037-26-5	

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: DRUM **Lab ID: 92144747007** Collected: 01/11/13 15:10 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	**<25.0**	ug/L	25.0	1		01/16/13 01:35	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		01/16/13 01:35	75-25-2	
Bromomethane	**<2.0**	ug/L	2.0	1		01/16/13 01:35	74-83-9	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		01/16/13 01:35	78-93-3	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		01/16/13 01:35	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		01/16/13 01:35	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	95-49-8	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	106-43-4	
1,2-Dibromo-3-chloropropane	**<5.0**	ug/L	5.0	1		01/16/13 01:35	96-12-8	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		01/16/13 01:35	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	106-46-7	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	75-71-8	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	75-34-3	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	107-06-2	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	10061-02-6	
Diisopropyl ether	**<1.0**	ug/L	1.0	1		01/16/13 01:35	108-20-3	
Ethylbenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	87-68-3	
2-Hexanone	**<5.0**	ug/L	5.0	1		01/16/13 01:35	591-78-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	99-87-6	
Methylene Chloride	**<2.0**	ug/L	2.0	1		01/16/13 01:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		01/16/13 01:35	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		01/16/13 01:35	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	79-34-5	
Tetrachloroethene	**1.6**	ug/L	1.0	1		01/16/13 01:35	127-18-4	

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: DRUM **Lab ID: 92144747007** Collected: 01/11/13 15:10 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	87-61-6	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		01/16/13 01:35	96-18-4	
Vinyl acetate	**<2.0**	ug/L	2.0	1		01/16/13 01:35	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		01/16/13 01:35	75-01-4	
Xylene (Total)	**<2.0**	ug/L	2.0	1		01/16/13 01:35	1330-20-7	
m&p-Xylene	**<2.0**	ug/L	2.0	1		01/16/13 01:35	179601-23-1	
o-Xylene	**<1.0**	ug/L	1.0	1		01/16/13 01:35	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		01/16/13 01:35	460-00-4	
Dibromofluoromethane (S)	108	%	70-130	1		01/16/13 01:35	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		01/16/13 01:35	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		01/16/13 01:35	2037-26-5	

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: TRIP BLANK **Lab ID: 92144747008** Collected: 01/11/13 00:00 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	**<25.0**	ug/L	25.0	1		01/15/13 22:24	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		01/15/13 22:24	75-25-2	
Bromomethane	**<2.0**	ug/L	2.0	1		01/15/13 22:24	74-83-9	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		01/15/13 22:24	78-93-3	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		01/15/13 22:24	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		01/15/13 22:24	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	95-49-8	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	106-43-4	
1,2-Dibromo-3-chloropropane	**<5.0**	ug/L	5.0	1		01/15/13 22:24	96-12-8	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		01/15/13 22:24	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	106-46-7	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	75-71-8	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	75-34-3	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	107-06-2	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	10061-02-6	
Diisopropyl ether	**<1.0**	ug/L	1.0	1		01/15/13 22:24	108-20-3	
Ethylbenzene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	87-68-3	
2-Hexanone	**<5.0**	ug/L	5.0	1		01/15/13 22:24	591-78-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	99-87-6	
Methylene Chloride	**<2.0**	ug/L	2.0	1		01/15/13 22:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		01/15/13 22:24	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		01/15/13 22:24	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	79-34-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	127-18-4	

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

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

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

ANALYTICAL RESULTS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Sample: TRIP BLANK **Lab ID: 92144747008** Collected: 01/11/13 00:00 Received: 01/14/13 14:21 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	87-61-6	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		01/15/13 22:24	96-18-4	
Vinyl acetate	**<2.0**	ug/L	2.0	1		01/15/13 22:24	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		01/15/13 22:24	75-01-4	
Xylene (Total)	**<2.0**	ug/L	2.0	1		01/15/13 22:24	1330-20-7	
m&p-Xylene	**<2.0**	ug/L	2.0	1		01/15/13 22:24	179601-23-1	
o-Xylene	**<1.0**	ug/L	1.0	1		01/15/13 22:24	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		01/15/13 22:24	460-00-4	
Dibromofluoromethane (S)	107	%	70-130	1		01/15/13 22:24	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		01/15/13 22:24	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		01/15/13 22:24	2037-26-5	

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

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

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

QUALITY CONTROL DATA

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

QC Batch: MSV/21714 — Analysis Method: EPA 8260
QC Batch Method: EPA 8260 — Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92144747001, 92144747002, 92144747003, 92144747004, 92144747005, 92144747006, 92144747007, 92144747008

METHOD BLANK: 905567 — Matrix: Water
Associated Lab Samples: 92144747001, 92144747002, 92144747003, 92144747004, 92144747005, 92144747006, 92144747007, 92144747008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	01/15/13 17:20	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	01/15/13 17:20	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	01/15/13 17:20	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	01/15/13 17:20	
1,1-Dichloroethane	ug/L	<1.0	1.0	01/15/13 17:20	
1,1-Dichloroethene	ug/L	<1.0	1.0	01/15/13 17:20	
1,1-Dichloropropene	ug/L	<1.0	1.0	01/15/13 17:20	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	01/15/13 17:20	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	01/15/13 17:20	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	01/15/13 17:20	
1,2-Dibromo-3-chloropropane	ug/L	<5.0	5.0	01/15/13 17:20	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	01/15/13 17:20	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	01/15/13 17:20	
1,2-Dichloroethane	ug/L	<1.0	1.0	01/15/13 17:20	
1,2-Dichloropropane	ug/L	<1.0	1.0	01/15/13 17:20	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	01/15/13 17:20	
1,3-Dichloropropane	ug/L	<1.0	1.0	01/15/13 17:20	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	01/15/13 17:20	
2,2-Dichloropropane	ug/L	<1.0	1.0	01/15/13 17:20	
2-Butanone (MEK)	ug/L	<5.0	5.0	01/15/13 17:20	
2-Chlorotoluene	ug/L	<1.0	1.0	01/15/13 17:20	
2-Hexanone	ug/L	<5.0	5.0	01/15/13 17:20	
4-Chlorotoluene	ug/L	<1.0	1.0	01/15/13 17:20	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	01/15/13 17:20	
Acetone	ug/L	<25.0	25.0	01/15/13 17:20	
Benzene	ug/L	<1.0	1.0	01/15/13 17:20	
Bromobenzene	ug/L	<1.0	1.0	01/15/13 17:20	
Bromochloromethane	ug/L	<1.0	1.0	01/15/13 17:20	
Bromodichloromethane	ug/L	<1.0	1.0	01/15/13 17:20	
Bromoform	ug/L	<1.0	1.0	01/15/13 17:20	
Bromomethane	ug/L	<2.0	2.0	01/15/13 17:20	
Carbon tetrachloride	ug/L	<1.0	1.0	01/15/13 17:20	
Chlorobenzene	ug/L	<1.0	1.0	01/15/13 17:20	
Chloroethane	ug/L	<1.0	1.0	01/15/13 17:20	
Chloroform	ug/L	<1.0	1.0	01/15/13 17:20	
Chloromethane	ug/L	<1.0	1.0	01/15/13 17:20	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	01/15/13 17:20	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	01/15/13 17:20	
Dibromochloromethane	ug/L	<1.0	1.0	01/15/13 17:20	
Dibromomethane	ug/L	<1.0	1.0	01/15/13 17:20	
Dichlorodifluoromethane	ug/L	<1.0	1.0	01/15/13 17:20	

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

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

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

QUALITY CONTROL DATA

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

METHOD BLANK: 905567 Matrix: Water

Associated Lab Samples: 92144747001, 92144747002, 92144747003, 92144747004, 92144747005, 92144747006, 92144747007, 92144747008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.0	1.0	01/15/13 17:20	
Ethylbenzene	ug/L	<1.0	1.0	01/15/13 17:20	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	01/15/13 17:20	
m&p-Xylene	ug/L	<2.0	2.0	01/15/13 17:20	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	01/15/13 17:20	
Methylene Chloride	ug/L	<2.0	2.0	01/15/13 17:20	
Naphthalene	ug/L	<1.0	1.0	01/15/13 17:20	
o-Xylene	ug/L	<1.0	1.0	01/15/13 17:20	
p-Isopropyltoluene	ug/L	<1.0	1.0	01/15/13 17:20	
Styrene	ug/L	<1.0	1.0	01/15/13 17:20	
Tetrachloroethene	ug/L	<1.0	1.0	01/15/13 17:20	
Toluene	ug/L	<1.0	1.0	01/15/13 17:20	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	01/15/13 17:20	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	01/15/13 17:20	
Trichloroethene	ug/L	<1.0	1.0	01/15/13 17:20	
Trichlorofluoromethane	ug/L	<1.0	1.0	01/15/13 17:20	
Vinyl acetate	ug/L	<2.0	2.0	01/15/13 17:20	
Vinyl chloride	ug/L	<1.0	1.0	01/15/13 17:20	
Xylene (Total)	ug/L	<2.0	2.0	01/15/13 17:20	
1,2-Dichloroethane-d4 (S)	%	105	70-130	01/15/13 17:20	
4-Bromofluorobenzene (S)	%	95	70-130	01/15/13 17:20	
Dibromofluoromethane (S)	%	105	70-130	01/15/13 17:20	
Toluene-d8 (S)	%	99	70-130	01/15/13 17:20	

LABORATORY CONTROL SAMPLE: 905568

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.8	102	70-130	
1,1,1-Trichloroethane	ug/L	50	47.0	94	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.1	100	70-130	
1,1,2-Trichloroethane	ug/L	50	52.1	104	70-130	
1,1-Dichloroethane	ug/L	50	47.4	95	70-130	
1,1-Dichloroethene	ug/L	50	42.3	85	70-132	
1,1-Dichloropropene	ug/L	50	44.8	90	70-130	
1,2,3-Trichlorobenzene	ug/L	50	53.3	107	70-135	
1,2,3-Trichloropropane	ug/L	50	51.3	103	70-130	
1,2,4-Trichlorobenzene	ug/L	50	52.4	105	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	54.1	108	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.1	104	70-130	
1,2-Dichlorobenzene	ug/L	50	50.4	101	70-130	
1,2-Dichloroethane	ug/L	50	47.5	95	70-130	
1,2-Dichloropropane	ug/L	50	49.5	99	70-130	
1,3-Dichlorobenzene	ug/L	50	50.2	100	70-130	
1,3-Dichloropropane	ug/L	50	52.8	106	70-130	

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

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

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

QUALITY CONTROL DATA

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

LABORATORY CONTROL SAMPLE: 905568

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	50.4	101	70-130	
2,2-Dichloropropane	ug/L	50	45.9	92	58-145	
2-Butanone (MEK)	ug/L	100	105	105	70-145	
2-Chlorotoluene	ug/L	50	52.6	105	70-130	
2-Hexanone	ug/L	100	108	108	70-144	
4-Chlorotoluene	ug/L	50	51.3	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	110	110	70-140	
Acetone	ug/L	100	117	117	50-175	
Benzene	ug/L	50	51.4	103	70-130	
Bromobenzene	ug/L	50	52.2	104	70-130	
Bromochloromethane	ug/L	50	46.1	92	70-130	
Bromodichloromethane	ug/L	50	50.8	102	70-130	
Bromoform	ug/L	50	51.9	104	70-130	
Bromomethane	ug/L	50	55.6	111	54-130	F3
Carbon tetrachloride	ug/L	50	44.5	89	70-132	
Chlorobenzene	ug/L	50	52.0	104	70-130	
Chloroethane	ug/L	50	51.2	102	64-134	
Chloroform	ug/L	50	48.1	96	70-130	
Chloromethane	ug/L	50	21.5	43	64-130	L0
cis-1,2-Dichloroethene	ug/L	50	45.2	90	70-131	
cis-1,3-Dichloropropene	ug/L	50	51.8	104	70-130	
Dibromochloromethane	ug/L	50	53.3	107	70-130	
Dibromomethane	ug/L	50	50.2	100	70-131	
Dichlorodifluoromethane	ug/L	50	64.7	129	56-130	F3
Diisopropyl ether	ug/L	50	52.9	106	70-130	
Ethylbenzene	ug/L	50	49.4	99	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.1	108	70-130	
m&p-Xylene	ug/L	100	100	100	70-130	
Methyl-tert-butyl ether	ug/L	50	49.7	99	70-130	
Methylene Chloride	ug/L	50	42.3	85	63-130	
Naphthalene	ug/L	50	54.8	110	70-138	
o-Xylene	ug/L	50	47.8	96	70-130	
p-Isopropyltoluene	ug/L	50	50.6	101	70-130	
Styrene	ug/L	50	52.2	104	70-130	
Tetrachloroethene	ug/L	50	50.0	100	70-130	
Toluene	ug/L	50	50.8	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	44.1	88	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.5	105	70-132	
Trichloroethene	ug/L	50	50.1	100	70-130	
Trichlorofluoromethane	ug/L	50	48.0	96	62-133	
Vinyl acetate	ug/L	100	109	109	66-157	
Vinyl chloride	ug/L	50	50.8	102	69-130	
Xylene (Total)	ug/L	150	148	99	70-130	
1,2-Dichloroethane-d4 (S)	%			107	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			97	70-130	
Toluene-d8 (S)	%			101	70-130	

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

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

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

QUALITY CONTROL DATA

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 905569 905570

Parameter	Units	92144597001 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	54.8	54.0	110	108	70-166	1	
Benzene	ug/L	ND	50	50	49.6	48.3	99	97	70-148	3	
Chlorobenzene	ug/L	ND	50	50	57.5	57.1	115	114	70-146	1	
Toluene	ug/L	ND	50	50	57.1	54.9	114	110	70-155	4	
Trichloroethene	ug/L	0.56J	50	50	57.6	55.8	114	111	69-151	3	
1,2-Dichloroethane-d4 (S)	%						104	109	70-130		
4-Bromofluorobenzene (S)	%						96	96	70-130		
Dibromofluoromethane (S)	%						104	106	70-130		
Toluene-d8 (S)	%						98	96	70-130		

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

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

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

QUALIFIERS

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

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.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

F3	The recovery of the second source standard used to verify the initial calibration curve for this analyte is outside the laboratory's control limits. The result is estimated.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

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

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

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Reeves Site 1354-11-006B
Pace Project No.: 92144747

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92144747001	**MW-5C**	EPA 8260	MSV/21714		
92144747002	**DUP**	EPA 8260	MSV/21714		
92144747003	**MW-6**	EPA 8260	MSV/21714		
92144747004	**MW-7**	EPA 8260	MSV/21714		
92144747005	**SW-U**	EPA 8260	MSV/21714		
92144747006	**SW-D**	EPA 8260	MSV/21714		
92144747007	**DRUM**	EPA 8260	MSV/21714		
92144747008	**TRIP BLANK**	EPA 8260	MSV/21714		

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

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

1550789

Section A Required Client Information:

Company: SAME INC
Address: 4751 Southern Pine Blvd
Email To: AQuarles@smeinc.com
Phone: 704-523-4726 Fax:
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Al Quarles
Copy To:
Purchase Order No.: 57806
Project Name: Reeves Site
Project Number: 1354-11-006-B

Section C Invoice Information:

Attention: Barbara Ellington
Company Name: Same
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: 898-14

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☒ OTHER Brown Field

Site Location STATE:

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): 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: 8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-5C	WT	G			1-11-13	14:15		3				X							001
2	~~[illegible]~~-DUP						14:15													002
3	MW-6						14:25													003
4	MW-7						14:35													004
5	SW-U						14:45													005
6	SW-D						14:55													006
7	Drum						15:10													007
8	Trip Blank								2											008
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] / SAME	1-11-13	16:58	[signature] / SAME	1-11-13	1638				
	[signature] / SAME	1-14-13	07:15	[signature]	1-14-13	7:35				
	[signature]	1-14-13	1421	[signature]	1/14/13	1421	1.7	Y	N	Y
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Jimmy Greene
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 1-11-13

*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

Pace Analytical	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: October 31, 2012 Page 1 of 2
	Document Number: **F-CHR-CS-03-rev.08**	Issuing Authority: Pace Huntersville Quality Office

Client Name: S & ME Project # 92144747

Where Received: ☑ Huntersville ☐ Asheville ☐ Eden ☐ Raleigh

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other_____

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

Optional: Proj. Due Date: Proj. Name:

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

Thermometer Used: IR Gun T1101 (T1102) **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor T1101: No Correction T1102: No Correction

Corrected Cooler Temp.: 1.7 C **Biological Tissue Is Frozen:** Yes No (N/A)

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 1/14/13

Comments:

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: WS		
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	Initial when completed
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: _____

Review: [signature] **Date:** 1/14/13 **SRF Review:** [signature] **Date:** 1/15/13

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