APPENDIX A

BORING LOGS

A1 Field Event #2 Boring Logs
A2 Field Event #3 Boring Logs
A3 Field Event #4 Boring Logs

.

A1. FIELD EVENT #2 BORING LOGS

Log of Soil Boring for GP-19

Project: 6010 Eaton Selma | *Solutions-IES Project No.:* 6010.08A2.EATN | *Boring Number:* GP-19
Client: Eaton Corporation | *Page:* 1 of 1
Project Location: 1100 East Preston St. | *City:* Selma | *County:* Johnston
Site or Site Area: Former Eaton Corp. Facility
Drilling Method: Direct Push | *Date Started:* 10/26/09 | *Date Finished:* 10/26/09
Sample Type: MC | *Initial Water Level:* NA | *Final Water Level:* 7.51 ft bgs
Logged By: JM | *Checked By:* | *Total Depth of Boring:* 12 ft | *Total Depth of Well:* 12 ft

SUBSURFACE PROFILE				SAMPLE					PID Field Screen ▲ ppm ▲ 1000 3000 5000 / FID Field Screen ● ppm ● 1000 3000 5000	Lab Sample	Well Data
Elevation	Depth in Feet	Symbol	Description	Number	Sample Interval	Type	Blows per Foot (N)	Recovery			
			Ground Surface								
	0		***PT*** Organic topsoill								
	1			1		MC			0.2		
	2		***CL*** Dry, orange and gray clay								
	3			2		MC			1.4		
	4		***CL*** Dry, orange and gray sandy clay								
	5			3		MC			14.9		
	6										
	7			4		MC			5.4		
	8		***CL*** Dry, orange and gray clay								
	9		***SP*** Wet, gray and orange sand	5		MC			56.6		
	10										
	11		***SC*** Wet sand with some clay	6		MC			199		
	12		***SP*** Wet, medium grained sand								
	13		End of Borehole at 12 ft								
	14										
	15										
	16										
	17										
	18										
	19										
	20										

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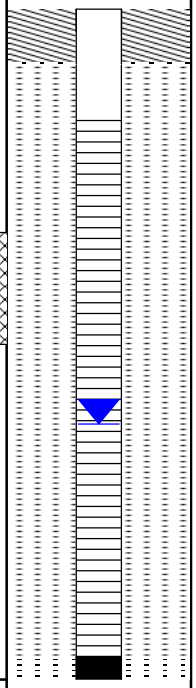
Log of Soil Boring for GP-20

Project: 6010 Eaton Selma | *Solutions-IES Project No.:* 6010.08A2.EATN | *Boring Number:* GP-20
Client: Eaton Corporation | *Page:* 1 of 1
Project Location: 1100 East Preston St. | *City:* Selma | *County:* Johnston
Site or Site Area: Former Eaton Corp. Facility
Drilling Method: Direct Push | *Date Started:* 10/26/09 | *Date Finished:* 10/26/09
Sample Type: MC | *Initial Water Level:* NA | *Final Water Level:* 7.44 ft bgs
Logged By: JM | *Checked By:* | *Total Depth of Boring:* 12 ft | *Total Depth of Well:* 12 ft

SUBSURFACE PROFILE				SAMPLE					PID Field Screen ▲ ppm ▲ 1000 3000 5000 / FID Field Screen ● ppm ● 1000 3000 5000	Lab Sample	Well Data
Elevation	Depth in Feet	Symbol	Description	Number	Sample Interval	Type	Blows per Foot (N)	Recovery			
			Ground Surface								
	0		***PT*** Loamy topsoil	1		MC			6.6		
	1		***CL*** Dry, clay								
	2		***CL*** Dry, sandy clay	2		MC			6.8		
	3										
	4			3		MC			25		
	5										
	6			4		MC			60.2		
	7		***SC*** Clayey sand								
	8		***CL*** Wet, sandy clay	5		MC			147		
	9										
	10			6		MC			342		
	11		***SP*** Wet, medium grained sand								
	12		End of Borehole at 12 ft								
	13										
	14										
	15										
	16										
	17										
	18										
	19										
	20										



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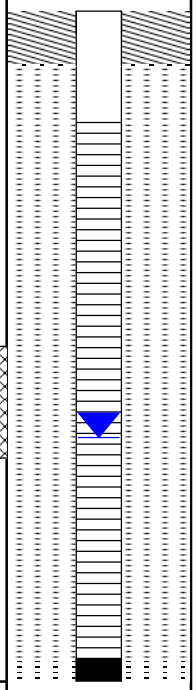
Log of Soil Boring for GP-22

Project: 6010 Eaton Selma | *Solutions-IES Project No.:* 6010.08A2.EATN | *Boring Number:* GP-22
Client: Eaton Corporation | *Page:* 1 of 1
Project Location: 1100 East Preston St. | *City:* Selma | *County:* Johnston
Site or Site Area: Former Eaton Corp. Facility
Drilling Method: Direct Push | *Date Started:* 10/26/09 | *Date Finished:* 10/26/09
Sample Type: MC | *Initial Water Level:* NA | *Final Water Level:* 7.65 ft bgs
Logged By: JM | *Checked By:* | *Total Depth of Boring:* 12 ft | *Total Depth of Well:* 12 ft

SUBSURFACE PROFILE				SAMPLE					PID Field Screen ▲ ppm ▲ 1000 3000 5000 / FID Field Screen ● ppm ● 1000 3000 5000	Lab Sample	Well Data
Elevation	Depth in Feet	Symbol	Description	Number	Sample Interval	Type	Blows per Foot (N)	Recovery			
			Ground Surface								
	0–1		***PT*** Organic topsoil	1		MC			1.6		
	2–3		***CL*** Moist, clay with slight odor	2		MC			6.8		
	4–5		***CL*** Dry, stiff clay, odor present	3		MC			8.2		
	6–7		***CL*** Sandy clay with strong odor	4		MC			21.6		
	8–9		***SC*** Orange sand with clay lense at 8.5-9 fbgs.	5		MC					
	10–11		***SC*** Gray sand with minor clay	6		MC					
	12		End of Borehole at 12 ft								



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Log of Soil Boring for GP-23

Project: 6010 Eaton Selma | *Solutions-IES Project No.:* 6010.08A2.EATN | *Boring Number:* GP-23
Client: Eaton Corporation | *Page:* 1 of 1
Project Location: 1100 East Preston St. | *City:* Selma | *County:* Johnston
Site or Site Area: Former Eaton Corp. Facility
Drilling Method: Direct Push | *Date Started:* 10/26/09 | *Date Finished:* 10/26/09
Sample Type: MC | *Initial Water Level:* NA | *Final Water Level:* 7.24 ft bgs
Logged By: JM | *Checked By:* | *Total Depth of Boring:* 12 ft | *Total Depth of Well:* 12 ft

SUBSURFACE PROFILE				SAMPLE					PID Field Screen ▲ ppm ▲ 1000 3000 5000 / FID Field Screen ● ppm ● 1000 3000 5000	Lab Sample	Well Data
Elevation	Depth in Feet	Symbol	Description	Number	Sample Interval	Type	Blows per Foot (N)	Recovery			
			Ground Surface								
	0–3		***SW*** Course sand with some gravel	1		MC			0.4		
				2		MC			1.4		
	3–4		***CL*** Moist, clay								
	4–8		***CL*** Dry, tight clay with minor sand	3		MC			1.6		
				4		MC			1.4		
	8–11		***CL*** Interlayered clay and sandy clay	5		MC			1.7		
				6		MC			12.8		
	11–12		***SP*** Yellow, coarse sand								
	12		End of Borehole at 12 ft								

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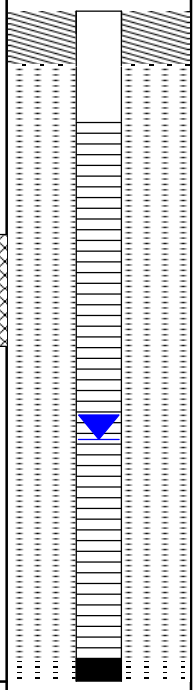
Log of Soil Boring for GP-24

Project: 6010 Eaton Selma | *Solutions-IES Project No.:* 6010.08A2.EATN | *Boring Number:* GP-24
Client: Eaton Corporation | *Page:* 1 of 1
Project Location: 1100 East Preston St. | *City:* Selma | *County:* Johnston
Site or Site Area: Former Eaton Corp. Facility
Drilling Method: Direct Push | *Date Started:* 10/26/09 | *Date Finished:* 10/26/09
Sample Type: MC | *Initial Water Level:* NA | *Final Water Level:* 7.68 ft bgs
Logged By: JM | *Checked By:* | *Total Depth of Boring:* 12 ft | *Total Depth of Well:* 12 ft

SUBSURFACE PROFILE				SAMPLE					PID Field Screen ▲ ppm ▲ 1000 3000 5000 / FID Field Screen ● ppm ● 1000 3000 5000	Lab Sample	Well Data
Elevation	Depth in Feet	Symbol	Description	Number	Sample Interval	Type	Blows per Foot (N)	Recovery			
			Ground Surface								
	0–1		***PT*** Organic topsoil	1		MC			0.8		
	1–4		***ML*** Dry, gray silt (easily divided)	2		MC			0.7		
	4–6		***CL*** Dry, gray silty clay	3		MC			2.6		
	6–8		***CL*** Moist, gray silty clay	4		MC			5.9		
	8–9		***CL*** Dense clay	5		MC			14		
	9–11		***CL*** Wet, sandy clay	6		MC			19.3		
	11–12		***SP*** Wet, coarse sand								
	12		End of Borehole at 12 ft								



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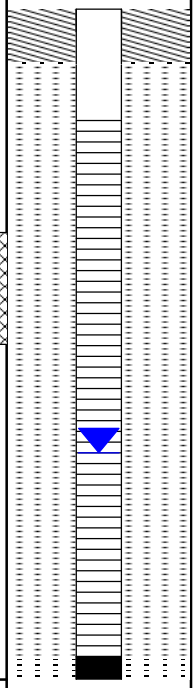
Log of Soil Boring for GP-25

Project: 6010 Eaton Selma | *Solutions-IES Project No.:* 6010.08A2.EATN | *Boring Number:* GP-25
Client: Eaton Corporation | *Page:* 1 of 1
Project Location: 1100 East Preston St. | *City:* Selma | *County:* Johnston
Site or Site Area: Former Eaton Corp. Facility
Drilling Method: Direct Push | *Date Started:* 10/26/09 | *Date Finished:* 10/26/09
Sample Type: MC | *Initial Water Level:* NA | *Final Water Level:* 7.94 ft bgs
Logged By: JM | *Checked By:* | *Total Depth of Boring:* 12 ft | *Total Depth of Well:* 12 ft

SUBSURFACE PROFILE				SAMPLE					PID Field Screen ▲ ppm ▲ 1000 3000 5000 / FID Field Screen ● ppm ● 1000 3000 5000	Lab Sample	Well Data
Elevation	Depth in Feet	Symbol	Description	Number	Sample Interval	Type	Blows per Foot (N)	Recovery			
			Ground Surface								
	0		***PT*** Organic topsoil								
	1			1		MC			1.2		
	2		***ML*** Dry, gray silt (easily divided)								
	3		***ML*** Dry, gray silt with some clay layers	2		MC			0.7		
	4		***CL*** Clay								
	5			3		MC			2.0		
	6										
	7			4		MC					
	8										
	9			5		MC					
	10										
	11			6		MC					
	12		End of Borehole at 12 ft								
	13										
	14										
	15										
	16										
	17										
	18										
	19										
	20										



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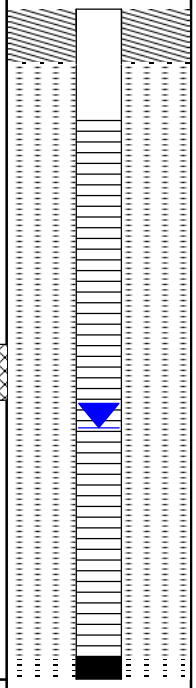
Log of Soil Boring for GP-26

Project: 6010 Eaton Selma | *Solutions-IES Project No.:* 6010.08A2.EATN | *Boring Number:* GP-26
Client: Eaton Corporation | *Page:* 1 of 1
Project Location: 1100 East Preston St. | *City:* Selma | *County:* Johnston
Site or Site Area: Former Eaton Corp. Facility
Drilling Method: Direct Push | *Date Started:* 10/27/09 | *Date Finished:* 10/27/09
Sample Type: MC | *Initial Water Level:* NA | *Final Water Level:* 7.51 ft bgs
Logged By: JM | *Checked By:* | *Total Depth of Boring:* 12 ft | *Total Depth of Well:* 12 ft

SUBSURFACE PROFILE				SAMPLE					PID Field Screen ▲ ppm ▲ 1000 3000 5000 / FID Field Screen ● ppm ● 1000 3000 5000	Lab Sample	Well Data
Elevation	Depth in Feet	Symbol	Description	Number	Sample Interval	Type	Blows per Foot (N)	Recovery			
			Ground Surface								
	0		***PT*** Organic topsoil	1		MC			0.4		
	1		***ML*** Dry, gray silt (easily divided)								
	2		***CL*** Dry, orange clay	2		MC			0.1		
	3		***ML*** Dry, gray silt	3		MC			2.6		
	4		***CL*** Dry, gray clay								
	5		***CL*** Moist, gray clay	4		MC			18.4		
	6		***CL*** Wet, interlayered silty and sandy clay	5		MC					
	7										
	8			6		MC					
	9		***SP*** Wet, medium coarse sand								
	10		End of Borehole at 12 ft								
	11										
	12										
	13										
	14										
	15										
	16										
	17										
	18										
	19										
	20										



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Log of Soil Boring for GP-27

Project: 6010 Eaton Selma | *Solutions-IES Project No.:* 6010.08A2.EATN | *Boring Number:* GP-27
Client: Eaton Corporation | *Page:* 1 of 1
Project Location: 1100 East Preston St. | *City:* Selma | *County:* Johnston
Site or Site Area: Former Eaton Corp. Facility
Drilling Method: Direct Push | *Date Started:* 10/27/09 | *Date Finished:* 10/27/09
Sample Type: MC | *Initial Water Level:* NA | *Final Water Level:* 7.84 ft bgs
Logged By: JM | *Checked By:* | *Total Depth of Boring:* 12 ft | *Total Depth of Well:* 12 ft

SUBSURFACE PROFILE				SAMPLE					PID Field Screen ▲ ppm ▲ 1000 3000 5000 / FID Field Screen ● ppm ● 1000 3000 5000	Lab Sample	Well Data
Elevation	Depth in Feet	Symbol	Description	Number	Sample Interval	Type	Blows per Foot (N)	Recovery			
			Ground Surface								
	0		***PT*** Organic topsoil	1		MC			0.1		
	1		***CL*** Dry silty clay								
	2		***CL*** Dry, dense orange clay	2		MC			0.1		
	3		***ML*** Dry, gray silt	3		MC			0.1		
	4		***CL*** Dry, orange and gray clay	4		MC			0.3		
	5		***CL*** Wet,orange and gray clay	5		MC					
	6		***CL*** Wet, fine sandy clay	6		MC					
	7		***SC*** Wet,clayey sand								
	8		***SP*** Wet, medium coarse sand								
	9		End of Borehole at 12 ft								
	10										
	11										
	12										
	13										
	14										
	15										
	16										
	17										
	18										
	19										
	20										

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Log of Soil Boring for HA-21

Project: 6010 Eaton Selma | *Solutions-IES Project No.:* 6010.08A2.EATN | *Boring Number:* HA-21
Client: Eaton Corporation | *Page:* 1 of 1
Project Location: 1100 East Preston St. | *City:* Selma | *County:* Johnston
Site or Site Area: Former Eaton Corp. Facility
Drilling Method: Hand Auger | *Date Started:* 10/26/09 | *Date Finished:* 10/26/09
Sample Type: HA | *Initial Water Level:* NA | *Final Water Level:* 7.50 ft bgs
Logged By: JM | *Checked By:* | *Total Depth of Boring:* 12 ft | *Total Depth of Well:* 12 ft

SUBSURFACE PROFILE				SAMPLE							
Elevation	Depth in Feet	Symbol	Description	Number	Sample Interval	Type	Blows per Foot (N)	Recovery	PID Field Screen ppm (1000, 3000, 5000) / FID Field Screen ppm (1000, 3000, 5000)	Lab Sample	Well Data
	0		Ground Surface								
	1		***PT*** Organic topsoil	1		HA			8.3		
	2		***CL*** Dry, clay								
	3		***CL*** Dry, sandy clay	2		HA			10.4		
	4										
	5			3		HA			41		
	6										
	7		***SC*** Clayey sand	4		HA			13.2		
	8										
	9			5		HA			8.2		
	10		***SC*** Wet, medium grained sand								
	11			6		HA			159.1		
	12		End of Borehole at 12 ft								
	13										
	14										
	15										
	16										
	17										
	18										
	19										
	20										

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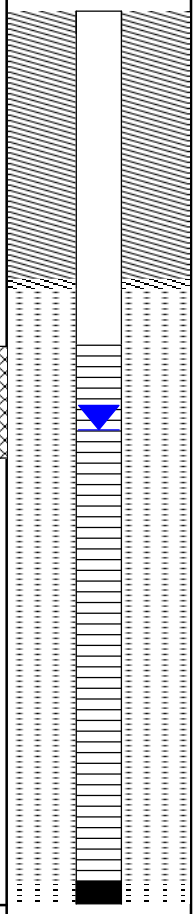
Log of Soil Boring for HA-28

Project: 6010 Eaton Selma | *Solutions-IES Project No.:* 6010.08A2.EATN | *Boring Number:* HA-28
Client: Eaton Corporation | *Page:* 1 of 1
Project Location: 1100 East Preston St. | *City:* Selma | *County:* Johnston
Site or Site Area: Former Eaton Corp. Facility
Drilling Method: Hand Auger | *Date Started:* 10/27/09 | *Date Finished:* 10/27/09
Sample Type: HA | *Initial Water Level:* NA | *Final Water Level:* 7.51 ft bgs
Logged By: JM | *Checked By:* | *Total Depth of Boring:* 16 ft | *Total Depth of Well:* 16 ft

SUBSURFACE PROFILE				SAMPLE					PID Field Screen ▲ ppm ▲ 1000 3000 5000 / FID Field Screen ● ppm ● 1000 3000 5000	Lab Sample	Well Data
Elevation	Depth in Feet	Symbol	Description	Number	Sample Interval	Type	Blows per Foot (N)	Recovery			
			Ground Surface								
	0–1		***CL*** Dry, gray clay	1		HA			0.2		
	2–3		***CL*** Moist, gray clay	2		HA			0.4		
	4–5		***CL*** Dry, orange stiff clay	3		HA			1		
	6–7			4		HA			0.2		
	8–9			5		HA			0.1		
	10–11			6		HA			0.2		
	12–13		***SC*** Wet, sandy clay/clayey sand mix	7		HA					
	14–15			8		HA					
	16		End of Borehole at 16 ft								
	17										
	18										
	19										
	20										



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Log of Soil Boring for HA-29

Project: 6010 Eaton Selma | *Solutions-IES Project No.:* 6010.08A2.EATN | *Boring Number:* HA-29
Client: Eaton Corporation | *Page:* 1 of 1
Project Location: 1100 East Preston St. | *City:* Selma | *County:* Johnston
Site or Site Area: Former Eaton Corp. Facility
Drilling Method: Hand Auger | *Date Started:* 10/27/09 | *Date Finished:* 10/27/09
Sample Type: HA | *Initial Water Level:* NA | *Final Water Level:* 7.84 ft bgs
Logged By: JM | *Checked By:* | *Total Depth of Boring:* 16 ft | *Total Depth of Well:* 16 ft

SUBSURFACE PROFILE				SAMPLE					PID Field Screen ▲ ppm ▲ 1000 3000 5000 / FID Field Screen ● ppm ● 1000 3000 5000	Lab Sample	Well Data
Elevation	Depth in Feet	Symbol	Description	Number	Sample Interval	Type	Blows per Foot (N)	Recovery			
			Ground Surface								
	0–6		***CL*** Dry, orange and gray clay	1		HA			0.0		
				2		HA			0.0		
				3		HA			0.0		
	6–8		***CL*** Moist, orange and gray clay	4		HA			0.0		
	8–11		***CL*** Moist, gray and white stiff plastic clay	5		HA			0.1		
	11–12		***SC*** Moist, orange sandy clay/clayey sand mix	6		HA					
	12–13		***CL*** Tight gray plastic clay	7		HA					
	13–16		***CL*** Wet, gray sandy clay	8		HA					
	16		End of Borehole at 16 ft								
	17										
	18										
	19										
	20										

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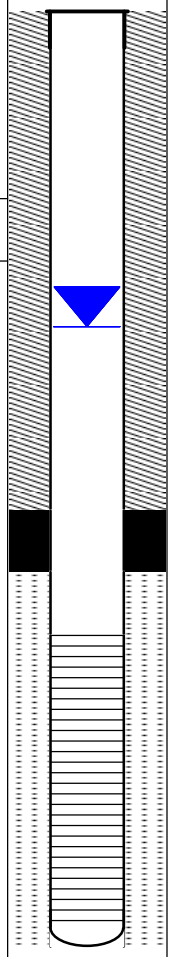
A2. FIELD EVENT #3 BORING LOGS

Log of Soil Boring: MW-6

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647425.5**
Easting: **2213079.73**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/19/10**
Date Completed: **7/19/10**
Drilling Method: **Hollow Stem Auger**
Initial Water Level: **8' bgs**
Final Water Level: **10.13' bgs**
Sample Method: **Macrocore**
Date & Time (i): **7/19/10**
Date & Time (f): **7/28/10**
Logged by: **KD** Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	171.06		Ground Surface							
0			**SM** brown silty-sand, fine-grained				3.0			
2					60					
	168.00		**ML** light brown silty-clay, fine grained, loose				3.2			
4										
	166.00		**CL** light gray clay mottled orange, medium stiff				3.6			
6					100					
	164.00		**CL** light gray clay, mottled orange, some sand and organics				10.1		MW-6 (6-8)	
8										
	162.00		**CL** sandy clay, wet, soft							
10					100					
	160.00		**SW** sand, medium-grained, well-graded, peices of gravel							
12										
	158.00		**No Samples Collected**							
14										
	156.00									
16										
	154.00									
18										
	152.00									
20										
	150.00									
22										
	148.00									
24										
	146.00									
26										
	144.00									
28										
	142.00									
30			**ML** clayey silt, dry, very hard, some quartz pieces							
	140.00									
32										
	138.00									
34										



Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **4.25'**
TOC Elevation: **174.07**
Screen Interval: **20' - 30' bgs**
Completion: **Stick-up**
Casing Diameter: **2"**
Screen Material: **PVC**
Total Depth: **30**
Casing Material: **PVC**
Slot Size: **0.01**

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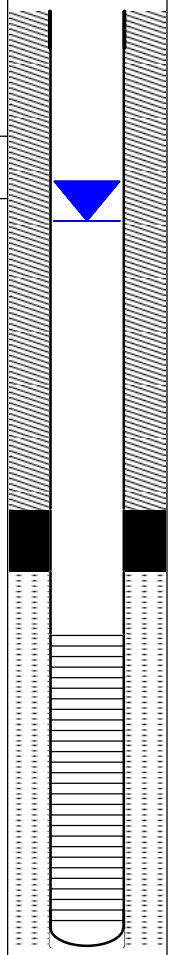
Log of Soil Boring: MW-7

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647358.89**
Easting: **2213228.79**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/20/10**
Date Completed: **7/20/10**
Drilling Method: **Hollow Stem Auger**
Initial Water Level: **8' bgs**
Final Water Level: **6.75' bgs**
Sample Method: **Macrocore**
Date & Time (i): **7/20/10**
Date & Time (f): **7/21/10 0750**
Logged by: **KD** Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	171.57		Ground Surface							
0			**SM** silty-sand,topsoil fine-grained, some organics				1.1			
2	170.00				60					
			ML light brown silty-clay, fine grained, loose				2.8			
4	168.00									
			CL light gray clay mottled orange, medium stiff				31.8		MW-7 (4-6)	
6	166.00				100					
							38.3			
8	164.00		**No Samples Collected**							
10	162.00									
12	160.00									
14	158.00									
16	156.00									
18	154.00									
20	152.00									
22	150.00									
24	148.00									
26	146.00									
28	144.00									
30	142.00		**ML** clayey-silt with some weathered rock, dry, very hard, micaceous							
32	140.00									
34	138.00									



Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **4.25'**
TOC Elevation: **174.78**
Screen Interval: **20' - 30' bgs**
Completion: **Stick-up**
Casing Diameter: **2"**
Screen Material: **PVC**
Total Depth: **30**
Casing Material: **PVC**
Slot Size: **0.01**

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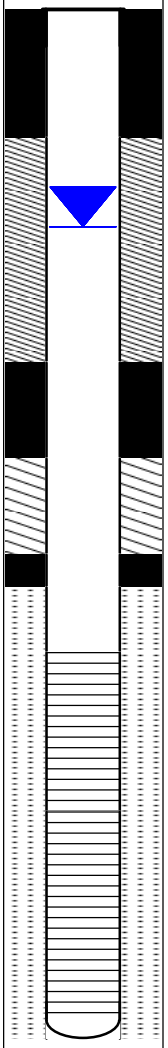
Log of Soil Boring: MW-8

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647285.12**
Easting: **2213276.33**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/20/10**
Date Completed: **7/20/10**
Drilling Method: **Hollow Stem Auger**
Initial Water Level: **8' bgs**
Final Water Level: **7.23' bgs**
Sample Method: **Macrocore**
Date & Time (i): **7/20/10**
Date & Time (f): **7/28/10**
Logged by: **KD** Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	171.28		Ground Surface							
0			**SM** silty-sand, topsoil, dry, fine-grained, some decayed organic matter		60		1.3			
2	168.00		**ML** light brown, fine grained, loose				1.0			
4	166.00		**ML** light brown silt, trace clay		100		2.4			
6	164.00		**CL** light gray clay, mottled orange, medium stiff, some decayed organic matter.				3.1			
8	162.00				40		1.1			
10	160.00		**CL** light gray clay, saturated, medium stiff, some silt,							
12	158.00		**SP** light brown medium-grained sand, saturated, some rounded quartz gravel		80					
14	156.00									
16	154.00		**No Samples Collected**							
18	152.00									
20	150.00									
22	148.00									
24	146.00									
26	144.00									
28	142.00									
30	140.00		**ML** light gray clayey-silt, dry, very hard,		50					
32										



Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **4.25'** TOC Elevation: **174.78** Screen Interval: **20' - 30' bgs**
Completion: **Flush Mount** Casing Diameter: **2"** Screen Material: **PVC**
Total Depth: **30** Casing Material: **PVC** Slot Size: **0.01**

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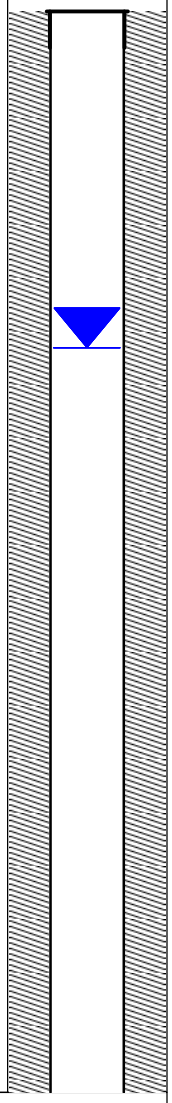
Log of Soil Boring: MW-9

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647146.83**
Easting: **2213319.88**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/15/10**
Date Completed: **7/15/10**
Drilling Method: **Hollow Stem Auger**
Initial Water Level: **10' bgs**
Final Water Level: **5.90' bgs**
Sample Method: **Macrocore**
Date & Time (i): **7/15/10**
Date & Time (f): **7/15/10 1400**
Logged by: **KD** Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	174.07		Ground Surface							
0			**ML** light brown silt, topsoil				0.1			
2	172.00		**SP** light brown sand, gravelly, loose		90		1.9			
4	170.00		**CL** light brown clay, medium stiff				2.5			
6	168.00		**CL** light gray and yellow clay, stiff		100		4.8			
8	166.00		**CL** light gray clay mottled orange, stiff							
10	164.00		**CL** light gray clay mottled orange, stiff		100					
12	162.00		**CL** sandy-clay, wet, stiff							
14	160.00		**SP** sand, saturated, fine to medium-grained		90					
16	158.00		**SW** white sand, gravelly, saturated, medium-grained, some quartz pieces							
18	156.00		**CL** sandy-clay, saturated, gravelly, dense		100					
20	154.00									



Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **4.25'** TOC Elevation: **174.07** Screen Interval: **28' - 38' bgs**
Completion: **Flush Mount** Casing Diameter: **2"** Screen Material: **PVC**
Total Depth: **38** Casing Material: **PVC** Slot Size: **0.01**

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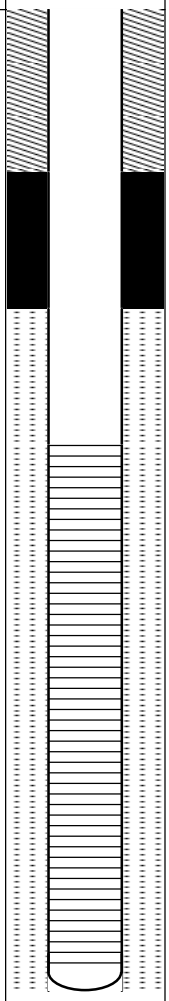
Log of Soil Boring: MW-9

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647146.83**
Easting: **2213319.88**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/15/10**
Date Completed: **7/15/10**
Drilling Method: **Hollow Stem Auger**
Initial Water Level: **10' bgs**
Final Water Level: **5.90' bgs**
Sample Method: **Macrocore**
Date & Time (i): **7/15/10**
Date & Time (f): **7/15/10 1400**
Logged by: **KD** Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
			SW sand, saturated, coarse, gravelly							
22	152.00		**SW** sand, saturated, coarse, gravelly		80					
24	150.00		**GW** light brown to orange gravel, well graded							
26	148.00		**GW** light brown to orange gravel, well graded		80					
28	146.00		**SW/SM** light gray sand, saturated, gravelly, trace silt		60					
30	144.00									
32	142.00				5					
34	140.00		**SW** light gray sandy-gravel, saturated, with sand and gravel		5					
36	138.00		**GW** gravel, saturated, well-graded		5					
38	136.00									
40	134.00									



Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **4.25'** TOC Elevation: **174.07** Screen Interval: **28' - 38' bgs**
Completion: **Flush Mount** Casing Diameter: **2"** Screen Material: **PVC**
Total Depth: **38** Casing Material: **PVC** Slot Size: **0.01**

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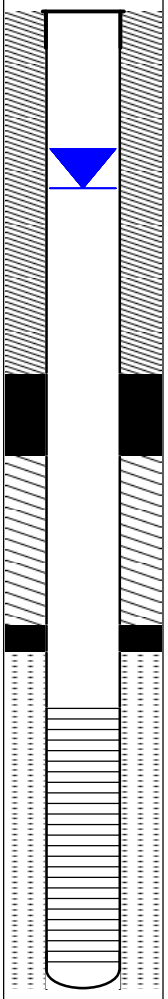
Log of Soil Boring: MW-11

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **646868.13**
Easting: **2213422.88**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/19/10**
Date Completed: **7/19/10**
Drilling Method: **Hollow Stem Auger**
Initial Water Level: **8' bgs**
Final Water Level: **6.35' bgs**
Sample Method: **Macrocore**
Date & Time (i): **7/19/10**
Date & Time (f): **7/28/10**
Logged by: **KD** Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	170.54		Ground Surface							
0			**ML** light brown silt, topsoil		100		0.4			
2	168.00		**ML/CL** light brown silty-clay with orange mottling ,stiff				0.4			
4	166.00		**ML/CL** light gray clay with silt, mottled orange, dry, medium stiff, some decayed organic matter		100		0.0			
6	164.00						0.0			
8	162.00		**CL** light gray clay, mottled orange, stiff		80		0.0			
10	160.00		**CL** light gray clay mottled orange,with some fine-grained sand							
12	158.00		**SW** orange sand, medium-grained,saturated, well-graded							
14	156.00		**No Samples Collected**							
16	154.00									
18	152.00									
20	150.00									
22	148.00									
24	146.00									
26	144.00									
28	142.00									
30	140.00		**GW** light gray gravel, saturated, well graded							
32	138.00									
34	136.00									
36	134.00		**ML** light gray clayey silt, dry, very hard							
38			End of Boring							



Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **4.25'** TOC Elevation: **174.07** Screen Interval: **25' - 35' bgs**
Completion: **Flush Mount** Casing Diameter: **2"** Screen Material: **PVC**
Total Depth: **35** Casing Material: **PVC** Slot Size: **0.01**

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Log of Soil Boring: RC-1

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647021.15**
Easting: **2212812.67**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/12/10**
Date Completed: **7/13/10**
Drilling Method: **Hollow Stem Auger**
Initial Water Level: **16 ft**
Final Water Level:
Sample Method: **Split Spoon**
Date & Time (i): **7/12/10**
Date & Time (f):
Logged by: **KD** Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	171.97		Ground Surface							
0			**SM** light brown very fine grained-silty-sand			N/A	0.05			
2	170.00									
			ML light brown fine grained silt							
4	168.00									
					80	11, 13, 7, 11	0.10			
6	166.00		**CL** yellow and white mottled orange clay, medium plastic, very stiff							
8	164.00		**CH** mottled orange clay, moist, very stiff							
10	162.00				90	8, 6, 5, 3				
			CL orange clay, moist, stiff							
12	160.00									
14	158.00									
			SW/GP light yellow sand, saturated, gravelly, very coarse with quartz pieces, dense		80	5, 15, 18, 20				
16	156.00									
			SW yellow and white coarse-grained sand, saturated, gravelly, dense							
18	154.00									
20	152.00				90	17, 30, 11, 21				
22	150.00									

Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **3.25"** TOC Elevation: **171.97** Screen Interval:
Completion: Casing Diameter: Screen Material:
Total Depth: **74' bgs** Casing Material: Slot Size:

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Log of Soil Boring: RC-1

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647021.15**
Easting: **2212812.67**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/12/10**
Date Completed: **7/13/10**
Drilling Method: **Hollow Stem Auger**
Initial Water Level: **16 ft**
Final Water Level:
Sample Method: **Split Spoon**
Date & Time (i): **7/12/10**
Date & Time (f):
Logged by: **KD** Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
			SP yellow and white coarse-grained sand, saturated, little fine, very dense							
24	148.00									
					90	21, 22, 30, 11				
26	146.00									
28	144.00									
			GW gravel, saturated, coarse-grained, rounded quartz pieces							
30	142.00				80	6, 10, 11, 19				
32	140.00									
			SM/ML gray gravelly sandy silt, saturated, very hard							
34	138.00									
					90	20, 39, 15, 19				
36	136.00		**ML** light gray clayey silt, dry, very hard							
38	134.00		**ML** light gray clayey silt, dry, relict bedrock structure							
40	132.00				5	19, 25, 50				
42	130.00									
44	128.00									

Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **3.25"** TOC Elevation: **171.97** Screen Interval:
Completion: Casing Diameter: Screen Material:
Total Depth: **74' bgs** Casing Material: Slot Size:

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Log of Soil Boring: RC-1

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647021.15**
Easting: **2212812.67**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/12/10**
Date Completed: **7/13/10**
Drilling Method: **Hollow Stem Auger**
Initial Water Level: **16 ft**
Final Water Level:
Sample Method: **Split Spoon**
Date & Time (i): **7/12/10**
Date & Time (f):
Logged by: **KD** Checked by: **WB**

Depth		Lithology Sample Information					Laboratory Sample Information			Well Information
Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
			ML light gray clayey silt, dry, very hard							
46	126.00				30	19, 35, 50				
48	124.00									
50	122.00		**ML** gray partially weathered rock, sampling as clayey silt, dry, partially weathered rock		50	32, 50/4				
52	120.00									
54	118.00									
56	116.00				30	N/A				
58	114.00									
60	112.00		partially weathered rock, sampling as gray clayey silt, some weathered rock fragments		N/A	39, 50/7				
62	110.00		**Hollow Stem Auger terminated at 64 feet. Begin rock coring with NQ core barrell.**							
64	108.00		hard slightly weathered, very slightly fractured gray green metavolcanic rock, slaty cleavage 60° to 80°, some healed factures RQD-72%		89					
66	106.00									

Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **3.25"** TOC Elevation: **171.97** Screen Interval:
Completion: Casing Diameter: Screen Material:
Total Depth: **74' bgs** Casing Material: Slot Size:

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Log of Soil Boring: RC-1

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647021.15**
Easting: **2212812.67**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/12/10**
Date Completed: **7/13/10**
Drilling Method: **Hollow Stem Auger**
Initial Water Level: **16 ft**
Final Water Level:
Sample Method: **Split Spoon**
Date & Time (i): **7/12/10**
Date & Time (f):
Logged by: **KD** Checked by: **WB**

Depth		Lithology Sample Information					Laboratory Sample Information			Well Information
Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
68	104.00									
70	102.00		hard slightly weathered, very slightly fractured gray green metavolcanic rock, slaty cleavage 60^0 to 80^0, some healed factures RQD-97%							
72	100.00				100					
74	98.00		End of Boring							
76	96.00									
78	94.00									
80	92.00									
82	90.00									
84	88.00									
86	86.00									
88	84.00									

Notes:
A photoionization detector was used to screen the soil in the unsaturated zone. Rock cores were taken from 64' to 74' below ground surface.

RQD- Rock Quality Designation = Sum of all peices of core greater than 3" long/run length

Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **3.25"** TOC Elevation: **171.97** Screen Interval:
Completion: Casing Diameter: Screen Material:
Total Depth: **74' bgs** Casing Material: Slot Size:

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Log of Soil Boring: RC-2

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **646826.08**
Easting: **2213283.8**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/13/10**
Date Completed: **7/14/10**
Drilling Method: **Hollow Stem Auger**
Initial Water Level: **10**
Final Water Level:
Sample Method: **Split Spoon**
Date & Time (i): **7/13/10**
Date & Time (f):
Logged by: **KD** Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	171.82		Ground Surface							
0			**SM/GM** brown silty sand, fine to medium grained, some gravel, loose			N/A	2.1			
2	170.00									
4	168.00		**CL** orange and white clay, medium plastic, hard, some fine silt							
6	166.00				75	33, 19, 15, 13	1.8			
8	164.00		**SP** white medium- grained sand, saturated, poorly graded, loose							
10	162.00				70	2, 4, 5, 12				
12	160.00									
14	158.00		**SW** light yellow sand, saturated, medium-grained ,loose some angular quartz fragments							
16	156.00				80	2, 4, 6, 8				
18	154.00		**SP** light brown to white fine grained sand, saturated, firm, few fines							
20	152.00				100	8, 7, 5, 8				
22	150.00									

Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **3.25"** TOC Elevation: **171.82** Screen Interval:
Completion: Casing Diameter: Screen Material:
Total Depth: **72' bgs** Casing Material: Slot Size:

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Log of Soil Boring: RC-2

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **646826.08**
Easting: **2213283.8**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/13/10**
Date Completed: **7/14/10**
Drilling Method: **Hollow Stem Auger**
Initial Water Level: **10**
Final Water Level:
Sample Method: **Split Spoon**
Date & Time (i): **7/13/10**
Date & Time (f):
Logged by: **KD** Checked by: **WB**

Depth		Lithology Sample Information					Laboratory Sample Information			Well Information
Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
24	148.00									
26	146.00		**SW/GW** light brown gravelly sand, saturated, well-graded, loose, with pieces of quartz		100	6, 4, 5, 6				
28	144.00									
30	142.00		**GW** gravel, saturated, coarse-grained, rounded quartz, firm		30	4, 5, 8, 5				
32	140.00									
34	138.00		gravel or cobbles from drilling							
36	136.00				N/A	29, 50/6				
38	134.00									
40	132.00		**ML** partially weathered rock, sampling as, light gray clayey silt, dry, medium plastic micaceous, relict bedrock textures		50	18, 22, 50				
42	130.00									
44	128.00									

Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **3.25"** TOC Elevation: **171.82** Screen Interval:
Completion: Casing Diameter: Screen Material:
Total Depth: **72' bgs** Casing Material: Slot Size:

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Log of Soil Boring: RC-2

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **646826.08**
Easting: **2213283.8**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/13/10**
Date Completed: **7/14/10**
Drilling Method: **Hollow Stem Auger**
Initial Water Level: **10**
Final Water Level:
Sample Method: **Split Spoon**
Date & Time (i): **7/13/10**
Date & Time (f):
Logged by: **KD** Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
46	126.00		partially weathered rock, sampling as light gray clayey silt, dry, some mica		0	41 45 45 49				
48	124.00									
50	122.00		partially weathered rock sampling as gray clayey silt		75	31 39 50/6				
52	120.00									
54	118.00		**Refusal at 55 feet. Begin coring with NQ core barrell.**							
56	116.00		Highly weathered rock inferred from drilling and lack of recovery		0					
58	114.00									
60	112.00		weathered, fractured, gray green metavolcanic rock slightly friable, slaty cleavage 60^0 to 85^0 Broken zone at 64' RQD-37%		55					
62	110.00									
64	108.00									
66	106.00									

Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **3.25"** TOC Elevation: **171.82** Screen Interval:
Completion: Casing Diameter: Screen Material:
Total Depth: **72' bgs** Casing Material: Slot Size:

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Log of Soil Boring: RC-2

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **646826.08**
Easting: **2213283.8**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/13/10**
Date Completed: **7/14/10**
Drilling Method: **Hollow Stem Auger**
Initial Water Level: **10**
Final Water Level:
Sample Method: **Split Spoon**
Date & Time (i): **7/13/10**
Date & Time (f):
Logged by: **KD** Checked by: **WB**

Depth		Lithology Sample Information						Laboratory Sample Information			Well Information
Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT		Field Screen	Sample Interval	Sample ID	Well Const.
68	104.00		weathered fractured gray green metavolcanic rock. slaty cleavage 70^0. several vertical factures observed. Tight with little staining. Low angle stained fracture at 66.8' RQD-35%		100						
70	102.00		Hard gray green matavolcanic rock. Vuggy healed factures. No staining RQD- 83%		83						
72	100.00		End of Boring								
74	98.00										
76	96.00										
78	94.00										
80	92.00										
82	90.00										
84	88.00										
86	86.00										
88	84.00										

Notes:
A photoionization detector was used to screen the soil in the unsaturated zone. Rock cores were taken from 70' to 72' below ground surface.

RQD- Rock quality designation= sum of all peices of core greater than 3" long/run length

Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **3.25"** TOC Elevation: **171.82** Screen Interval:
Completion: Casing Diameter: Screen Material:
Total Depth: **72' bgs** Casing Material: Slot Size:

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Log of Soil Boring: SB-30

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647296.73**
Easting: **2213165.71**
Project Location: **1100 E. Preston St.** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/19/10**
Date Completed: **7/19/10**
Drilling Method: **DPT**
Initial Water Level: **8' bgs**
Final Water Level:
Sample Method: **Macrocore**
Date & Time (i): **7/19/10**
Date & Time (f):
Logged by: **KD**
Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	171.93		Ground Surface							
0			**ML** brown silty-sand, with gravel				1.7			
2	170.00		**SM** brown silty-sand				0.7			
4	168.00		**CL** light gray clay, stiff				3.2		SB-30 (4-6)	
6	166.00		**CL** light gray clay, moist, stiff				20.2			
8	164.00		End of Boring							
10	162.00									
12	160.00									
14	158.00									

Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **3.25"**
TOC Elevation: **171.93**
Screen Interval:
Completion:
Casing Diameter:
Screen Material:
Total Depth: **10'**
Casing Material:
Slot Size:

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Log of Soil Boring: SB-31

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647294.82**
Easting: **2213214.91**
Project Location: **1100 E. Preston St.** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/16/10**
Date Completed: **7/16/10**
Drilling Method: **DPT**
Initial Water Level: **8' bgs**
Final Water Level:
Sample Method: **Macrocore**
Date & Time (i): **7/16/10 1440**
Date & Time (f):
Logged by: **KD**
Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	171.42		Ground Surface							
0			**ML** brown silt, topsoil				17.8			
	170.00									
2			**ML** silt with trace clay				24.4			
	168.00									
4			**CL** light gray clay, dry, stiff				24.7			
	166.00									
6			**CL** light gray clay, dry, stiff				32.3		SB-31 (6-8)	
	164.00									
8			**CL (Saturated)** clay, saturated, some sand				25.0			
	162.00									
10										
	160.00									
12			End of Boring							
	158.00									
14										

Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **3.25"**
TOC Elevation: **171.42**
Screen Interval:
Completion:
Casing Diameter:
Screen Material:
Total Depth: **10'**
Casing Material:
Slot Size:

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Log of Soil Boring: SB-32

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647307.41**
Easting: **2213275.52**
Project Location: **1100 E. Preston St.** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/16/10**
Date Completed: **7/16/10**
Drilling Method: **DPT**
Initial Water Level: **8' bgs**
Final Water Level:
Sample Method: **Macrocore**
Date & Time (i): **7/16/10 1440**
Date & Time (f):
Logged by: **KD**
Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	171.10		Ground Surface							
0	170.00		**ML** brown silt, topsoil				17.8			
2	168.00		**ML** silt with trace clay				24.4			
4	166.00		**CL** light gray clay, dry, stiff				24.7			
6	164.00		**CL** light gray clay, dry, stiff				32.3		SB-32 (6-8)	
8	162.00		**CL (Saturated)** clay, saturated, some sand				25.0			
10	160.00									
12	158.00		End of Boring							
14										

Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **3.25"**
TOC Elevation: **171.1**
Screen Interval:
Completion:
Casing Diameter:
Screen Material:
Total Depth: **10'**
Casing Material:
Slot Size:

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Log of Soil Boring: SB-33

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647278.97**
Easting: **2213277.12**
Project Location: **1100 E. Preston St.** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/16/10**
Date Completed: **7/16/10**
Drilling Method: **DPT**
Initial Water Level: **10' bgs**
Final Water Level:
Sample Method: **Macrocore**
Date & Time (i): **7/16/10 1430**
Date & Time (f):
Logged by: **KD**
Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	171.25		Ground Surface							
0			**ML** brown silty sand, dry				2.1			
	170.00									
2			**ML** silty sand, trace clay				3.3			
	168.00									
4			**CL** light gray clay, stiff				6.5			
	166.00									
6			**CL** light gray clay, stiff				40.6		SB-33 (6-8)	
	164.00									
8			**CL** light gray clay, stiff				35			
	162.00									
10										
	160.00									
12			End of Boring							
	158.00									
14										

Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **3.25"**
TOC Elevation: **171.25**
Screen Interval:
Completion:
Casing Diameter:
Screen Material:
Total Depth: **10'**
Casing Material:
Slot Size:

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Log of Soil Boring: SB-34

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647279.5**
Easting: **2213390.55**
Project Location: **1100 E. Preston St.** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/14/10**
Date Completed: **7/14/10**
Drilling Method: **DPT**
Initial Water Level: **9' bgs**
Final Water Level:
Sample Method: **Macrocore**
Date & Time (i): **7/14/10**
Date & Time (f):
Logged by: **KD**
Checked by:

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	171.48		Ground Surface							
0			**ML** brown silty sand				9.2			
	170.00									
2			**ML** silty sand, trace clay				4.1			
	168.00									
4			**ML** silty sand, medium-grained				32.1		SB-34 (4-6)	
	166.00									
6			**CL** yellow clay, moist, stiff				12.2			
	164.00									
8			**CL** brown clay, moist, stiff, some silt				0.1			
	162.00		**CL (Saturated)** brown clay, satruated, stiff, some silt and sand							
10										
	160.00									
12			End of Boring							
	158.00									
14										

Depth | Lithology Sample Information | Laboratory Sample Information | Well Information

Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **3.25"**
TOC Elevation: **171.48**
Screen Interval:
Completion:
Casing Diameter:
Screen Material:
Total Depth: **10'**
Casing Material:
Slot Size:

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Log of Soil Boring: SB-35

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647273.89**
Easting: **2213434.43**
Project Location: **1100 E. Preston St.** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/14/10**
Date Completed: **7/14/10**
Drilling Method: **DPT**
Initial Water Level: **8.5' bgs**
Final Water Level:
Sample Method: **Macrocore**
Date & Time (i): **7/16/10 1525**
Date & Time (f):
Logged by: **KD**
Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	171.49		Ground Surface							
0			**ML** brown silty sand				9.8			
	170.00									
2			**ML** silty sand, trace clay				30.3			
	168.00									
4			**ML** silty sand, medium-grained				29.1		SB-35 (4-6)	
	166.00									
6			**CL** yellow clay, very moist, stiff				58.1			
	164.00									
8			**CL** brown clay, moist, stiff, saturated @ 7 ft.				0.1			
	162.00									
10										
	160.00									
12			End of Boring							
	158.00									
14										

Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **3.25"**
TOC Elevation: **171.49**
Screen Interval:
Completion:
Casing Diameter:
Screen Material:
Total Depth: **10'**
Casing Material:
Slot Size:

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Log of Soil Boring: SB-36

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647148.19**
Easting: **2213435.98**
Project Location: **1100 E. Preston St.** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area:
Date Started: **7/19/10**
Date Completed: **7/19/10**
Drilling Method: **DPT**
Initial Water Level: **8' bgs**
Final Water Level:
Sample Method: **Macrocore**
Date & Time (i): **7/16/10 1525**
Date & Time (f):
Logged by: **KD**
Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	170.32		Ground Surface							
0			**ML** brown silt, topsoil				6.2			
2	168.00		**ML** silt with trace clay				7.5			
4	166.00		**CL** light gray clay, dry, stiff				6.0		SB-36 (4-6)	
6	164.00		**CL** light gray clay, dry, stiff, saturated @ 8 ft.				3.0			
8	162.00		End of Boring							
10	160.00									
12	158.00									
14	156.00									

Well Construction Details

Drilling Contractor: **Parratt-Wolff**
Size of Borehole: **3.25"**
TOC Elevation: **170.32**
Screen Interval:
Completion:
Casing Diameter:
Screen Material:
Total Depth: **10'**
Casing Material:
Slot Size:

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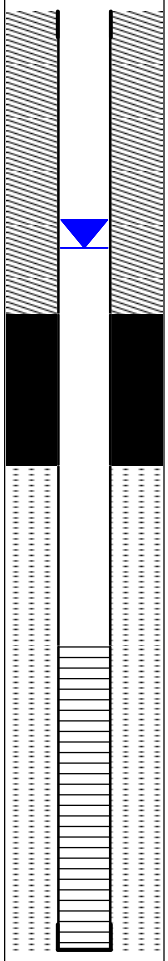
A3. FIELD EVENT #4 BORING LOGS

Log of Soil Boring: MW-13

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647514.66**
Easting: **2213133.77**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area: **North NSEW Property**
Date Started: **5/04/11**
Date Completed: **5/04/11**
Drilling Method: **Hollow Stem Auger**
Initial Water Level: **8'**
Final Water Level: **7.82'**
Sample Method: **Macrocore**
Date & Time (i): **5/04/11**
Date & Time (f): **6/27/11**
Logged by: **WB** Checked by: **KD**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	171.49		Ground Surface							
0			**CL** Soft Gray with Yellow Brown Silty CLAY, Wet		100					
2										
4	168.00		**CL** Firm to Hard Gray Silty CLAY, Damp							
6	166.00		**CL** Firm Tan and Gray Silty CLAY with some fine Sand, Damp		100					
8	164.00									
10	162.00		**SM** Loose Brown Silty SAND with occassional Fine Gravel, Moist		100					
12	160.00		**SM** Loose Orange Brown Fine-Grained Silty SAND, with some Coarse Sand and occassional Pea Gravel, Wet							
14	158.00									
16	156.00		**GC** Hard Orange Brown Clayey GRAVEL (Iron stained), Wet		100					
18	154.00									
20	152.00		**SW/GW** Loose to medium dense light Gray to White Silty Med. to Coarse SAND with Pea Gravel, Wet		100					
22	150.00									
24	148.00									
26	146.00		Unable to obtain MacroCore Sample. Sand with Gravel; from Drilling							
28	144.00									
30	142.00									
32	140.00		Gravel and Cobbles; from Drilling							
34	138.00		End of Boring							



Well Construction Details

Drilling Contractor: **Geologic Exploration**
Size of Borehole: **4-1/4" HSA** C Elevation: **Est. 177.5**
Screen Interval: **21.0' - 31.0' bgs**
Completion: **Stick-up**
Casing Diameter: **2"**
Screen Material: **PVC**
Total Depth: **31'**
Casing Material: **PVC**
Slot Size: **0.010"**

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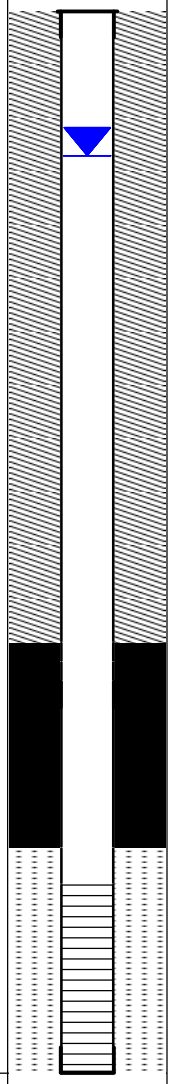
Log of Soil Boring: MW-14

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing:
Easting:
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area: **JCI Property**
Date Started: **6/9/2011**
Date Completed: **6/10/2011**
Drilling Method: **Hollow Stem Auger**
Initial Water Level:
Final Water Level: **7.53**
Sample Method: **Cuttings**
Date & Time (i):
Date & Time (f): **6/27/2011**
Logged by: **JK** Checked by: **KD**

Depth		Lithology Sample Information					Laboratory Sample Information			Well Information
Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
0	171.49		Ground Surface							
2			**No Samples Collected**							
4	168.00									
6	166.00									
8	164.00									
10	162.00									
12	160.00									
14	158.00									
16	156.00									
18	154.00									
20	152.00									
22	150.00									
24	148.00									
26	146.00									
28	144.00									
30	142.00									
32	140.00		**ML** Saprolite, hard							
34	138.00									
36	136.00									
38	134.00									
40	132.00									
42	130.00									
44	128.00									
46	126.00									
48	124.00									
50	122.00									
52	120.00									
54	118.00									
56	116.00									



Well Construction Details

Drilling Contractor: **Geologic Exploration**
Size of Borehole: **4-1/4" HSA** C Elevation: **171.64**
Screen Interval: **47.0' - 57.0' bgs**
Completion: **Flush**
Casing Diameter: **2"**
Screen Material: **PVC**
Total Depth: **57**
Casing Material: **PVC**
Slot Size: **0.010"**

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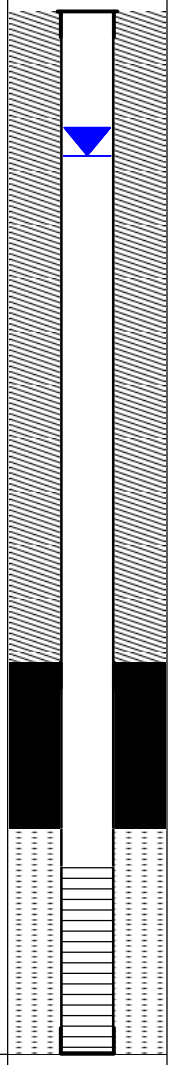
Log of Soil Boring: MW-15

Project Name: **Eaton Selma**
Solutions-IES Project Number: **6010.08A2.EATN**
Client: **Eaton Corporation**
Northing: **647283.81**
Easting: **2212908.86**
Project Location: **1100 E. Preston St** State: **NC**
County: **Johnson**
City: **Selma**
Site or Area: **JCI Property**
Date Started: **5/04/11**
Date Completed: **5/05/11**
Drilling Method: **Hollow Stem Auger**
Initial Water Level:
Final Water Level: **8.0**
Sample Method: **Cuttings**
Date & Time (i):
Date & Time (f): **6/27/2011**
Logged by: **KD**
Checked by: **WB**

Depth	Elevation	USCS Symbol	Description	Sample Interval	Recovery %	Blows / 0.5 FT	Field Screen	Sample Interval	Sample ID	Well Const.
	171.49		Ground Surface							
0			**ML** Topsoil, loose sandy SILT, dark brown, dry							
2										
4	168.00		**CL** Soft light brown sandy CLAY, damp							
6	166.00									
8	164.00		**CL** Stiff red CLAY, medium plastic, moist							
10	162.00									
12	160.00		**SM** Loose Brown sandy CLAY with occassional Fine Gravel, Moist							
14	158.00									
16	156.00		**SM** Loose Orange and Brown Fine-Grained Silty SAND, with some Coarse Sand and occassional Gravel, Wet							
18	154.00									
20	152.00		**GC** Medium to fine grained SAND, poorly sorted, wet							
22	150.00									
24	148.00									
26	146.00									
28	144.00									
30	142.00									
32	140.00									
34	138.00		**ML** Light Gray clayey SILT/SAPROLITE, hard							
36	136.00									
38	134.00									
40	132.00									
42	130.00									
44	128.00									
46	126.00									
48	124.00									
50	122.00									
52	120.00									
54	118.00									
56	116.00		**Auger Refusal** End of Boring							



Well Construction Details

Drilling Contractor: **Geologic Exploration**
Size of Borehole: **4-1/4" HSA** C Elevation: **171.64**
Screen Interval: **46.0' - 56' bgs**
Completion: **Flush**
Casing Diameter: **2"**
Screen Material: **PVC**
Total Depth: **56**
Casing Material: **PVC**
Slot Size: **0.010"**

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APPENDIX B

FIELD NOTES

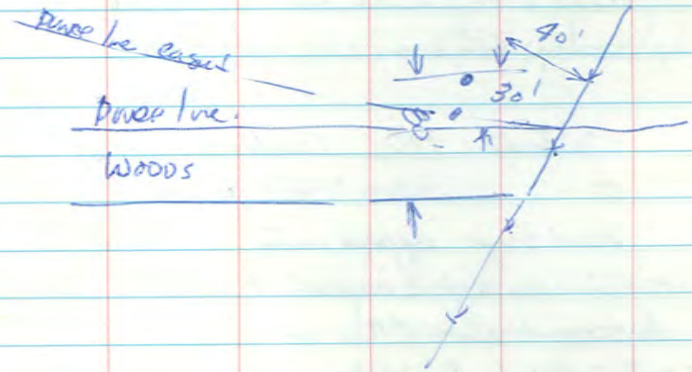
B1 Field Event #1 Field Notes
B2 Field Event #2 Field Notes
B3 Field Event #3 Field Notes
B4 Field Event #4 Field Notes

B1. FIELD EVENT #1 FIELD NOTES

April 7, 2009
Mobilize to the Solvay Site leave office 9:30 arrive on site at 10:30. Check in at front office, Speak to Maintence supervisor walk around site to locate wells and previous borings.

11:10 Break for lunch. stop & pick up ice & water and return to site eat in truck evaluate Phase I report.

11:45 Collect equipt and check bottles, no trip blank and no DI water. proceed to back corner (NW) and Collect BG-1



12:27 move to 2ND BACKGROUND SAMPLE BG-2

4/7/09 water level 5" BG

Collect BG-2 6'-2' 12:31

Go back to truck & decon hand augers & 2 bowls.

13:03 Move to BG-3. location along south property line. Hand auger to 2'

Collect sample at 13:07. Location is 120' from end of park lot approx 25' from property line. Soil is brown clay. not as wet as at locations BG-1 & BG-2.

Set up & begin Hand auger near MW-2

13:15 Called office to see if lab could drop a trip blank off. was missing from cooler. this morning.

Calibrate FID. Calibration reads 100.3 ok.

Hand auger approximately 2½' from MW-2. Collect 2 samples. & put in ziplocks to screen. with FID.

13:30 label. bag SA-2

Scan both bags = Zero.

Check FID with marker.

4/7/09

has response Operate OK

Augered a little deeper & put sample in bag.

Scan deeper sample no reading = 0

Open boring on N side of sidewalk no odor observed No headspace readings = 0

Sample at 3' = Zero ppm

sample at 4' 13:52 = Zero ppm

Tried to open boring on south side of sidewalk to 6' hit stormdrain at 3' stop.

Advance boring on N side of sidewalk to 6'

Scan sample at 6' = 15.9 ppm slight odor.

Move to SB-7 area.

3-' 9.0

5.75' 81.9 Collect sample at 6'

Augur down to 6' collect samples. 8260, 8270, metals. 14:55

water level in MW-1 = 0.7' TTC 15:09

4/7/09

15:36 begin purging purge rate is 250 ml/min

	15:42	15:48	15:55	16:00
pH	5.80	5.78	6.07	6.42
temp	13.6	14.4	16.3	16.5
Cond.	173	158	139	139
turb.	50	40	27	31

Collect sample 16:02 - 16:36.
also collected a Duplicate identified as MW-12 VOCs, SVOCs + Metals

Depart site at 16:40

Arrive at office at 17:35

No further entries this date

Walt Beck

4/8/09

Chris Dionne + Walt Beckett on site this date to install piezometers + evaluate drains
9:58 sign in at front desk.

Chris check water levels

				ELEV
MW-1	15-20	1.68	172.0	170.32
MW-2	25-30	.98	171.21	170.23
MW-3	15-20	1.01	171.13	170.12
MW-4	15-20	1.31	171.56	170.25
MW-5	15-20	0.4	170.42	170.02

Collect water levels from all MW and evaluate GW flow is more south or SE. water is quite a bit higher than last summer.

Install drive point Piez. near to MW-2
soil 0-0.5 Topsoil
0.5- Gray mottled with Tan silty clay some VF. sand + mica.
PZ-2 12+2.5+1' screen. Approx 14" sticking up
PZ2A screen. +3'

4/8/09.

Stop to pick up materials Go by DSI.

12:52 Arrive Backonsite eat Lunch

13:15 FILL HAND AUGER HOLES WITH BENTONITE CHIPS TO 2' FG.

INSTALL PIEZ 3 IN CANAL APPROX 25' FROM BEND.

DRIVE TIP TO 8.5' below water level. hard driving stick = 9" above water. All measurements referred to water surface.

Fill Hand auger hole with Sacrete. Ground 2" PVC pipe for Piez 2A + 2B.

2A is 14.5' BG. (13.5-14.5)
2B is 6.5' BG. (5.5-6.5)

Shoot elevations

	FS	BS	HI	ELEV
MW-2	5.06			
PZ-2A	3.43			
PZ-2B	3.46			

4-8-9

Inner casing (3/4" pipe) is 1.5' Below 2" PVC on both 2A + 2B

	FS	BS	HI	ELEV
MW-4	5.37			
WATER IN CANAL	7.67			

Depart site 3:30 after turning in badges.

4:20 Arrive in Raleigh. Unload equipmt + put in garage.

Weather on 4/7
Partly Cloudy windy and cold.

Weather 4/8
Cool sunny some wind.

Walt Butts

 4/22/09

9:10 Chris arrive, sign-in at front desk

9:20 open MW-1, MW-2, MW-3, MW-4, MW-5, PZ-2A, PZ-2B, PZ-3 allow 15 mins to equilibrate

9:50 Water Level continues to be even when not in well

				Elev
MW-1	15-20	1.38	172.00	170.62
MW-2	25-30	1.67	171.21	169.63
MW-3	15-20	1.58	171.13	169.55
MW-4	15-20	2.02	171.56	169.54
MW-5	15-20	1.06	170.42	169.36
PZ-2A	13.5-14.5	2.69	5.06	
PZ-2B	5.5-6.5	4.75	3.43	
PZ-3		0.64		

10:00 Call Walt about water level indicator issues. He suggests lowering it to 10ft and mark where water comes up.

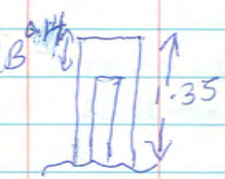
Water level indicator decides to work except in PIEZ-2A because it touchs the metal rod

 4/22/09

10:10 PZ-2A Drop water level indicator to 10ft water came up to 7.09ft

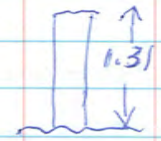
water level 2.69ft

10:15 PZ-2B



water level 4.75 ft

10:20 PZ-3



water level 0.64

10:45 Return visitor badge
Depart site

B2. FIELD EVENT #2 FIELD NOTES

10/26/09 Eaton Selma cloudy

8:30 SJ and JKM leave office

9:40 Arrive onsite. KCI already here. Mark Geoprobe locns w/ Flags

10:15 Go over H&S Plan - sign traffic soil contam

10:30 SJ setups on GP-19

10:45 lithol.

0-2	6" soil, orang-gray clay
2-4	orange → gray clay
4-6	sandy clay to 7' falls apart
6-8	last foot more clay
8-10	orange-gray sand wet
10-12	some clay 1st ft then sand wet

SJ calibrated MiniRAE 3000

PID

0-2	0.2 ppm
2-4	1.4
4-6	14.9 ppm
6-8	5.4
8-10	56.6
10-12	199.0

Eaton Selma 10/26/09

11:15 Collect GP-19 4-6'

11:30 Begin GP-20

lith

0-2	Soil then clay
2-4	Sandy clay
4-6	Sandy clay to 7'
6-8	Clayey sand
8-10	Sandy clay (more sand than above)
10-12	" Sand @ 11 ft

11:45 Complete GP-20

PID

0-2	6.6 ppm
2-4	6.8
* 4-6	25.0
6-8	60.2
8-10	147
10-12	342

Collect GP-20-4-6

12:05 Try to set rig up on GP-21 but its too shrubby.

Sean begin to hand auger

Eaton Selma 10/26/09

GP-21

0-2 soil then clay
2-4 clay w/ sand
4-6 "
6-8 " to 7' then more clayey sand
8-10 clayey sand more stiff
10-12 sandy at ~10'

12:43

PID

0-2	8.3	ppm
2-4	10.4	
4-6	41.0	
6-8	13.2	
8-10	8.2	
10-12	159.1	

12:47 Collected GP-21-4-6 rename HA-21-4-6 on 10/27

SJ begin GP-22

0-2 1ft recovery - soil
2-4 clay moist - wet slt odor
4-6 stiff clay - dry odor
6-8 sandy clay - strong odor
1:00 8-10 orange sand w/ clay lens 8.5-9'
10-12 gray sand w/ minor clay

Eaton Selma 10/26/09

13:07 begin PID readings

0-2	1.6	ppm
2-4	6.8	
4-6	8.2	
6-8	21.6	
8-10		
10-12		

13:15 Sample GP-22-6-8

13:20 Setup + begin GP-23

Lith

0-2	coarse sand to 3' some gravel
2-4	clay @ 3' moist
4-6	tight clay minor sand dry
6-8	" "
8-10	" interlayered clay + sandy clay
10-12	" " yellow coarse sand @ 11ft

PID

0-2	0.4	ppm
2-4	1.4	
4-6	1.6	
6-8	1.4	
8-10	1.7	
10-12	12.8	

14:05 Collect GP-23-4-6
move to location GP-24

Eaton Selma 10/26/09

1410 Begin lith & PID

lith
0-2 1' soil, gray dry silt fissil
2-4 " ~~more~~ less fissil w/ depth
4-6 silty clay gray dense
6-8 silty clay gray dense moist
8-10 8-9 clay dense, more sand w/ depth
10-12 sandy clay to 11' then coarse sand. wet

PID
0-2 0.8 ppm
2-4 0.7
4-6 2.6
6-8 5.9
8-10 14.0
10-12 19.3

14:38 Sample GP-24-4-6
Move over to GP-25

1448 Begins to rain

lith
0-2 gray fissile silt after 1' soil
2-4 gray silt w/ dense clay begins
4-6 clay
6-8

Eaton Selma 10/26/09

PID
0-2 1.2 ppm
2-4 0.7
4-6 2.0
discontinued said PID readings

15:05 collected GP-25-4-6

tidied up area due to rain

15:25 Janet goes to look for Arcadis wells

"AMW-145"
Exxon Mobile
reg. no. 2973
7/29/09
TD = 24'
SI = 14-24'

Seems to be exact loc of our proposed mw. Across from drive on W side of creek ∴ N side of culvert

Eaton Selma 10/26/09

AP2-01
n of AMS-14S
reg. no. 2973
7/29/09
TD = 22'
SI = 12-22'

located across from lower 1/4
of bldg ~ 50'-~~75~~' from rd

does not say Exxon Mobil

ATW-14
East of site + ~100' N
Info tag is missing

AMW-12S across from drive?
Exxon Mobil SW of ATW-14
reg no. 2973 ~50 yds
4/29/09
TD = 23
SI = 13-23

Eaton Selma 10/26/09

All are stick up in black steel cover
2"

AMW-9SR #2973
Exxon mobile
to the south + farther inland
likely back from AMW-14S
TD = 18'
SI = 8-18'
I 95 nearby to So.

AMW-11S #2973 Exxon
TD = 22'
SI = 12-22
7/29/09
to left of power line across from
site + closer to Preston

NE of site ATW-13 + inland
no tag

AMW-16S Exxon
TD = 16'
SI = 11-16
7/29/09 near Preston N of site

16115

Eaton Selma 10/26/09

All temp wells filled w/ sand to 1' above screen then filled w/ bentonite seal

All wells developed w/ low purge.

16:20 depart site - still raining

17:15 arrive at office, unload truck

jm

Eaton Selma 10/27/09

Day 2 SJ & RM

overcast, cool

7:40 Leave office
get gas & ice

8:40 Arrive onsite - set up on GP-20

8:45 Take photos of Exxon MW for reference + SW / stormwater outfall + creek:

Photo 1 AMW-16S looking E toward Preston

Photo 2 looking downstream of Bundy Creek at "culvert" exit

Photo 3 looking N at SW outfall
Note water is not flowing
sm fish are in ponded water

Photo 4 looking E at GPs 19-23
Piezos from 4/09 to left near building

Eaton Selma 10/27/09

9:05 GP-26 on front lawn

lith 0-2 6" Soil, gray fissil silt dry
2-4 orange clay to 3.5', gray silt dry
~~9:2 pm~~ 4-6 0.5 gray silt then clay or-gray
9:15 ▽? 6-8 clay - moist at 8' ~~moist water at 8'~~ pm
8-10 wet Interlayered silty + f. sandy clay
10-12 wet!! " 11-12' ~~coarse~~ med-coarse sand

9:22 PID 0-2 0.4 ppm
2-4 0.1 ↓ bag not sealed?
4-6 2.6
6-8 18.4

9:26 Collect GP-26-6-7
Sean moved to GP-27 (new pen)

9:45
lith 0-2 6" Soil to silty clay
2-4 dense orange clay
4-6 4-5' gray silt fissil, orange gray clay
▽? 6-8 or-gray clay, dense, moist nr 8'
wet 8-10 clay to 9' then fine sandy clay / cl Sand
" 10-12 clayey sand to 11' then med sand

Eaton Selma 10/27/0

9:56 PID ppm
0-2 0.1
2-4 0.1
4-6 0.1
6-8 0.3 ↓

10:02 collect GP-27-6-7

10:12 complete all Geoprobe work prepare for HA borings in rural area to East

10:28 Set up on HA-28 measured it to be 55' from eastern Stream bank

lith 0-2 gray-or clay dry
2-4 gray clay moist
4-6 orange clay stiff
6-8 "
10:45 8-10 " less dense, crumbly
10-12 " " "
doesn't seem to be moist
▽? continue augering
12-14 sandy clay / cl Sand wet

Eaton Selma 10/27/09

PID	0-2	0.2	ppm
	2-4	0.4	↓
	4-6	0.1	
	6-8	0.2	
	8-10	0.1	
	10-12	0.2	

11:22 Collect HA-28-6-8
move to HA-29 farther South
Set TMW at 16' w/ 10' Screen

11:50 Set up on HA-29 in brush ~45' directly E of road on W side of creek

Lith	0-2	orange/gray clay dry crumbly
	2-4	" "
	4-6	more gray " " "
	6-8	more orange clay stiff moist ?
	8-10	gray-white very stiff, plastic moist
	10-12	gray clay to 11' then orange sandy clay or clayey sand moist not wet
	12-14	light gray plastic clay to ~13' clayey sand gray wet
	14-16	interlayered clays + sandy clay

Eaton Selma 10/27/0

12:30	0-2	0.0	ppm
PID	2-4	0.0	↓
	4-6	0.0	
	6-8	0.0	
	8-10	0.1	

12:33 collect HA-29-8-10

12:45 collect HA-29-DUP
Set TMW-29 at 16' w/ 10' Screen

12:53 Begin developing HA 28

turb.	time	pH	cond	T	ORP
>1000	1310	3.69	1938	18.5	365
>1000	1315	3.68	2980	18.4	365
500	1320	3.67	3060	18.3	370

13:20 Collect TMW-28
13:28 Collect DUP-1

13:30 Collect Sediment Sample and surface water sample on the E side of Preston. No apparent streamflow, but bed was dry yesterday

Eaton Selma 10/27/09

1337 Collect SW-1

1340 collect SED-1

TMW-29 200 ml/min w/ P. pump

Time	pH	cond	Temp	orp	Turb
1345	3.78	1485	18.7	390	505
1350	3.79	1489	18.6	392	486
1355	3.81	1495	18.5	395	475

1400 Sampled TMW-29

1410 Abandon TMWs 28 + 29 by filling w/ bentonite

1415 Set up on TMW-27 begin pumping

Eaton Selma 10/27/09

Time	pH	cond	temp	ORP	Turb
1420	3.77	1627	19.5	105	1000
1425	3.73	1649	19.9	115	850
1430	3.73	1440	19.8	119	550

14:32 Sample TMW-27

14:40 Abandon TMW-27 w/ bentonite

pack up sampling equip

1500 RB-1 collected using PVC sleeve

1508 Fill out COCs

1510 Collect IDW-S TCLP Metals + VOCs

1520 Closed up drum of soil - 3/4 full labeled.

1525 FB-1 collected

1530 Leave site

1615 Arrive office

S. Jones
70°-Rain

10/28/09 EAton - Selma

7:35 Depart office
8:05 Arrive on-site. Sign HASP

Formation of well (well construction log)

well	WL (ground level) - initial	TD	10/26 - 10/27 Screen	Sand	Bent
GP-19	7.51'	12.0'	10'	12-7.5' lbs	2-0'
GP-20	7.44'	12.0'	10'	12-7.5'	2'-0'
~~HA~~ 21	7.50'	12.0'	10'	12-7.5'	2'-0'
GP-22	7.65'	12.0'	10'	12-7.5'	2'-0'
GP-23	7.24'	12.0'	10'	12-7.5'	2'-0'
GP-24	7.68'	12.0'	10'	12'-7.5'	2'-0'
GP-25	7.94'	12.0'	10'	12-7.5'	2'-0'
GP-26	7.51'	12.0'	10'	12-7.5'	2'-0'
GP-27	7.84'	12.0'	10'	12-7.5'	2'-0'
HA-28	7.51'	16.0'	10'	16-5'	5'-0'
HA-29	7.84'	16.0'	10'	16-5'	5'-0'

* All wells have ≈ 2' risers above ground

8:35 Calibrated meters
Noticed an additional 2 drums stored to right of mw-2. Labeled IDW-Water 4/8/09 & Soil 4/7/09.

10/28/09 6010 T-5 EAton Selm

TMW-19 w/ P.pump 200 ml/min

Time	pH	cond	Temp	orp	Turb
8:45	4.97	169	21.0	-203	> 1000
8:50	5.02	170	21.1	-191	364
8:55	5.05	171	21.1	-183	360

9:00 Sampled TMW-19

TMW-20 w/ P.pump 175 ml/min

Time	pH	cond	Temp	orp	Turb
9:10	4.98	181	21.2	-401	210
9:15	5.01	181	21.2	-398	190
9:20	5.04	182	21.3	-395	184

9:25 Sampled TMW-20

TMW-21 150 ml/min w/ P.pump

9:30	4.72	4.71	20.8	284	134
9:35	4.74	4.72	20.7	291	89
9:40	4.76	4.74	20.7	296	67

9:45 Sampled TMW-21

10/28/05 6010

TMW-22 150 ml/min w/ P.pump

Time	pH	Cond	Temp	ORP	Turb
955	4.83	376	22.3	-402	64
1000	4.85	378	22.2	-406	51
1005	4.87	379	22.1	-412	43

1010 Sampled TMW-22

TMW-23 150 ml w P.pump

1015	4.97	151	23.3	-149	66
1020	4.97	152	23.2	-151	54
1025	4.98	152	23.3	-154	48

1030 Sampled TMW-23

TMW-24 150 ml/min w/ P.pump

10:40	4.45	552	20.6	-106	48
10:45	4.47	553	20.5	-108	45
10:50	4.51	554	20.5	-110	39

10:55 Sampled TMW-24

10/28/05 6010

TMW-25 175 ml/min w/ P. pump

Time	pH	Cond	Temp	ORP	Turb
11:10	3.93	2370	20.6	21	47
11:15	3.94	2360	20.6	19	34
11:20	3.95	2350	20.5	17	28

11:25 Sampled TMW-25

TMW-26 175 ml/min w/ P.pump

~~1135~~ si Abandoned MW-23 with bentonite
~~1140~~ si & applied Asphalt patch so
~~1145~~ si employee can use parking-lot.

1140 TMW-26 175 ml with P.pump

~~1150~~ si ~~Sampled TMW-26~~

1145	3.91	1910	20.5	-156	145
1150	3.92	1920	20.6	-161	91
1155	3.93	1920	20.5	-164	84

12:00 Sampled TMW-26

10/28/09 6010 Selma - Eaton

12:05 Collected IDW-GW for IDW - ground water & wash water. Secured soil & H_2O Drums Labeled Non-HAZ.

** Total of 4 drums on-site, 2 soil, 2 water. 2 drums generated during oct-09 event = 1/4 full - water
3/4 full - soil

Drums generated 4/7/09
soil ≈ 1/2 full
H_2O ≈ 1/4 full
- may want to combine before disposal

1240 All wells Abandoned to surface with Bentonite chips.

1245 off-site for day.

SEO

IDW Disposal (Duane)

12/3/09 6010 Eaton Selma
1000 Depart office
1050 Arrive on site, EVO already on site with drums loaded
1052 Sign Manifest for IDW Drums
1055 Depart site with EVO
1139 Arrive at office

CLD

B3. FIELD EVENT #3 FIELD NOTES

7/17/10 6010 Eaton Selma KD, JKM

7:20 Leave office, get gas

8:10 Arrive onsite. Check in front office to meet Vicki Shove. She's not in today. Drive site

8:50 Call drillers, not here yet. Walk the site + review locations

9:30 Drillers arrive - discuss scope + show them a couple obscured locations. "Kevin"

10:10 Set up

10:30 Calibrate TVA-1000 (Thermo Scientific) according to instructions methane cannister was empty.

11:10 Start up rig at RC-1 pm 3 4 1/4" augers

Refer to boring log for lithology. Advance split spoon 2'

7/12/10 6010 Eaton Selma KD, JKM

cloudy

		blow cts	
11:35	at 10'	8	6"
	Photo 1 - rig	5	6"
	Photo 2 - rig	6	6"
	moist/wet at ~7'		
11:45	at 15'	5, 16, 18, 16	
12:00	at 20		
12:10	at 25	soupy at 24' still in coarse sand	
12:30	leave site for lunch		
13:15	return + resume augering RC-1		
13:23	at 30'		
13:35	at 35'	clay-silt contact at ~37'. Both gray.	
	but gravel/		
	Photo #3 of contact		
14:00	at 40'		
14:20	Gravel sloughing into spoon. Mixing slurry to hold gravel + sample clay		

7/12/10 6010 Eaton Selma KD, JKM

cloudy
breezy

1443 at 45'

1500 Janet leave site
Kathryn continue

1630 63 feet - hit bedrock
drillers take out split spoon
sampler, etc.

1730 complete pulling spoons up.
near thunderstorm decide
to stop for the day

1750 offsite

1830 drive in Raleigh

KDH 7/12/10

KDH 6010 Eaton Selma 7/13/10

cloudy
breezy

0645 Depart Raleigh

0735 drive c site; drillers on site

0800 Begin coring/drilling

80 Photo 4 - driller + rig - coring

830 Recovered first 5ft (or 4ft recovery)
~~63~~ 64' - 69'
Photos 5, 6, 7, 8 - of the rock core.

900 Photos 9, 10, 11 - of rock core
Recovered the rest -
69-74 feet,

912 Spoke w/ Janet M (PM) and
told her about the core

930 Drillers begin pulling up augers,
deconing, etc.

1130 complete abandoning of RC-1.

6010 Eaton - Selma 7/13/10

1200 offsite for lunch

1245 Back onsite

1430 Set up on RC-2
Begin drilling

1730 Complete 40 feet for the day.

1750 offsite

1830 Back in Raleigh

7/13/10

KDoll

600 Eaton- Selma 7/13/10

0645 Depart Raleigh

0730 Arrive on site

0750 Begin drilling RC-2 (pick up where we left off)

0830 Hit refusal at 55'
0845 begin coring 55-60

0930 Wasn't able to recover any competant rock from 55-60 ft

1000 Resume drilling from 60-65

1030 Recovered 2ft from 60-65

1050 Recovered 5ft from 65 to

1100 Need H_2O for truck to core 2 more feet

1145 offsite for lunch

KDoll

6010 Caton

1245 Back onsite

1330 Completed 70-72 core

1345 Begin cleaning up

1440 New drill rig arrives

1530 KDoll offsite to get ice

1545 KDoll back on site KDoll moves to set up on SB-35

1650 KDoll collects SB-35 (4-6)

1700 Drillers called SB-34

1730 KDoll collects SB-34 (4-6)

1745 offsite

1830 Back in Raleigh

6010 Caton Selma 7/15/10

0645 Depart Raleigh

0730 Arrive on site; Brad Elkins and Jessica Keever also on site

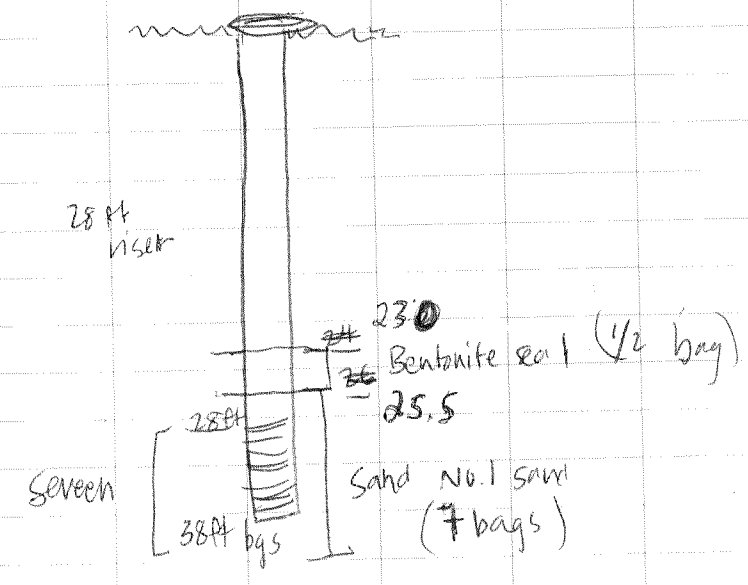
0740 Drillers arrive, begin setting up on MW 9

0800 Begin drilling MW-9

1000 Drilled down to ~~38~~ 36ft - tagged the confining/silt unit at 38 feet spoon.

~~1015~~

MW-9 : Construction details



KDM JKeener, B. Elkins
6010 Eaton Selma 7/15/10

1140 offsite for lunch

1230 Back onsite

1300 drillers back onsite; begin grouting well

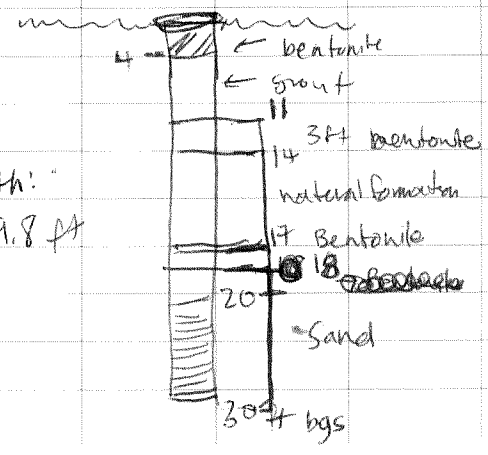
1400 TD - 38.75' bgs
WL - ~~10.3~~ 5.9' bgs
after grouting

1430 Finish deconing -

1445 Begin ~~MW-9~~ MW-8. Decided to change from continuous to no samples after

1630 Begin setting well @ 30 feet. the water table.

MW-8



Total Depth:
29.8 ft

6010 Eaton Selma 7/15/10

1645 hole collapsed after one ft of bentonite (17 ft). put 3 feet of Bentonite from 14 - 11 ft bgs.

1730 depart site; will grout MW-8 in the AM

1815 Back at office.

Kathy Cey

7/16/10 Caton Selma KNoll B. Elkins

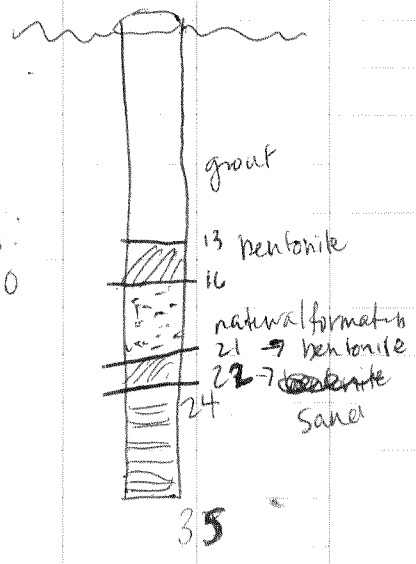
0645 Arrive ~~at HQ~~ at office. Depart.

0730 Arrive at site

0735 Drillers arrive.

0800 Finished grouting MW-8
0830 Begin MW 11
1030 Augered down - hit clay/saprolite layer at 35 feet - will set well at this depth

MW-11



Total Depth: 35.40

7/16/10 Caton Selma KNoll B. Elkins

1215 Offsite for lunch

1300 Back onsite

1330 Finished grouting MW-11. tried to finish grouting MW-8 but the grout takes the preferential pathway towards the sewer line. Will chip the remaining 4 ft to ground surface

1400 Begin SB-33

1430 Collected SB-33 (68 ft - had highest "hit" on PID

1440 Begin SB-32

1600 Collected SB-32 (6-8)
1515 Drillers finish clearing MW access
1530 offsite

1600 Back at office

KNoll 7/16/10

7/19/10 Eaton Selma KDoll B Elkins

0630 Arrive at office; pack

0700 Depart office

0740 Arrive on site; Brad sets up prezometers

0745 Drillers arrive

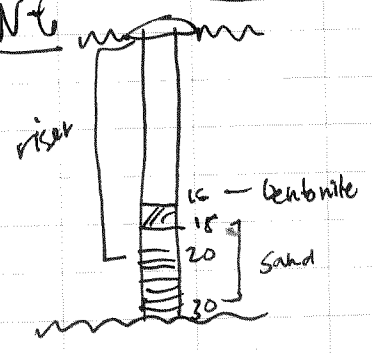
0800 Start MW-6; Brad ~~set~~ installs DP-1 - 5ft bgs

1010 KDoll collects MW-6 (6-8) - PID reads 10.1 ppm

1030 Drillers complete drilling well MW-6 set at 30 ft bgs. - 10ft Screen

Construction details

MW-6



7/19/10 Eaton Selma KDoll B. Elkins

1045 B Elkins installs DP-2 to 4.5' bgs

1110 Drillers complete well MW-6

1125 off site for lunch

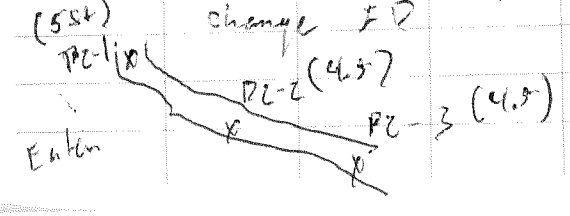
1215 Back on site. Drillers grout MW 6

1300 Drillers began decoring, set up on SB-30.

1330 KDoll calls J MacDonald (PM) to ask about sampling SB-30 from (6-8 ft) (Which could be saturated) or 4-6 feet

1350 J MacDonald calls back and says to collect sample from 4-6 feet

1410 Brad install last piezometer (5.5ft) change ID



7/19/10 Eaton Selma — kwoll

1415 Set up on SB-31

1430 Scan SB-31 w/ PID

	PID	
SB-31 (0-2)	0.8	ppm
SB-31 (2-4)	8.8	"
SB-31 (4-6)	3.4	"
SB-31 (6-8)	29.2	"

1455 Samples SB 31 (4-6)

	PID	
SB-36 (0-2)	6.2	ppm
SB 36 (2-4)	7.5	ppm
SB 36 (4-6)	6.0	ppm
SB 26 (6-8)	3.0	ppm

1500

1525 Samples SB-36 (4-6)

550 Begin development of MW-8
pH 6.42

1630 Complete Development of MW-8 - remove ~40 gallons

645 Begin development of MW-9

7/19/10 Eaton Selma — kwoll

1730 Complete development of MW-9 offsite - 55 gallons

1815 Back at office

7/19/10

7/20/10 Eaton Selma KPOH BEllkins

0630 Arrive at office, fill out COC

0700 Depart office

0740 Arrive on site
0800 Drillers begin MW-7
0815 Brad checks wl in DP-1,2 & 3

DP-1 3.4 ft
DP-2 6.9 ft
DP-3 6.95 ft
0900 Collected MW-7 (4-6) ft
Will check in w/ Janet
0928 MW-6 28.9 ft bgs total depth
0930 Brad talked to Janet
about piezometer depth
Brad will attempt to drive
DP-2 & 3 to 5 ft.
1000 Brad pushed DP-2 & 3 down
additional 6" for a final depth
of 5 ft bgs

1030 complete drilling of MW-7
& see diagram on other page

7/20/10 Eaton Selma KPOH BEllkins

1045 Began well development on MW-11.

1200 Complete well development on MW-11
leave for lunch - removed 55 gallons
1245 Back from lunch

1300 grab samples from roll-off

1330 Collects IDW-1 from roll-off

1335 Collects IDW-2 from roll off

1400 Drillers decon rods

1415 KPOH spoke w/ Jody Overmyer
about MW-10, took pictures + drew
map of utility lines

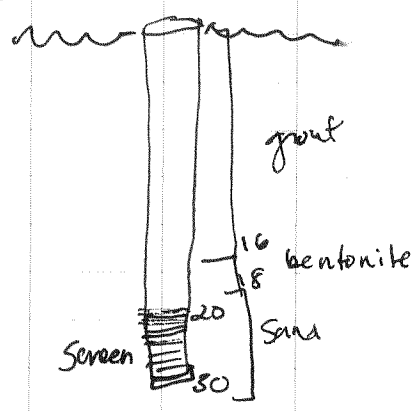
1430 Drillers began well development
on MW-6 and complete pad

1630 Complete MW-6 development -
remove 55 gallons

Eaton Selma

MW-7 : Construction details

K Boll
B. Elkins 7/20/10



1700 Start pad on MW-6

1730 Complete pad offsite

1815 arrive at office

Kathryn Boll 7/20/10

7/21/10 B. Elkins 6010 Eaton

0640 Depart office

0725 arrive on site, sign Hasp

0750 WL in MW-7 9.91 TOC
6.75 bgs

0755 Start development of MW-7
& pad on MW-9

905 complete development of MW-7
& pad MW-9

910 begin pad MW-7 & MW-11
950 complete pad MW-7 & MW 11

1000 PW packing up supplies
and offsite
Solvents - EES off site

1015 Arrive at office

BE

7/28/10 6010 B. Elkins

745 Depart office

820 stop for ice/water

835 met KCI on site
Sign HASP
locate all survey points

900 open wells

920 WL to ft
DP-1 Dry - Stream is Dry
DP-2 Dry
DP-3 Dry
MW-4 7.66
MW-7 10.78
MW-8 7.23
MW-9 9.05
MW-6 10.13
MW-2 7.45
MW-1 8.53
MW-5 4.57
MW-11 4.35
MW-3 7.15

940 Calibrate meters

7/28/10 6010

945 Set-up on MW-4

1030 collect MW-4

1050 Set-up on MW-8
1110 surveyors off site (KCI)
1200 collect MW-8

1215 Set-up on MW 9
1250 collect MW-9 - 1245 Field Blank

1310
1400 Set-up on MW-7
1405 collect MW-7

1420 Set-up on MW-6
1520 collect MW-6

1540 Set-up on MW-2
1610 Collect MW-2
& DOP-1

420 Depart site for day
515 Arrive at office for supplies
545 Arrive Home

7/29/10 6010 B. Elkins

640 Depart for site
735 stop for ice / water

750 Arrive on site
Calibrate meters
755 open MW-3

805 set-up on MW-3
815 collect RB ~~rinse~~ Blank
835 Collect MW-3
~~855~~
850 set-up on MW-11
945 collect MW-11

955 set-up on MW-1
1035 collect MW-1

1100 set-up on MW-5
1155 collect MW-5
White precipate on WL indicator
collected a sample
1230 depart site
315 Arrive at office

RC

B4. FIELD EVENT #4 FIELD NOTES

KDoll
5/4/11 6010 - Eaton - Selma W. Beckwith

0815 Depart office

915 Arrive on site; conduct HTS meeting

0930 Check in w/ JCI. Apparently there is a fundraiser event taking place at the site and in the vicinity of proposed MW-14. Called Sally Overmeyer (PM) and she said to hold off on installing MW-14 because it is in the way. Will speak with Vicki Shore (JCI) at 1000 to discuss the locations of the other MWs.

yes

0945 Mike w/ Geologic arrives on site. The rigs and rest of crew are on there way (got stuck at weigh station) should arrive ~45 min

5/4/11 6010 KDOH W. Beckwith

1000 Spoke with Vicki Shove. She said that MW-13 would be out of the way. We are going to try to position the drill rig at MW-15 to stay out of the way also. MW-14 will be installed at a later mobe.

1015 MW-7 - 5.60'

1045 GEX - 2nd crew arrives

1115 GEX - 3rd crew arrives

1130 set up on MW-15 - KRD will oversee installation
set up on MW-13 - VOB will oversee installation

offset MW-15 to be able to back drill rig in area

5/4/11 6010 KDOH W. Beckwith

MW-15 Type III - 5ft augers outer casing 8.25" ID 12.5" OD

Depth	description
0-2	top soil, sandy silt, dark brown, loose
2-4	sandy clay, wet, soft, light brown
4-6	red clay medium plastic medium stiff
6-8	sandy clay, moist, orange, medium plastic
8-10	yellow/orange clayey sand, saturated
10-12	" "
12-14	loose, wet medium grained sand, poorly sorted
14-16	loose wet yellow/orange fine sand
16-18	" "
18-20	wett ~~wett~~ poorly sorted medium to fine grained sand
20-22	" "
22-24	" "

5/4/11 6010 KBOH W. Beckwith

MW-15 (cont'd)

24-26 wet sand orange, loose poorly sorted
26-28 " "
28-30 " "
30-32 " "
32-35 Hit the silt stratum/saprolite (~~augers~~ getting harder to drill through)
37' - set outer casing

1300 - setting outer casing MW-15
1315 - Set MW-13
1330 offsite for lunch

1430 Back on site continue to set outer casing on MW-15
1530 Was able to only get OCasing to 36.5' - gravel was filling up in hole when trying to push PVC casing down hole

5/4/11 6010 KBOH W. Beckwith

1545 Begin grouting MW-15 & MW-13
1600 Developed MW-13 - pumped ~55 gallons
1645 Depart site
1730 Back @ office

5/5/11

5/5/11 6010 Kroll

0645 Depart Raleigh

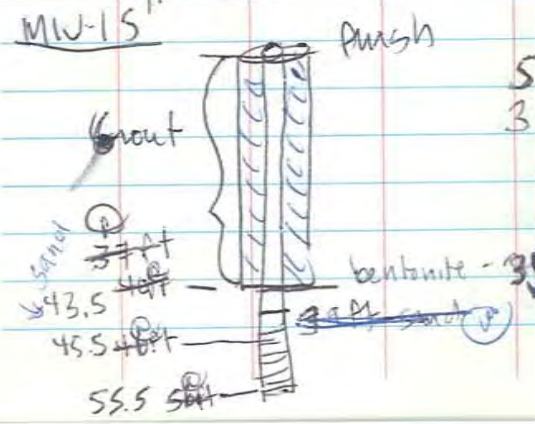
0730 Arrive onsite. GFX already here.
Grout in MW 15 was 3 ft down this morning

0815 Begin drilling Inner casing on MW-15 w/ mud rotary

0845 Drill Rods start shaking - getting harder at 45 ft

950 Hit hard, competant bedrock @ 56 ft - refusal)
TYPE III (55.5 ft)

MW-15



5 bags sand
3 bags bentonite

5/5/11 6010 Kroll

1000 Made divots in grass around well w/ bobcat. Will get grass seed and hay to fix it before we depart site.

1200 Spoke w/ Doug Baker (JR II) to tell him about the ruts from the bobcat and drill rig. He was not very concerned but I told him we would clean up the area best as possible

1245 Depart for lunch

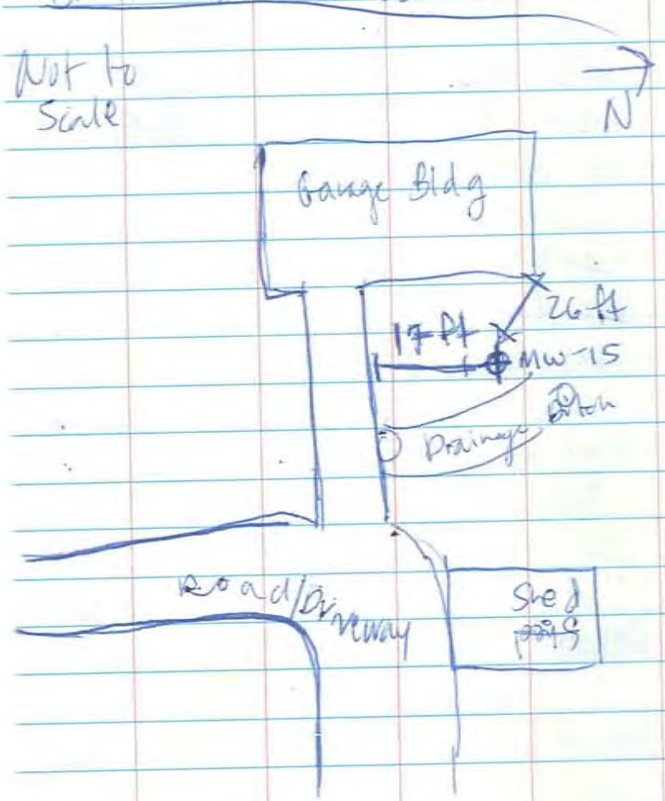
1330 Back on site

1400 Developing MW-15 - purged ~ 12 gallons - well went dry but water cleaned up after we pumped it after it recharged.

5/5/11 6010 RAD 11

Sketch - MW-15 Location

Not to Scale



1520 10 drums on site - 1 DW
Back corner parking lot
by trucks + pallets (see photo)

5/5/11 6010 RAD 11

Drum Log

	Material	Location	Volume
#1	Soil	MW-13	55 gal
#2	Soil	MW-15	55 gal
#3	Soil	MW-15	55 gal
#4	Soil	MW-15	55 gal
#5	Soil	MW-15	55 gal
7 ~~#6~~	Liquid (drilling)	MW-15	55 gal
6 ~~#7~~	H_2O (development)	MW-13	55 gal
#8	Liquid (drilling)	MW-15	55 gal
#9	Liquid (drilling)	MW-15	55 gal
#10	H_2O (development) + Decon Water	MW-15	~~1/4 full~~ 55 gal ~~12 gallon~~
#11	Plastic		

1515 spread hay around area (see photo)

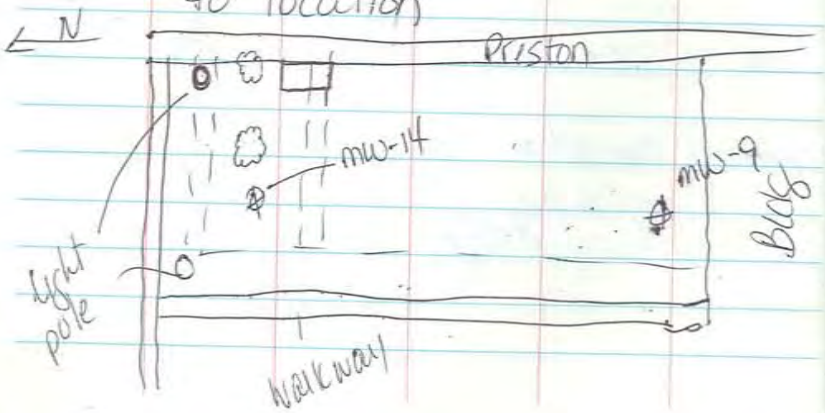
1600 GEX offsite - Solutions offsite

1630 Back @ office

5/5/11

6/9/11 GOID WELL INSTALL J. Keener
8:15 LV Raleigh
8:45 Arrive onsite, checkin @ front desk
9:40 Geologic ARRIVES
KCI not onsite, called main office but no answer
Shane's cell
414-3473
9:50 left message on Shane's cell
reviewed HASP
Set drill rig up in area that looks clear of underground utilities + will hand auger

10:00 KCI Arrives, pull Rig up to clear
10:30 Call Walt to confirm change to location



6/9/11 cont.
mw-14 cont.
10:35 KCI offsite
10:40 Geo driller arrives
set up mud pit + hand auger to 3' - mw-14 -
using Quik-Gel bentonite mud
12:30 Stop drilling @ 28 bgs
Clean out hole
12:45-1:15 lunch
1:15 begin drilling @ 28' bgs
hard layer from 30-31' bgs
then back to gravel
-35' hit harder layer + noticed color change to quenton-gray

- will set 6" PVC casing to 38 ft bgs
2:15 Begin grouting 6" casing
Borehole 9 5/8"

Clean up + secure drilling area
3:30 LV Site
4:00 Arrive in Garner

J. Keener

6/10/11 MW-14 Install. J. Keener

6:45 LV Garner

7:20 Arrive @ Site

7:25 Drillers arrive

- cement did not drop around casing

- review HASP; drillers move to decon

8:15 Begin drilling inside 6" casing. move drums from yesterday to staging area

8 ~~5~~ 5 drums of soil/mud water from 6/9/11.

51' bgs drilling becoming harder-slower

9:15 Refusal @ 57' bgs

will set screen -47-57' bgs

clean out hole

9:30 Begin setting well

sand - 1111 bags -44.5' bgs

bentonite chips - 2½ bags -36.5 ft bgs

10:00 Begin grouting well

6/10/11 CONT. MW-14 Install J. Keener

10:30 Begin well development

purged <20gal • well went dry. Water was still very turbid

- moved drums to staging area

1- soil ½ full

1- water 3/4 full

plus 4 full soil/water

- ~~23~~ total drums staged 24 (IX)

12:30 Finish setting well vault • clean up site

12:45 offite

1:15-1:45 lunch

2:15 Arrive @ office

J. Keener

6/27/11 6010 Eaton - Selma

S. Janak
J. Tiff 85°

7:05 Depart office - stop for ice

7:55 On-site. Open wells for gauging

Well	WL (TOC)	Well	WL (TOC)
MW-1	8.58	AP2-01	11.15
MW-2	7.59	AMW-11S	11.72
MW-3	7.43	AMW-12S	11.14
MW-4	7.82	AMW-16S	10.84
MW-5	6.93	AMW-17S	11.65
MW-6	10.26	AMW-18S	11.90
MW-7	10.94		
MW-8	7.36		
MW-9	9.03		
MW-11	6.62		
DP-1	DRY		
DP-2	DRY		
DP-3	DRY		
PZ-2A	9.14		
PZ-2B	DRY		
PZ-3	1.0'		
MW-13	10.32		
MW-14	7.53		
MW-15	8.00		

6/27/11 6010 Eaton Selma

9:40 Water levels complete. off-site for ice

9:52 Back on-site. Calibrate equipment to start sampling. See GWSC's.

10:50 Sampled AMW-12S

11:45 Sampled AMW-11S + DP-1

12:00 Put Trip blank in cooler

12:10 Collected FB-1 near MW-14 location with traffic on street

12:20 Collected RB-1 using new tubing

12:55 Sampled MW-14, Put new lock on

13:05 Disposed of purge H_2O

13:45 Sampled MW-15

14:35 Sampled MW-13

6/27/11 Cloud Rain 70°

1445 Disposed of purge H2O.

Arcadis sampled MW-4. off site for dg.

5 wells, 1 Dup, 1 RB, 1 FB, 1 TB for dg. Dup stored with other. Labeled - UMV- HAZ purge H2O, Eaton - Selma, 6-27-11

1450 off-site for dg

1540 Arrive at office

6/28/11 Cloud J. Jamal J. Doe

7:05 Depart office, Dep for Job

8:00 Arrive on-site. Sign HASP, Continue sampling for GUSCD

920 Sampled AMW-16S

1015 Sampled AP7-01

1050 Sampled AMW-17S

1150 Sampled AMW-18S

1210 Collected IDW-soil from MW-13*

1230 collected IDW-Water from MW-13

* Held TCLP for soil on COC

1235 Labeled Drum at IDW (≈1/5 full) all wells secured.

1240 off-site for dg

1745 Arrive at office to demob

APPENDIX C

SITE PHOTOGRAPHS

C1 Field Event #1 Site Photographs
C2 Field Event #2 Site Photographs
C3 Field Event #3 Site Photographs
C4 Field Event #4 Site Photographs

C1. FIELD EVENT #1 SITE PHOTOGRAPHS

Appendix C1 – Field Event #1 Photo Documentation

Photograph 1 – Facing south, looking at the north side of the facility from the adjacent property. Standing water is due to very poor surface drainage.

Photograph 2 –Wetland-type areas within the central wooded portion of the property (west of the study area).

Photograph 3 –Facing east. Wetland-type drainage is impeded by soil piles.

Photograph 4 –Parking lot within the south central portion of the property. This is the highest elevation of the developed portion of the property.

Photograph 5 – Drainage from south side of parking lot shown above, flowing to the south.

Photograph 6 – Drainage to the east along the south property boundary. The trees are within the subject property.

Photograph 7 – Drainage to the east along the south property boundary.

Photograph 8 – Facing south of the drainage ditch along East Preston Street. The ditch receives drainage from the south side of the site. The ditch drains toward the viewer.

Photograph 9 – Shallow drainage ditch along north end of rear parking lot. Wetland-type areas are to the right approximately 100 feet beyond the woods line.

Photograph 10 – Drainage to the north through the center of the site. Roof drains are adjacent to the rear of the building and also drain to the north and tie in north of the oil storage building.

Photograph 11 – The same area shown in the photograph above from the wood storage building vicinity. Roof drain line is beneath the cyclone separator

Photograph 12 – From the wood storage building facing south. The ditch shown in Photograph 11 turns to the east at this location.

Photograph 13 – Facing west. Small drainage swale extending along the property line to the west. It ties into the ditch shown in Photograph 12.

Photograph 14 – Facing west from East Preston Street. The storm drain extends from the catch basin to between the building and the dumpster in the background. There are multiple catch basins along this section. The sanitary sewer also runs to the west.

Photograph 15 – Outfall from storm drain at edge of East Preston Street, facing north.

Photograph 16 – Canal extending to the northwest through the adjacent property. The canal is piped under East Preston Street and continues to the southeast.

Photograph 17 – Roadside ditch on east side of East Preston Street, facing north.

C2. FIELD EVENT #2 SITE PHOTOGRAPHS

Photograph 1 – Looking west from north of the Former Oil Storage Building

Photograph 2 – Outfall from storm drain at edge of East Preston Street, facing northwest.

C3. FIELD EVENT #3 SITE PHOTOGRAPHS

Photograph 1 – View of drill rig operations at RC-1 (looking west).

Photograph 2 – View of rock core drilling at RC-1 (facing east).

Photograph 3 – View of DP-1 located in Bawdy Swamp Creek (facing northeast).

Photograph 4 – View of completed stick-up well MW-6 (facing north).

Photograph 5 – View of rock cores from RC-1 (top row) and RC-2 (two bottom rows).

Photograph 6 – View of rock core from RC-2.

C4. FIELD EVENT #4 SITE PHOTOGRAPHS

Photograph 1 – View of drill rig operations at MW-15 (looking west).

Photograph 2 – View of drilling at MW-13 (facing north).

Photograph 3 – View of completed stick up well MW-13 located on NSEW property (facing north)

Photograph 4 – View of drilling stick-up well MW-14 (facing west).

APPENDIX D

WELL CONSTRUCTION RECORDS

D1	Field Event #2 Well Construction Record
D2	Field Event #3 Well Construction Record
D3	Field Event #4 Well Construction Record

D1. FIELD EVENT #2 WELL CONSTRUCTION RECORD

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3515

1. WELL CONTRACTOR:

Sean Jarvah
Well Contractor (Individual) Name

Solutions-IES
Well Contractor Company Name

1101 Nowell Road
Street Address

Raleigh NC 27607
City or Town State Zip Code

(919) 873-1060
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# WM0500711

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) TMW-19

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐ Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐ Irrigation ☐ Other ☑ (list use) Temporary mont. well

DATE DRILLED 10/26/09

4. WELL LOCATION:

1100 East Preston Street, 27577
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)

☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other

LATITUDE 35 ° 31 ' 35.3700 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 17 ' 2.9800 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑ GPS ☐ Topographic map

(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name Facility ID# (if applicable)

1100 East Preston Street
Street Address

Selma NC 27577
City or Town State Zip Code

Vicky Shore
Contact Name

1100 East Preston Street
Mailing Address

Selma NC 27577
City or Town State Zip Code

(919) 743-8700
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 12.0

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 9.51 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 2.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 2	Ft. 1"	SC 40	PVC
Top	Bottom	Ft.		
Top	Bottom	Ft.		

8. GROUT:

Depth		Material	Method
Top 0	Bottom 1	Ft. Bentonite	Pour
Top	Bottom	Ft.	
Top	Bottom	Ft.	

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 2	Bottom 12	Ft. 1" in.	.010 in.	PVC
Top	Bottom	Ft. in.	in.	
Top	Bottom	Ft. in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 1	Bottom 12	Ft. #2	Torpedo Sand
Top	Bottom	Ft.	
Top	Bottom	Ft.	

11. DRILLING LOG

Top	Bottom	Formation Description
0	4	Orange and gray clay
4	7	Orange and gray sandy clay
7	8	Orange and gray clay
8	11	Orange and gray sand
11	12	Orange and gray sandy clay

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Sean Jarvah 11-11-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Sean Jarvah
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3515

1. WELL CONTRACTOR:

Sean Jarvah
Well Contractor (Individual) Name

Solutions-IES
Well Contractor Company Name

1101 Nowell Road
Street Address

Raleigh NC 27607
City or Town State Zip Code

(919) 873-1060
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# WM0500711

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) TMW-20

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation☐ Other ☑ (list use) Temporary mont. well

DATE DRILLED 10/26/09

4. WELL LOCATION:

1100 East Preston Street. 27577
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐Slope ☐Valley ☑Flat ☐Ridge ☐Other

LATITUDE 35 ° 31 ' 35.3200 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 17 ' 2.7300 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑GPS ☐Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name Facility ID# (if applicable)

1100 East Preston Street.
Street Address

Selma NC 27577
City or Town State Zip Code

Vicky Shore
Contact Name

1100 East Preston Street
Mailing Address

Selma NC 27577
City or Town State Zip Code

(919) 743-8700
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 12.0

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 9.44 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 2.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

	Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 2	Ft.	1"	SC 40	PVC
Top	Bottom	Ft.			
Top	Bottom	Ft.			

8. GROUT:

	Depth		Material	Method
Top 0	Bottom 1	Ft.	Bentonite	Pour
Top	Bottom	Ft.		
Top	Bottom	Ft.		

9. SCREEN:

	Depth		Diameter	Slot Size	Material
Top 2	Bottom 12	Ft.	1" in.	.010 in.	PVC
Top	Bottom	Ft.	in.	in.	
Top	Bottom	Ft.	in.	in.	

10. SAND/GRAVEL PACK:

	Depth		Size	Material
Top 1	Bottom 12	Ft.	#2	Torpedo Sand
Top	Bottom	Ft.		
Top	Bottom	Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
0	6	Orange and gray sandy clay
6	8	Orange and gray clayey sand
8	10	Orange and gray sandy clay
10	12	Orange and gray sand

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Sean Jarvah 11-11-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Sean Jarvah
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3515

1. WELL CONTRACTOR:

Sean Jarvah
Well Contractor (Individual) Name

Solutions-IES
Well Contractor Company Name

1101 Nowell Road
Street Address

Raleigh NC 27607
City or Town State Zip Code

(919) 873-1060
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# WM0500711

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) TMW-21

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation☐ Other ☑ (list use) Temporarv mont. well

DATE DRILLED 10/26/09

4. WELL LOCATION:

1100 East Preston Street. 27577
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐Slope ☐Valley ☑Flat ☐Ridge ☐Other

LATITUDE 35 ° 31 ' 35.6200 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 17 ' 2.3200 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑GPS ☐Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name Facility ID# (if applicable)

1100 East Preston Street.
Street Address

Selma NC 27577
City or Town State Zip Code

Vicky Shore
Contact Name

1100 East Preston Street
Mailing Address

Selma NC 27577
City or Town State Zip Code

(919) 743-8700
Area code Phone number

6. WELL DETAILS:

a. TOTAL DEPTH: 12.0

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☑

c. WATER LEVEL Below Top of Casing: 9.50 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 2.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): N/A **METHOD OF TEST** N/A

f. DISINFECTION: Type N/A **Amount** N/A

g. WATER ZONES (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 2	Ft. 1"	SC 40	PVC
Top	Bottom	Ft.		
Top	Bottom	Ft.		

8. GROUT:

Depth		Material	Method
Top 0	Bottom 1	Ft. Bentonite	Pour
Top	Bottom	Ft.	
Top	Bottom	Ft.	

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 2	Bottom 12	Ft. 1" in.	.010 in.	PVC
Top	Bottom	Ft. in.	in.	
Top	Bottom	Ft. in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 1	Bottom 12	Ft. #2	Torpedo Sand
Top	Bottom	Ft.	
Top	Bottom	Ft.	

11. DRILLING LOG

Top	Bottom	Formation Description
0	6	Orange and gray sandy clay
6	10	Orange and gray clayey sand
10	12	Orange and gray sand

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR 11-11-09 DATE

Sean Jarvah
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3515

1. WELL CONTRACTOR:

Sean Jarvah
Well Contractor (Individual) Name

Solutions-IES
Well Contractor Company Name

1101 Nowell Road
Street Address

Raleigh NC 27607
City or Town State Zip Code

(919) 873-1060
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# WM0500711

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) TMW-22

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation☐ Other ☑ (list use) Temporarv mont. well

DATE DRILLED 10/26/09

4. WELL LOCATION:

1100 East Preston Street. 27577
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐Slope ☐Valley ☑Flat ☐Ridge ☐Other

LATITUDE 35 ° 31 ' 35.5100 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 17 ' 1.9200 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑GPS ☐Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name Facility ID# (if applicable)

1100 East Preston Street.
Street Address

Selma NC 27577
City or Town State Zip Code

Vicky Shore
Contact Name

1100 East Preston Street
Mailing Address

Selma NC 27577
City or Town State Zip Code

(919) 743-8700
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 12.0

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 9.65 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 2.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 2	Ft. 1"	SC 40	PVC
Top	Bottom	Ft.		
Top	Bottom	Ft.		

8. GROUT:

Depth		Material	Method
Top 0	Bottom 1	Ft. Bentonite	Pour
Top	Bottom	Ft.	
Top	Bottom	Ft.	

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 2	Bottom 12	Ft. 1" in.	.010 in.	PVC
Top	Bottom	Ft. in.	in.	
Top	Bottom	Ft. in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 1	Bottom 12	Ft. #2	Torpedo Sand
Top	Bottom	Ft.	
Top	Bottom	Ft.	

11. DRILLING LOG

Top	Bottom	Formation Description
0	8	Orange and gray sandy clay
8	10	Orange and gray clayey sand
10	12	Orange and gray sand

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Sean Jarvah 11-11-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Sean Jarvah
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3515

1. WELL CONTRACTOR:

Sean Jarvah
Well Contractor (Individual) Name

Solutions-IES
Well Contractor Company Name

1101 Nowell Road
Street Address

Raleigh NC 27607
City or Town State Zip Code

(919) 873-1060
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# WM0500711

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) TMW-23

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☑ (list use) Temporary mont. well

DATE DRILLED 10/26/09

4. WELL LOCATION:

1100 East Preston Street. 27577
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other

LATITUDE 35 ° 31 ' 35.4000 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 17 ' 1.1400 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name Facility ID# (if applicable)

1100 East Preston Street.
Street Address

Selma NC 27577
City or Town State Zip Code

Vicky Shore
Contact Name

1100 East Preston Street
Mailing Address

Selma NC 27577
City or Town State Zip Code

(919) 743-8700
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 12.0

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 9.24 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 2.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 2 Ft.	1"	SC 40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0	Bottom 1 Ft.	Bentonite	Pour
Top	Bottom Ft.		
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 2	Bottom 12 Ft.	1" in.	.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 1	Bottom 12 Ft.	#2	Torpedo Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
0	2	Coarse sand, some gravel
2	10	Orange and gray clayey sand
10	12	Orange and gray sand

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR 11-11-09 DATE

Sean Jarvah
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3515

1. WELL CONTRACTOR:

Sean Jarvah
Well Contractor (Individual) Name

Solutions-IES
Well Contractor Company Name

1101 Nowell Road
Street Address

Raleigh NC 27607
City or Town State Zip Code

(919) 873-1060
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# WM0500711

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) TMW-24

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation☐ Other ☑ (list use) Temporary mont. well

DATE DRILLED 10/26/09

4. WELL LOCATION:

1100 East Preston Street, 27577
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐Slope ☐Valley ☑Flat ☐Ridge ☐Other

LATITUDE 35 ° 31 ' 35.2900 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 16 ' 59.9800 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑GPS ☐Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name Facility ID# (if applicable)

1100 East Preston Street.
Street Address

Selma NC 27577
City or Town State Zip Code

Vicky Shore
Contact Name

1100 East Preston Street
Mailing Address

Selma NC 27577
City or Town State Zip Code

(919) 743-8700
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 12.0

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 9.68 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 2.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 2	Ft. 1"	SC 40	PVC
Top	Bottom	Ft.		
Top	Bottom	Ft.		

8. GROUT:

Depth		Material	Method
Top 0	Bottom 1	Ft. Bentonite	Pour
Top	Bottom	Ft.	
Top	Bottom	Ft.	

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 2	Bottom 12	Ft. 1" in.	.010 in.	PVC
Top	Bottom	Ft. in.	in.	
Top	Bottom	Ft. in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 1	Bottom 12	Ft. #2	Torpedo Sand
Top	Bottom	Ft.	
Top	Bottom	Ft.	

11. DRILLING LOG

Top	Bottom	Formation Description
0	4	Dry, grey, silt
4	8	Gray, dense silty clay
8	11	Orange and gray sandy clay
11	12	Coarse sand

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE 11-11-09

Sean Jarvah
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3515

1. WELL CONTRACTOR:

Sean Jarvah
Well Contractor (Individual) Name

Solutions-IES
Well Contractor Company Name

1101 Nowell Road
Street Address

Raleigh NC 27607
City or Town State Zip Code

(919) 873-1060
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# WM0500711

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) TMW-25

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☑ (list use) Temporary mont. well

DATE DRILLED 10/26/09

4. WELL LOCATION:

1100 East Preston Street, 27577
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other

LATITUDE 35 ° 31 ' 35.1900 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 16 ' 58.6400 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name Facility ID# (if applicable)

1100 East Preston Street
Street Address

Selma NC 27577
City or Town State Zip Code

Vicky Shore
Contact Name

1100 East Preston Street
Mailing Address

Selma NC 27577
City or Town State Zip Code

(919) 743-8700
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 12.0

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 9.94 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 2.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 2	Ft. 1"	SC 40	PVC
Top	Bottom	Ft.		
Top	Bottom	Ft.		

8. GROUT:

Depth		Material	Method
Top 0	Bottom 1	Ft. Bentonite	Pour
Top	Bottom	Ft.	
Top	Bottom	Ft.	

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 2	Bottom 12	Ft. 1" in.	.010 in.	PVC
Top	Bottom	Ft. in.	in.	
Top	Bottom	Ft. in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 1	Bottom 12	Ft. #2	Torpedo Sand
Top	Bottom	Ft.	
Top	Bottom	Ft.	

11. DRILLING LOG

Top	Bottom	Formation Description
0	2	Dry, grey, silt
4	8	Gray, dense silty clay
8	11	Orange and gray sandy clay
11	12	Coarse sand

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Sean Jarvah 11-11-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Sean Jarvah
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3515

1. WELL CONTRACTOR:

Sean Jarvah
Well Contractor (Individual) Name

Solutions-IES
Well Contractor Company Name

1101 Nowell Road
Street Address

Raleigh NC 27607
City or Town State Zip Code

(919) 873-1060
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# WM0500711

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) TMW-26

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☑ (list use) Temporary mont. well

DATE DRILLED 10/27/09

4. WELL LOCATION:

1100 East Preston Street, 27577
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other

LATITUDE 35 ° 31 ' 34.2300 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 16 ' 57.6100 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name Facility ID# (if applicable)

1100 East Preston Street,
Street Address

Selma NC 27577
City or Town State Zip Code

Vicky Shore
Contact Name

1100 East Preston Street
Mailing Address

Selma NC 27577
City or Town State Zip Code

(919) 743-8700
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 12.0

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 9.51 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 2.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 2 Ft.	1"	SC 40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0	Bottom 1 Ft.	Bentonite	Pour
Top	Bottom Ft.		
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 2	Bottom 12 Ft.	1" in.	.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 1	Bottom 12 Ft.	#2	Torpedo Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
0	2	Dry, gray, silt
2	3.5	Orange clay
3.5	6	Gray silt
6	10	Silty, sandy clay
10	12	Medium coarse sand

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Sean Jarvah 11-11-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Sean Jarvah
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3515

1. WELL CONTRACTOR:

Sean Jarvah
Well Contractor (Individual) Name

Solutions-IES
Well Contractor Company Name

1101 Nowell Road
Street Address

Raleigh | NC | 27607
City or Town | State | Zip Code

(919) 873-1060
Area code | Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# WM0500711

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) TMW-27

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☑ (list use) Temporary mont. well

DATE DRILLED 10/27/09

4. WELL LOCATION:

1100 East Preston Street, 27577
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other

LATITUDE 35 ° 31 ' 33.1800 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 16 ' 57.6900 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name | Facility ID# (if applicable)

1100 East Preston Street
Street Address

Selma | NC | 27577
City or Town | State | Zip Code

Vicky Shore
Contact Name

1100 East Preston Street
Mailing Address

Selma | NC | 27577
City or Town | State | Zip Code

(919) 743-8700
Area code | Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 12.0

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 9.84 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 2.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 2 Ft.	1"	SC 40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0	Bottom 1 Ft.	Bentonite	Pour
Top	Bottom Ft.		
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 2	Bottom 12 Ft.	1" in.	.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 1	Bottom 12 Ft.	#2	Torpedo Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
0	2	Silty clay with 6" organic soil
2	4	Dense, orange clay
4	5	Gray silt
5	9	Gray, sandy clay
10	11	Gray, clayey sand
11	12	Medium coarse sand

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Sean Jarvah — 11-11-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR | DATE

Sean Jarvah
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3515

1. WELL CONTRACTOR:

Sean Jarvah
Well Contractor (Individual) Name

Solutions-IES
Well Contractor Company Name

1101 Nowell Road
Street Address

Raleigh NC 27607
City or Town State Zip Code

(919) 873-1060
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# WM0500711

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) TMW-28

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☑ (list use) Temporarv mont. well

DATE DRILLED 10/27/09

4. WELL LOCATION:

1100 East Preston Street, 27577
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐Slope ☐Valley ☑Flat ☐Ridge ☐Other

LATITUDE 35 ° 31 ' 33.7500 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 16 ' 56.1300 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑GPS ☐Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name Facility ID# (if applicable)

1100 East Preston Street,
Street Address

Selma NC 27577
City or Town State Zip Code

Vicky Shore
Contact Name

1100 East Preston Street
Mailing Address

Selma NC 27577
City or Town State Zip Code

(919) 743-8700
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 12.0

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 9.51 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 2.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 6	Ft. 1"	SC 40	PVC
Top	Bottom	Ft.		
Top	Bottom	Ft.		

8. GROUT:

Depth		Material	Method
Top 0	Bottom 5	Ft. Bentonite	Pour
Top	Bottom	Ft.	
Top	Bottom	Ft.	

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 6	Bottom 16	Ft. 1" in.	.010 in.	PVC
Top	Bottom	Ft. in.	in.	
Top	Bottom	Ft. in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 5	Bottom 16	Ft. #2	Torpedo Sand
Top	Bottom	Ft.	
Top	Bottom	Ft.	

11. DRILLING LOG

Top	Bottom	Formation Description
0	2	Gray and orange clay
2	4	Dense, gray clay
4	12	Dense, orange clay
12	14	Gray, sandy clay
14	16	Medium coarse sand, some clay

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR 11-11-09 DATE

Sean Jarvah
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3515

1. WELL CONTRACTOR:

Sean Jarvah
Well Contractor (Individual) Name

Solutions-IES
Well Contractor Company Name

1101 Nowell Road
Street Address

Raleigh NC 27607
City or Town State Zip Code

(919) 873-1060
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# WM0500711

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) TMW-29

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☑ (list use) Temporary mont. well

DATE DRILLED 10/27/09

4. WELL LOCATION:

1100 East Preston Street, 27577
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other

LATITUDE 35 ° 31 ' 31.6500 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 16 ' 56.1500 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name Facility ID# (if applicable)

1100 East Preston Street
Street Address

Selma NC 27577
City or Town State Zip Code

Vicky Shore
Contact Name

1100 East Preston Street
Mailing Address

Selma NC 27577
City or Town State Zip Code

(919) 743-8700
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 12.0

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 9.84 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 2.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 6 Ft.	1"	SC 40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0	Bottom 5 Ft.	Bentonite	Pour
Top	Bottom Ft.		
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 6	Bottom 16 Ft.	1" in.	.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 5	Bottom 16 Ft.	#2	Torpedo Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
0	8	Gray and orange clay
8	10	Gray and white stiff clay
10	11	Dense, gray clay
11	12	Orange, sandy clay
12	15	Gray, sandy clay
15	16	Medium coarse sand

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Sean Jarvah 11-11-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Sean Jarvah
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

D2. FIELD EVENT #3 WELL CONSTRUCTION RECORD

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2973

1. WELL CONTRACTOR:

Kevin White
Well Contractor (Individual) Name

Parratt-Wolff, Inc.
Well Contractor Company Name

501 Millstone Drive
Street Address

Hillsborough NC 27278
City or Town State Zip Code

(919) 644-2814
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-6

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation☐ Other ☐ (list use)

DATE DRILLED 7/19/10

4. WELL LOCATION:

1100 East Preston Street
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐Slope ☐Valley ☑Flat ☐Ridge ☐Other

LATITUDE 35 ° 31 ' 576.0000 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 17 ' 2.0000 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☐GPS ☑Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name Facility ID# (if applicable)

1100 East Preston Street
Street Address

Selma NC 27576
City or Town State Zip Code

Contact Name

Mailing Address

City or Town State Zip Code

( )
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 30.0'

b. **DOES WELL REPLACE EXISTING WELL?** YES ☑ NO ☐

c. **WATER LEVEL** Below Top of Casing: 10.0 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top N/A	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 20.0 Ft.	2"	Sch40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0	Bottom 16.0 Ft.	Portland	Tremie
Top 16.0	Bottom 18.0 Ft.	Bentonite	Tremie
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 20.0	Bottom 30.0 Ft.	2 in.	.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 18.0	Bottom 30.0 Ft.	#1	Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
0	4.0'	Brown, moist SILT & CLAY; trace fine sand
12.0	16.0	Brown, wet, fine/medium SAND; some silt
20.0	24.0	Brown, wet, medium/coarse SAND; trace silt

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Kevin White 8-9-10
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Kevin White
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2973

1. WELL CONTRACTOR:

Kevin White
Well Contractor (Individual) Name

Parratt-Wolff, Inc.
Well Contractor Company Name

501 Millstone Drive
Street Address

Hillsborough NC 27278
City or Town State Zip Code

(919) 644-2814
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-7

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 7/20/10

4. WELL LOCATION:

1100 East Preston Street
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other

LATITUDE 35 ° 31 ' 576.0000 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 17 ' 2.0000 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☐ GPS ☑ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name Facility ID# (if applicable)

1100 East Preston Street
Street Address

Selma NC 27576
City or Town State Zip Code

Contact Name

Mailing Address

City or Town State Zip Code

( )
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 30.0'

b. **DOES WELL REPLACE EXISTING WELL?** YES ☑ NO ☐

c. **WATER LEVEL** Below Top of Casing: 10.0 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top N/A	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 20.0 Ft.	2"	Sch40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0	Bottom 16.0 Ft.	Portland	Tremie
Top 16.0	Bottom 18.0 Ft.	Bentonite	Tremie
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 20.0	Bottom 30.0 Ft.	2 in.	.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 18.0	Bottom 30.0 Ft.	#1	Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
0	4.0'	Brown, moist SILT & CLAY
12.0	16.0	Brown, wet, fine/medium SAND; trace silt

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR 8-9-10 DATE

Kevin White
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2973

1. WELL CONTRACTOR:

Kevin White
Well Contractor (Individual) Name

Parratt-Wolff, Inc.
Well Contractor Company Name

501 Millstone Drive
Street Address

Hillsborough NC 27278
City or Town State Zip Code

(919) 644-2814
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-8

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation☐ Other ☐ (list use)

DATE DRILLED 7/15/10

4. WELL LOCATION:

1100 East Preston Street
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐Slope ☐Valley ☑Flat ☐Ridge ☐Other

LATITUDE 35 ° 31 ' 576.0000 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 17 ' 2.0000 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☐GPS ☑Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name Facility ID# (if applicable)

1100 East Preston Street
Street Address

Selma NC 27576
City or Town State Zip Code

Contact Name

Mailing Address

City or Town State Zip Code

( )
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 30.0'

b. **DOES WELL REPLACE EXISTING WELL?** YES ☑ NO ☐

c. **WATER LEVEL** Below Top of Casing: 10.0 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):
Top N/A Bottom Top Bottom
Top Bottom Top Bottom
Top Bottom Top Bottom

7. CASING:	Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 20.0	Ft.	2"	Sch40	PVC
Top	Bottom	Ft.			
Top	Bottom	Ft.			

8. GROUT:	Depth		Material	Method
Top 0	Bottom 16.0	Ft.	Portland	Tremie
Top 16.0	Bottom 18.0	Ft.	Bentonite	Tremie
Top	Bottom	Ft.		

9. SCREEN:	Depth		Diameter	Slot Size	Material
Top 20.0	Bottom 30.0	Ft.	2 in.	.010 in.	PVC
Top	Bottom	Ft.	in.	in.	
Top	Bottom	Ft.	in.	in.	

10. SAND/GRAVEL PACK:	Depth		Size	Material
Top 18.0	Bottom 30.0	Ft.	#1	Sand
Top	Bottom	Ft.		
Top	Bottom	Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
12.0	16.0'	Brown, wet, fine/medium SAND; trace silt
16.0	20.0	Brown, wet, medium/coarse SAND; some fine gravel

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR 8-9-10 DATE

Kevin White
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2973

1. WELL CONTRACTOR:

Kevin White
Well Contractor (Individual) Name

Parratt-Wolff, Inc.
Well Contractor Company Name

501 Millstone Drive
Street Address

Hillsborough NC 27278
City or Town State Zip Code

(919) 644-2814
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-9

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 7/15/10

4. WELL LOCATION:

1100 East Preston Street
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other

LATITUDE 35 ° 31 ' 576.0000 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 17 ' 2.0000 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☐ GPS ☑ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name Facility ID# (if applicable)

1100 East Preston Street
Street Address

Selma NC 27576
City or Town State Zip Code

Contact Name

Mailing Address

City or Town State Zip Code

( )
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 38.0'

b. **DOES WELL REPLACE EXISTING WELL?** YES ☑ NO ☐

c. **WATER LEVEL** Below Top of Casing: 10.0 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top N/A	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 28.0 Ft.	2"	Sch40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0	Bottom 24.0 Ft.	Portland	Tremie
Top 24.0	Bottom 26.0 Ft.	Bentonite	Tremie
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 28.0	Bottom 38.0 Ft.	2 in.	.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 26.0	Bottom 38.0 Ft.	#1	Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
0	4.0'	Gray, moist, stiff, dense CLAY;
		some fine sand; little silt
12.0	16.0	Gray, wet, dense CLAY & SILT;
		some fine sand
16.0	20.0	Gray/light brown, wet, loose,
		coarse SAND; some gravel
36.0	40.0	Gray, moist, stiff, dense CLAY;
		trace silt

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR 8-9-10 DATE

Kevin White
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2973

1. WELL CONTRACTOR:

Kevin White
Well Contractor (Individual) Name

Parratt-Wolff, Inc.
Well Contractor Company Name

501 Millstone Drive
Street Address

Hillsborough NC 27278
City or Town State Zip Code

(919) 644-2814
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-11

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 7/16/10

4. WELL LOCATION:

1100 East Preston Street
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Selma COUNTY Johnston

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other

LATITUDE 35 ° 31 ' 576.0000 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 78 ° 17 ' 2.0000 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☐ GPS ☑ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Johnston County Industries
Facility Name Facility ID# (if applicable)

1100 East Preston Street
Street Address

Selma NC 27576
City or Town State Zip Code

Contact Name

Mailing Address

City or Town State Zip Code

( )
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 34.0'

b. **DOES WELL REPLACE EXISTING WELL?** YES ☑ NO ☐

c. **WATER LEVEL** Below Top of Casing: 11.0 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top N/A	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 24.0 Ft.	2"	Sch40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0	Bottom 13.0 Ft.	Portland	Tremie
Top 13.0	Bottom 18.0 Ft.	Bentonite	Tremie
Top 21.0	Bottom 22.0 Ft.	Bentonite	Tremie

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 24.0	Bottom 34.0 Ft.	2 in.	.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 18.0	Bottom 21.0 Ft.	#1	Sand
Top 22.0	Bottom 34.0 Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
0	4.0'	Gray, moist, SILT & CLAY
8.0	12.0	Brown, moist, fine/medium SAND
12.0	16.0	Brown, wet, fine/medium SAND
20.0	24.0	Brown, wet, medium/coarse SAND; some fine gravel

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR — DATE 8-9-10

Kevin White
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

D3. FIELD EVENT #4 WELL CONSTRUCTION RECORD

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2579

1. WELL CONTRACTOR:

DANNY SUMMERS
Well Contractor (Individual) Name

GEOLOGIC EXPLORATION, INC
Well Contractor Company Name

176 COMMERCE BLVD
Street Address

STATESVILLE | NC | 28625
City or Town | State | Zip Code

(704) 872-7686
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# N/A

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-13

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 05/04/11

4. WELL LOCATION:

1100 EAST PRESTON STREET 27576
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: SELMA COUNTY JOHNSTON

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐Slope ☐Valley ☐Flat ☐Ridge ☐Other

LATITUDE ___°___'___" DMS **OR** ___ DD

LONGITUDE ___°___'___" DMS **OR** ___ DD

Latitude/longitude source: ☐GPS ☐Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

FMR EATON FACILITY | N/A
Facility Name | Facility ID# (if applicable)

1100 EAST PRESTON STREET
Street Address

SELMA | NC | 27576
City or Town | State | Zip Code

EATON CORPORATION
Contact Name

1111 SUPERIOR AVENUE
Mailing Address

CLEVELAND | OH | 44114
City or Town | State | Zip Code

(___) ___
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 31.0 FEET

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 2.0 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 2.5 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):
Top___ Bottom___ Top___ Bottom___
Top___ Bottom___ Top___ Bottom___
Top___ Bottom___ Top___ Bottom___

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0.0	Bottom 21.0	Ft. 2 INCH	SCH 40	PVC
Top___	Bottom___	Ft.___		
Top___	Bottom___	Ft.___		

8. GROUT:

Depth		Material	Method
Top 0.0	Bottom 10.0	Ft. PORTLAND BENTONITE	SLURRY
Top___	Bottom___	Ft.___	
Top___	Bottom___	Ft.___	

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 21.0	Bottom 31.0	Ft. 2.0 in.	.010 in.	PVC
Top___	Bottom___	Ft.___ in.	___ in.	
Top___	Bottom___	Ft.___ in.	___ in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 15.0	Bottom 31.0	Ft. 20-40	FINE SILICA SAND
Top___	Bottom___	Ft.___	
Top___	Bottom___	Ft.___	

11. DRILLING LOG

Top	Bottom	Formation Description
0.0	1.0	WEEDS/TOPSOIL
1.0	4.0	ORANGE/TAN SANDY SILT
4.0	12.0	ORANGE/TAN SANDY SILTY CLAY
12.0	28.0	ORANGE SILTY SAND
28.0	32.0	BLUE/GRAY SILTY CLAYEY SAND

12. REMARKS:

BENTONITE SEAL FROM 10.0 TO 15.0 FEET

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR | 05/10/11 DATE

DANNY SUMMERS
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2402

1. WELL CONTRACTOR:

MIKE MCCONAHEY
Well Contractor (Individual) Name

GEOLOGIC EXPLORATION, INC
Well Contractor Company Name

176 COMMERCE BLVD
Street Address

STATESVILLE | NC | 28625
City or Town | State | Zip Code

(704) 872-7686
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# N/A

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-15

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 05/04/11 - 05/05/11

4. WELL LOCATION:

1100 EAST PRESTON STREET 27576
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: SELMA COUNTY JOHNSTON

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☐ Flat ☐ Ridge ☐ Other

LATITUDE ___°___'___" DMS **OR** ___ DD

LONGITUDE ___°___'___" DMS **OR** ___ DD

Latitude/longitude source: ☐ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

FMR EATON FACILITY | N/A
Facility Name | Facility ID# (if applicable)

1100 EAST PRESTON STREET
Street Address

SELMA | NC | 27576
City or Town | State | Zip Code

EATON CORPORATION
Contact Name

1111 SUPERIOR AVENUE
Mailing Address

CLEVELAND | OH | 44114
City or Town | State | Zip Code

( )
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 56.0 FEET

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 2.0 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0.0	Bottom 46.0	Ft. 2 INCH	SCH 40	PVC
Top 0.0	Bottom 37.0	Ft. 6 INCH	SCH 40	PVC
Top	Bottom	Ft.		

8. GROUT:

Depth		Material	Method
Top 0.0	Bottom 35.0	Ft. PORTLAND BENTONITE	SLURRY
Top 0.0	Bottom 37.0	Ft. PORTLAND BENTONITE	SLURRY
Top	Bottom	Ft.	

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 46.0	Bottom 56.0	Ft. 2.0 in.	.010 in.	PVC
Top	Bottom	Ft. in.	in.	
Top	Bottom	Ft. in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 44.0	Bottom 56.0	Ft. 20-40	FINE SILICA SAND
Top	Bottom	Ft.	
Top	Bottom	Ft.	

11. DRILLING LOG

Top	Bottom	Formation Description
0.0	1.0	GRASS/TOPSOIL
1.0	5.0	ORANGE/TAN SANDY SILT
5.0	12.0	ORANGE/TAN SANDY SILTY CLAY
12.0	32.0	ORANGE SILTY SAND
32.0	37.0	BLUE/GRAY SILTY CLAYEY SAND
37.0	56.0	BLUE/WHITE/GRAY SILTY SAND

12. REMARKS:

BENTONITE SEAL FROM 35.0 TO 44.0 FEET

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR | 05/10/11 DATE

MIKE MCCONAHEY
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2402

1. WELL CONTRACTOR:

MIKE MCCONAHEY
Well Contractor (Individual) Name

GEOLOGIC EXPLORATION, INC
Well Contractor Company Name

176 COMMERCE BLVD
Street Address

STATESVILLE | NC | 28625
City or Town | State | Zip Code

(704) 872-7686
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# N/A

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-14

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation☐ Other ☐ (list use)

DATE DRILLED 06/09/11 - 06/10/11

4. WELL LOCATION:

1100 EAST PRESTON STREET 27576
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: SELMA COUNTY JOHNSTON

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐Slope ☐Valley ☐Flat ☐Ridge ☐Other

LATITUDE ___°___'___" DMS **OR** ___ DD

LONGITUDE ___°___'___" DMS **OR** ___ DD

Latitude/longitude source: ☐GPS ☐Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

FMR EATON FACILITY | N/A
Facility Name | Facility ID# (if applicable)

1100 EAST PRESTON STREET
Street Address

SELMA | NC | 27576
City or Town | State | Zip Code

EATON CORPORATION
Contact Name

1111 SUPERIOR AVENUE
Mailing Address

CLEVELAND | OH | 44114
City or Town | State | Zip Code

(_____) _____
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 57.0 FEET

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 5.0 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0.0	Bottom 47.0 Ft.	2 INCH	SCH 40	PVC
Top 0.0	Bottom 37.0 Ft.	6 INCH	SCH 40	PVC
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0.0	Bottom 36.0 Ft.	PORTLAND BENTONITE	SLURRY
Top 0.0	Bottom 37.0 Ft.	PORTLAND BENTONITE	SLURRY
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 47.0	Bottom 57.0 Ft.	2.0 in.	.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 44.0	Bottom 57.0 Ft.	20-40	FINE SILICA SAND
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
0.0	1.0	GRASS/TOPSOIL
1.0	5.0	GRAY SILTY SAND
5.0	30.0	BROWN/ORANGE/TAN SANDY SILT
30.0	31.5	WHITE/TAN SILTY SAND/GRAVEL
31.5	35.0	WHITE/TAN SILTY SAND
35.0	37.0	WHITE/TAN/GRAY SANDY SILT
37.0	57.0	GREEN/GRAY CLAYEY SANDY SILT

12. REMARKS:

BENTONITE SEAL FROM 36.0 TO 44.0 FEET

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR | 06/16/11 DATE

MIKE MCCONAHEY
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

APPENDIX E

MONITORING WELL PERMITS

rec'd 10/12/09 jm

NCDENR

North Carolina Department of Environment and Natural Resources

Division of Water Quality

Beverly Eaves Perdue
Governor

Coleen H. Sullins
Director

Dee Freeman
Secretary

October 9, 2009

Jeffery P. Allen
Eaton Corporation
1111 Superior Avenue
Cleveland, OH 44114

Subject: Monitoring Well Construction
Permit # WM0500711
Eaton Facility (Former) MWN
1100 East Preston Street
Selma, NC-Johnston County

Dear Mr. Allen;

In accordance with the application received on September 30, 2009, and the additional requested information received on October 8, 2009, we are forwarding herewith Monitoring Well Construction Permit No. WM0500711 dated October 9, 2009, issued for the construction of a monitor well network (initial installation of twelve temporary well and six permanent wells) at the subject properties located at 404 East Preston St at PIN Nos. 261406-37-0806 and 261406-38-9093. **Please be aware that all counties have well construction programs, and you may be required to obtain a well construction permit before installation.**

This Permit will be effective for a period of one year from the date of its issuance and shall be subject to the conditions and limitations as specified therein. Please note the addition of stipulation #3 to the permit.

Sincerely,

S. Jay Zimmerman, L.G.
Environmental Regional Supervisor

Enclosure

cc: RRO Files
Johnston County Health Department
Janet MacDonald, Solutions-IES, 1101 Nowell Road,
Raleigh, NC 27607

Aquifer Protection Section
1628 Mail Service Center, Raleigh, North Carolina 27699-1628
Location: 3800 Barrett Dr., Raleigh, North Carolina 27609
Phone: 919-791-4200 \ FAX: 919-571-4718 \ Customer Service: 1-877-623-6748
Internet: www.ncwaterquality.org

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NORTH CAROLINA
ENVIRONMENTAL MANAGEMENT COMMISSION
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
RALEIGH, NORTH CAROLINA

PERMIT FOR THE CONSTRUCTION OF A WELL

In accordance with the provisions of Article 7, Chapter 87, North Carolina General Statutes, and other applicable Laws, Rules and Regulations.

PERMISSION IS HEREBY GRANTED TO:

EATON CORPORATION

FOR THE CONSTRUCTION OF A MONITOR WELL SYSTEM (initial installation of twelve temporary wells and six permanent wells) on the properties owned by NSEW Corporation and located at 404 East Preston Street (PIN Nos. 261406-37-0806 and 261406-38-9093), Selma, N.C.- Johnston County. This permit is issued in accordance with the application received on September 30, 2009, and the additional requested information received on October 9, 2009, and in conformity with specifications and supporting data, all of which are filed with the Department of Environment and Natural Resources and are considered a part of this permit.

This Permit is for **well construction only** and does not waive any provision or requirement of any other applicable law or regulation. Construction of a well under this permit shall be in compliance with the North Carolina Well Construction Regulations and Standards (15A NCAC 2C .0100), other State and Local laws and regulations pertaining to monitoring well construction.

This permit will be effective from the date of its issuance until October 9, 2010, and shall be subject to other specified conditions, limitations, or exceptions as follows:

1. Issuance of this permit does not obligate reimbursement from State trust funds, if these wells are being installed as part of an investigation for contamination from an underground storage tank or drycleaner incident.

2. Issuance of this permit does not supersede any other agreement, permit, or requirement issued by another agency.

3. In the event that additional monitor wells are to be constructed on the subject properties, this permit shall be valid for said well construction upon receipt of the following documentation:

   a) Proof of notification to the appropriate property owner(s) stating intention to construct additional wells, the number of wells to be constructed, and signatures by the property owner(s) granting approval.

   b) Revised site map with information as required by the original well construction application. Please send a separate map for each permit within which you wish to amend well locations.

   c) Well construction diagram for additional wells with information as required by the original well construction application.

Permit issued this the 9th day of October, 2009

FOR THE NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

S. Jay Zimmerman, L.G. - Environmental Regional Supervisor
Division of Water Quality

By Authority of the Environmental Management Commission
Permit No WM0500711

Solutions-IES
Industrial & Environmental Services

1101 Nowell Road ■ Raleigh, NC 27607
(919) 873-1060 ■ Fax (919) 873-1074
www.solutions-ies.com

April 30, 2010

Mr. Eric Rice
NCDENR Division of Water Quality
1628 Mail Service Center
Raleigh, North Carolina 27699-1628

Re: Monitor Well Permit Amendment
Former Eaton Facility
1100 East Preston Street
Selma, North Carolina, 27576
Solutions-IES Project No. 6010.08A3.EATN

Dear Mr. Rice:

On behalf of Eaton Corporation, Solutions-IES requests amendment of the existing Monitoring Well Permit No. WM0500711 (Permit), dated October 9, 2009, to update the locations of the six approved permanent monitoring wells. In October 2009, we installed 11 temporary monitoring wells under the existing Permit, and are now planning to install the 6 permanent monitoring wells.

To define the lateral and vertical extent of impacts originating at the site, we plan to install three (3) permanent monitoring wells on the former Eaton property, two (2) permanent monitoring wells on NSEW's property located to the north of the site (PIN 261406-37-0806) and one (1) permanent monitoring well on NSEW's property to the east (PIN 261406-38-9093). Planned monitoring well locations are shown on Figure 1, and the well construction details for all planned monitoring wells are shown in Figure 2.

Enclosed are (1) the signed letters of approval from the current property owner, Ms. Vicki Shore of Johnston County Industries, and adjacent property owner, Mr. Albert Daniel of NSEW Corporation (NSEW); (2) a site map; (3) a well construction diagram; and (4) a copy of the original Permit.

If you have any questions or need additional information, please feel free to contact me at (919) 873-1060.

Yours truly,

Solutions-IES

Janet K. Macdonald, P.G.
Project Manager

Walter J. Beckwith, P.G.
Senior Hydrogeologist

Attachments: Property Owner Letters of Approval (2)
Figures (2)
Permit No. WM0500711

Electronic cc: Mr. Jeffery P. Allen, Eaton Corporation
Ms. Karen Souza, Applied Geology & Environmental Science, Inc.

Solutions-IES
Industrial & Environmental Services

1101 Nowell Road ■ Raleigh, NC 27607
(919) 873-1060 ■ Fax (919) 873-1074
www.solutions-ies.com

April 9, 2010

Mr. Albert Daniel
Terminal Manager
NSEW Corporation
P.O. Box 398
Selma, North Carolina 27576

Re: Monitor Well Permit Amendment
Former Eaton Facility
1100 East Preston Street
Selma, North Carolina, 27576
Solutions-IES Project No. 6010.08A3.EATN

Dear Mr. Daniel:

Solutions-IES is continuing an environmental investigation of the former Eaton Corporation ("Eaton") property at 1100 East Preston Street, Selma, NC, located adjacent to the NSEW Corporation property (NSEW). In October 2009, we installed nine temporary monitoring wells approximately 100 ft outside of the former Eaton property boundary under Monitoring Well Permit No. WM0500711 (Permit), granted by the North Carolina Division of Environment and Natural Resources (NCDENR) on October 9, 2009. As a condition of the Permit, an amendment is required when additional wells are planned.

This letter requests your permission to install one soil boring and two shallow monitoring wells (MW-6 and MW-7) on parcel 261406-37-0806, one shallow monitoring well (MW-10) adjacent to East Preston Street on Parcel 261406-38-9093, and up to five (5) stream gauges along Bawdy Swamp Creek at the locations shown on the attached Figure 1. If you approve, please sign below and return the application to us in the envelope provided. We will submit the application to NCDENR and return a copy to you for your file. If you have any questions or need additional information, please feel free to contact us at (919) 873-1060.

Yours truly,

Solutions-IES

Janet K. Macdonald, P.G.
Project Manager

Walter J. Beckwith, P.G.
Senior Hydrogeologist

Attachments: Figure

cc: Mr. Jeffery P. Allen, Eaton Corporation
Ms. Karen Souza, Applied Geology & Environmental Science, Inc.

AGREED TO / ACCEPTED BY:

Name: _____

Title: MANAGER

Date: 4-22-10

Solutions-IES
Industrial & Environmental Services

1101 Nowell Road ■ Raleigh, NC 27607
(919) 873-1060 ■ Fax (919) 873-1074
www.solutions-ies.com

April 9, 2010

Ms. Vicki Shore
Johnston County Industries
1100 East Preston Street
Selma, North Carolina 27576

Re: Additional Environmental Investigation
Former Eaton Facility
1100 East Preston Street
Selma, North Carolina, 27576
Solutions-IES Project No. 6010.08A3.EATN

Dear Ms. Shore:

Solutions-IES is continuing an environmental investigation of your property located at 1100 East Preston Street, Selma, NC on behalf of the former owner, Eaton Corporation ("Eaton"). Recent modifications to the Well Construction Standards, as regulated by the North Carolina Division of Environment and Natural Resources (NCDENR), require that all monitoring well permit applications contain written approval from the current property owner. We plan to submit an amendment to existing Monitoring Well Permit No. WM0500711 (Permit), granted by NCDENR on October 9, 2009, to install additional monitoring wells.

This letter requests your permission to install 6 shallow soil borings, 2 deep borings, and 3 permanent monitoring wells on your property at the locations shown on the attached figure. All investigation-derived waste will be removed from the site, and work areas will be restored to their original condition as best as practicable. If you approve, please sign at the bottom of this letter and return the application to us in the envelope provided. We will submit the application to NCDENR on behalf of Eaton and return a copy to you for your file. If you have any questions, please feel free to contact us at (919) 873-1060.

Yours truly,

Solutions-IES

Janet K. Macdonald, P.G.
Project Manager

Walter J. Beckwith, P.G.
Senior Hydrogeologist

Attachments: Figure

cc: Mr. Jeffery P. Allen, Eaton Corporation
Ms. Karen Souza, Applied Geology & Environmental Science, Inc.

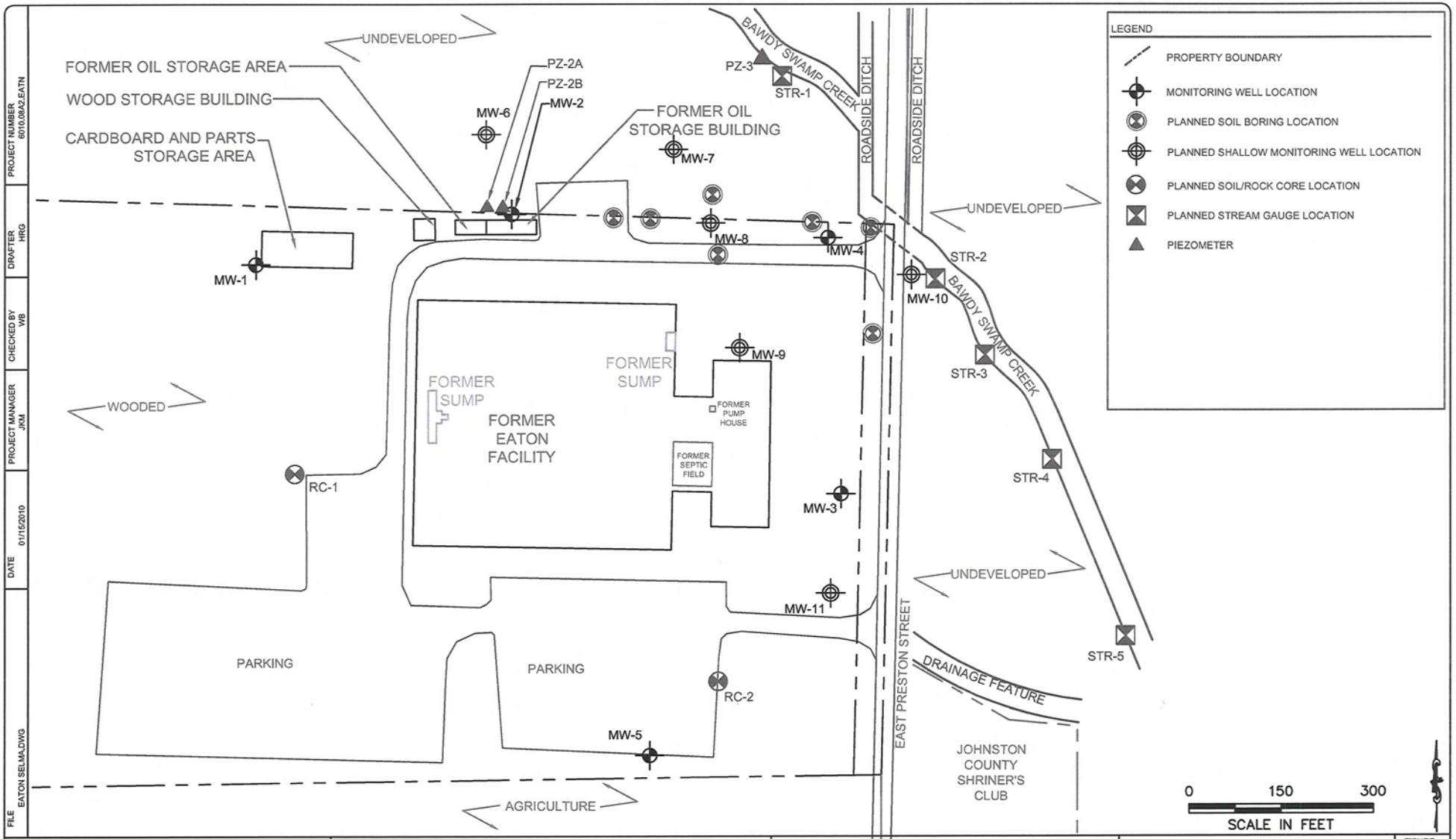
AGREED TO / ACCEPTED BY:

Vicki R. Shore

Name: Vicki R. Shore

Title: Executive Director

Date: 4/15/10



PROJECT NUMBER 6010.0842.EATN | DRAFTER HRG | CHECKED BY WB | PROJECT MANAGER JKM | DATE 01/15/2010 | FILE EATON SELMA.DWG

Solutions-IES
Industrial & Environmental Services
1101 NOWELL ROAD
RALEIGH, NORTH CAROLINA 27607
TEL.: (919) 873-1060 FAX.: (919) 873-1074

NOTES:

1) BASEMAP OBTAINED FROM JIMMY BARBOUR SURVEYING, PA, APRIL 2008 .
2) WELL LOCATIONS ARE BASED ON SURVEY DATA PROVIDED BY KCI ASSOCIATES OF N.C. JUNE 2008.

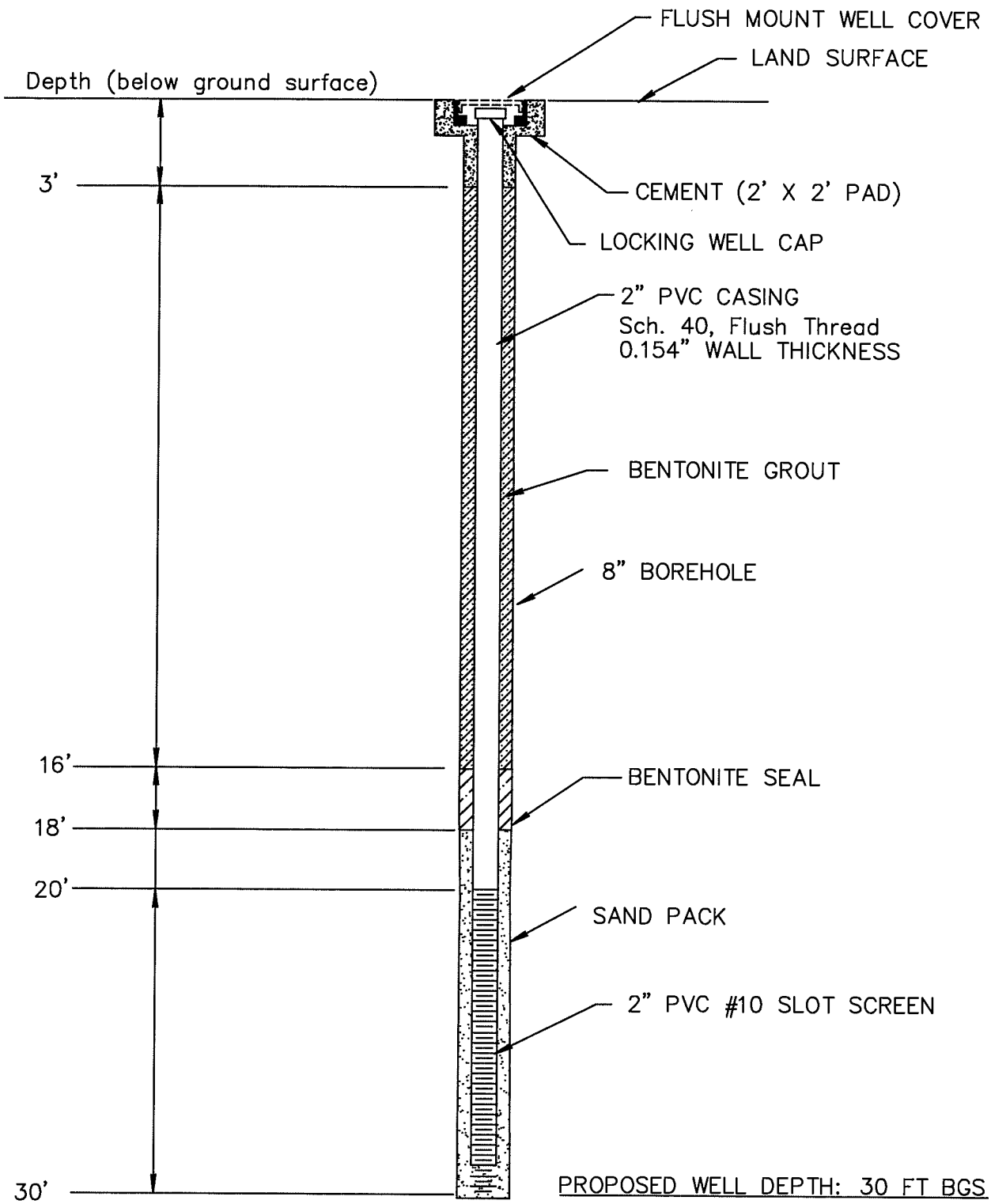
FORMER EATON FACILITY
1100 EAST PRESTON STREET
SELMA, JOHNSTON COUNTY, NC

PLANNED MONITORING WELLS AND BORINGS
APRIL 2010

FIGURE: 1

T:\Project Files\Eaton Corporation\6010 Selma\3. CAD\Eaton Selma Base.dwg, FIGURE 2 PCE IN GW, 1:1.5

SHALLOW MONITOR WELL CONSTRUCTION DIAGRAM



PROPOSED WELL DEPTH: 30 FT BGS

NOT TO SCALE

PROJECT NUMBER 6010.08A2.EATN	DRAFTER HRG	CHECKED BY WB
PROJECT MANAGER JKM	DATE MARCH 2010	FILE SHALLOW.pdf

Solutions-IES
Industrial & Environmental Services
1101 NOWELL ROAD
RALEIGH, NORTH CAROLINA 27607
TEL.: (919) 873-1060 FAX.: (919) 873-1074

SHALLOW
MONITOR WELL CONSTRUCTION DIAGRAM
FORMER EATON MANUFACTURING SITE
1100 EAST PRESTON STREET
SELMA, NC

FIGURE: 2

T:\Project Files\Eaton Corporation\6010 Selma\3. CAD\Construction Documents\Well Construction Diagrams.dwg, MW-1, 1:1

rec'd 10/12/09 jm

NCDENR

North Carolina Department of Environment and Natural Resources

Division of Water Quality

Beverly Eaves Perdue
Governor

Coleen H. Sullins
Director

Dee Freeman
Secretary

October 9, 2009

Jeffery P. Allen
Eaton Corporation
1111 Superior Avenue
Cleveland, OH 44114

Subject: Monitoring Well Construction
Permit # WM0500711
Eaton Facility (Former) MWN
1100 East Preston Street
Selma, NC-Johnston County

Dear Mr. Allen;

In accordance with the application received on September 30, 2009, and the additional requested information received on October 8, 2009, we are forwarding herewith Monitoring Well Construction Permit No. WM0500711 dated October 9, 2009, issued for the construction of a monitor well network (initial installation of twelve temporary well and six permanent wells) at the subject properties located at 404 East Preston St at PIN Nos. 261406-37-0806 and 261406-38-9093. **Please be aware that all counties have well construction programs, and you may be required to obtain a well construction permit before installation.**

This Permit will be effective for a period of one year from the date of its issuance and shall be subject to the conditions and limitations as specified therein. Please note the addition of stipulation #3 to the permit.

Sincerely,

S. Jay Zimmerman, L.G.
Environmental Regional Supervisor

Enclosure

cc: RRO Files
Johnston County Health Department
Janet MacDonald, Solutions-IES, 1101 Nowell Road,
Raleigh, NC 27607

Aquifer Protection Section
1628 Mail Service Center, Raleigh, North Carolina 27699-1628
Location: 3800 Barrett Dr., Raleigh, North Carolina 27609
Phone: 919-791-4200 \ FAX: 919-571-4718 \ Customer Service: 1-877-623-6748
Internet: www.ncwaterquality.org

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NORTH CAROLINA
ENVIRONMENTAL MANAGEMENT COMMISSION
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
RALEIGH, NORTH CAROLINA

PERMIT FOR THE CONSTRUCTION OF A WELL

In accordance with the provisions of Article 7, Chapter 87, North Carolina General Statutes, and other applicable Laws, Rules and Regulations.

PERMISSION IS HEREBY GRANTED TO:

EATON CORPORATION

FOR THE CONSTRUCTION OF A MONITOR WELL SYSTEM (initial installation of twelve temporary wells and six permanent wells) on the properties owned by NSEW Corporation and located at 404 East Preston Street (PIN Nos. 261406-37-0806 and 261406-38-9093), Selma, N.C.- Johnston County. This permit is issued in accordance with the application received on September 30, 2009, and the additional requested information received on October 9, 2009, and in conformity with specifications and supporting data, all of which are filed with the Department of Environment and Natural Resources and are considered a part of this permit.

This Permit is for **well construction only** and does not waive any provision or requirement of any other applicable law or regulation. Construction of a well under this permit shall be in compliance with the North Carolina Well Construction Regulations and Standards (15A NCAC 2C .0100), other State and Local laws and regulations pertaining to monitoring well construction.

This permit will be effective from the date of its issuance until October 9, 2010, and shall be subject to other specified conditions, limitations, or exceptions as follows:

1. Issuance of this permit does not obligate reimbursement from State trust funds, if these wells are being installed as part of an investigation for contamination from an underground storage tank or drycleaner incident.

2. Issuance of this permit does not supersede any other agreement, permit, or requirement issued by another agency.

3. In the event that additional monitor wells are to be constructed on the subject properties, this permit shall be valid for said well construction upon receipt of the following documentation:

   a) Proof of notification to the appropriate property owner(s) stating intention to construct additional wells, the number of wells to be constructed, and signatures by the property owner(s) granting approval.

   b) Revised site map with information as required by the original well construction application. Please send a separate map for each permit within which you wish to amend well locations.

   c) Well construction diagram for additional wells with information as required by the original well construction application.

Permit issued this the 9th day of October, 2009

FOR THE NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

S. Jay Zimmerman, L.G. - Environmental Regional Supervisor
Division of Water Quality

By Authority of the Environmental Management Commission
Permit No WM0500711

NCDENR

North Carolina Department of Environment and Natural Resources

Division of Water Quality

Beverly Eaves Perdue
Governor

Coleen H. Sullins
Director

Dee Freeman
Secretary

March 28, 2011

Attn: Jeffery Allen
Eaton Corporation
1111 Superior Avenue
Cleveland, OH 44114

Subject: Monitoring Well Construction
Permit # WM0500793
Eaton Facility (Former) MWN (3)
1100 East Preston Street
Selma, NC-Johnston County

Dear Mr. Allen;

In accordance with the application received on March 11, 2011, and the additional information received on March 18, and 23, 2011, we are forwarding herewith Monitoring Well Construction Permit No. WM0500793 dated March 28, 2011, issued for the construction of a monitor well network (initial installation of five wells) at the subject properties(1100 East Preston Street, 404 East Preston Street, and in the right of way at 1100 East Preston Street) . **Please be aware that some counties have well construction programs, and you may be required to obtain a well construction permit before installation.**

This Permit will be effective from the date of its issuance and shall be subject to the conditions and limitations as specified therein. Please note the addition of stipulation #3 to the permit enclosed.

Sincerely,

S. Jay Zimmerman, L.G.
Environmental Regional Supervisor

Enclosure

cc: RRO Files
Johnston County Health Department
Walt Beckwith, Solutions-IES, 1101 Nowell Road,
Raleigh, NC 27607

Aquifer Protection Section
1628 Mail Service Center Raleigh, North Carolina 27699-1628
Location 3800 Barrett Dr., Raleigh, North Carolina 27609
Phone 919-791-4200 FAX 919-571-4718 Customer Service 1-877-623-6748
Internet www.ncwaterquality.org

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NORTH CAROLINA
ENVIRONMENTAL MANAGEMENT COMMISSION
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
RALEIGH, NORTH CAROLINA
PERMIT FOR THE CONSTRUCTION OF A WELL

In accordance with the provisions of Article 7, Chapter 87, North Carolina General Statutes, and other applicable Laws, Rules and Regulations.

PERMISSION IS HEREBY GRANTED TO

Eaton Corporation

FOR THE CONSTRUCTION OF A MONITOR WELL SYSTEM (initial installation of five wells-total) for the Eaton Facility (former) MWN 3 on the property owned by Johnston County Industries located at 1100 East Preston Street, NSEW Corporation located at 404 East Preston Street, and in the N.C. Department of Transportation right of way at 1100 East Preston Street in Selma, N.C.-Johnston County. This permit is issued in accordance with the application received on March 11, 2011, and the additional requested information received on March 18, and 23, 2011, in conformity with specifications and supporting data, all of which are filed with the Department of Environment and Natural Resources and are considered a part of this permit.

This Permit is for **well construction only** and does not waive any provision or requirement of any other applicable law or regulation. Construction of a well under this permit shall be in compliance with the North Carolina Well Construction Regulations and Standards (15A NCAC 2C .0100), other State and Local laws and regulations pertaining to monitoring well construction.

This permit will be effective from the date of its issuance until March 28, 2012, and shall be subject to other specified conditions, limitations, or exceptions as follows:

1. Issuance of this permit does not obligate reimbursement from State trust funds, if these wells are being installed as part of an investigation for contamination from an underground storage tank or drycleaner incident.

2. Issuance of this permit does not supersede any other agreement, permit, or requirement issued by another agency.

3. In the event that additional monitor wells are to be constructed on the subject properties, this permit shall be valid for said well construction upon receipt of the following documentation:

   a) Proof of notification to the appropriate property owner(s) stating intention to construct additional wells, the number of wells to be constructed, and signatures by the property owner(s) and subject applicant(s) or their agent(s).

   b) Revised site map with information as required by the original well construction application. Please send a separate map for each permit within which you wish to amend well locations.

   c) Well construction diagram for additional wells with information as required by the original well construction application.

Permit issued this the 28th of March 2011

FOR THE NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

S. Jay Zimmerman, L.G. - Environmental Regional Supervisor
Division of Water Quality

By Authority of the Environmental Management Commission
Permit No. # WM0500793

APPENDIX F

GROUNDWATER SAMPLING LOGS

F1 Field Event #3 Groundwater Sampling Logs
F2 Field Event #4 Groundwater Sampling Logs

F1. FIELD EVENT #3 GROUNDWATER SAMPLING LOGS

Solutions
Industrial & Environmental Services

GROUNDWATER SAMPLING LOG

Project Number: 6010	**Date:** 7/29
Project/Site:	**Weather Conditions:**
Site Location:	**Sampling Personnel:**

PURGING DATA

Well Diameter (in.):	Tubing Diameter (in.):	Tubing:	Static Depth to Water (ft):	Purge pump type:	Well ID:
1 (2) 3 4	1/4 (3/8) 1/2	LDPE Teflon	6.55	Peristaltic, Bladder, Bailer Other _____	MW-5

Initial Pump or Tubing Depth in well (ft):	Avg. Purge Flow Rate (mL/min):	Total Volume Purged (Gallons):	Screened Interval (ft bgs):
	200		

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	End Time
1105			200	7.05	11.40	20.88	3594	4.51	7.48	20.9		
1110			200	7.11	11.62	21.15	2705	3.57	47.5	5.4		
1120			200	7.11	11.38	20.81	957	3.72	127	12.7		
1150			200	7.05	11.06	21.06	528	3.28	86	15.3		
1155			200	7.08	10.90	21.05	484	3.08	164	21.2		
1140			200	7.09	10.83	21.07	431	3.06	172	22.3		
1145			200	7.08	10.61	21.07	328	2.98	194	25.6		
1150			200	7.05	10.50	21.15	265	2.84	189	29.3		
1155			200	7.06	10.26	21.07	254	2.82	171	29.2		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	Sampler(s) Signature:	Flow Rate (mL/min):	Sampling Initiated:	Sampling Ended:
	3OC10			

Field Decontamination:	Field-Filtered:	Filter Size:	Filtration Equipment Type:	Duplicate:
Y N	Y N	µm		Y N

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code

Remarks: Called in - was approved to sample 1155

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP:** +/- 10 mV **Turbidity** all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

Solutions
Industrial & Environmental Services

GROUNDWATER SAMPLING LOG

Project Number: C010	**Date:** 7/29
Project/Site:	**Weather Conditions:**
Site Location:	**Sampling Personnel:**

PURGING DATA

Well Diameter (in.):	Tubing Diameter (in.):	Tubing:	Static Depth to Water (ft):	Purge pump type:	Well ID:
1 2 3 4	1/4 3/8 1/2	LDPE Teflon	8.53	Peristaltic, Bladder, Bailer Other _____	MW-1

Initial Pump or Tubing Depth in well (ft):	Avg. Purge Flow Rate (mL/min):	Total Volume Purged (Gallons):	Screened Interval (ft bgs):
	220		

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	End Time
1015			220	8.61	4.18	21.95	39	1.74	15.44	64.8		
1020			220	8.61	4.06	21.63	39	1.53	13.54	68.7		
1025			220	8.60	3.85	21.92	39	1.14	12.20	70.7		
1030			220	8.61	3.78	21.64	40	1.09	8.79	76.8		
1035			220	8.61	3.82	21.51	39	1.01	7.62	78.9		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	Sampler(s) Signature:	Flow Rate (mL/min):	Sampling Initiated:	Sampling Ended:
	BG			

Field Decontamination:	Field-Filtered:	Filter Size:	Filtration Equipment Type:	Duplicate:
Y N	Y N	µm		Y N

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
MW-1					VOC	
MW-1					Dioxane	

Remarks:

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP**: +/- 10 mV **Turbidity**: all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

Solutions
Industrial & Environmental Services

GROUNDWATER SAMPLING LOG

Project Number: 6010	**Date:** 7/29
Project/Site:	**Weather Conditions:**
Site Location:	**Sampling Personnel:**

PURGING DATA

Well Diameter (in.):	Tubing Diameter (in.):	Tubing:	Static Depth to Water (ft):	Purge pump type:	Well ID:
1 (2) 3 4	1/4 (3/8) 1/2	LDPE Teflon	6.37	Peristaltic, Bladder, Bailer Other _____	MW-11

Initial Pump or Tubing Depth in well (ft):	Avg. Purge Flow Rate (mL/min):	Total Volume Purged (Gallons):	Screened Interval (ft bgs):
	160		

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	End Time
855			160	6.90	6.05	22.67	354	0.70	196	94.3		
905			160	6.93	6.32	22.42	306	0.59	152	79.9		
915			160	6.93	6.40	23.12	293	0.31	117	61.1		
925			160	6.92	6.44	23.81	287	0.27	104	57.5		
935			160	6.93	6.41	23.26	282	0.25	94	42.2		
945			160	6.93	6.38	23.13	278	0.20	84	39.8		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	Sampler(s) Signature:	Flow Rate (mL/min):	Sampling Initiated:	Sampling Ended:
	BCC			

Field Decontamination:	Field-Filtered:	Filter Size:	Filtration Equipment Type:	Duplicate:
Y N	Y N	µm		Y N

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
PPG	MW-11				JOC	
Rabbit	MW-11				1,4 Dioxane	

Remarks:

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP**: +/- 10 mV **Turbidity**: all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

Solutions
Industrial & Environmental Services

GROUNDWATER SAMPLING LOG

Project Number: 6010	**Date:** 7/29
Project/Site:	**Weather Conditions:**
Site Location:	**Sampling Personnel:**

PURGING DATA

Well Diameter (in.):	**Tubing Diameter (in.):**	**Tubing:**	**Static Depth to Water (ft):**	**Purge pump type:**	**Well ID:**
1 (2) 3 4	1/4 (3/8) 1/2	LDPE Teflon	7.17	Peristaltic, Bladder, Bailer Other ____	MW-3

Initial Pump or Tubing Depth in well (ft):	**Avg. Purge Flow Rate (mL/min):**	**Total Volume Purged (Gallons):**	**Screened Interval (ft bgs):**
	180		

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	End Time
810			180	7.35	3.20	20.78	4440	1.03	10.39	199.6		
815			180	7.35	3.18	20.71	4442	0.93	9.63	198.8		
820			180	7.35	3.18	20.66	4588	0.83	8.50	195.0		
825			180	7.35	3.18	20.63	4453	0.60	5.96	193.8		
830			180	7.35	3.19	20.80	4500	0.46	7.42	192.1		
835			180	7.35	3.20	20.82	4506	0.40	3.94	192.4		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	**Sampler(s) Signature:**	**Flow Rate (mL/min):**	**Sampling Initiated:**	**Sampling Ended:**
	[signature]			

Field Decontamination:	**Field-Filtered:**	**Filter Size:**	**Filtration Equipment Type:**	**Duplicate:**
Y N	Y N	µm		Y N

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
MW-3					VOC	

Remarks:

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP**: +/- 10 mV **Turbidity**: all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

Project Number: G010	**Date:** 7/28
Project/Site:	**Weather Conditions:**
Site Location:	**Sampling Personnel:**

PURGING DATA

Well Diameter (in.):	**Tubing Diameter (in.):**	**Tubing:**	**Static Depth to Water (ft):**	**Purge pump type:**	**Well ID:**
1 (2) 3 4	1/4 (3/8) 1/2	LDPE Teflon	7.40	Peristaltic, Bladder, Bailer Other _____	MW-2

Initial Pump or Tubing Depth in well (ft):	**Avg. Purge Flow Rate (mL/min):**	**Total Volume Purged (Gallons):**	**Screened Interval (ft bgs):**
	210		

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	End Time
1550			210	7.75	5.55	23.13	92	1.2	10.05	64.5		
1555			210	7.75	5.97	25.96	94	0.57	13.63	73.0		
1600			210	7.75	5.98	24.21	94	0.37	9.65	65.7		
1605			210	7.75	5.98	24.27	94	0.31	6.21	61.7		
1610			210	7.75	5.98	24.17	94	0.30	6.89	60.8		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	**Sampler(s) Signature:**	**Flow Rate (mL/min):**	**Sampling Initiated:**	**Sampling Ended:**
	BOG			

Field Decontamination:	**Field-Filtered:**	**Filter Size:**	**Filtration Equipment Type:**	**Duplicate:**
Y N	Y N	µm		(Y) N

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
MW-2					VOC	
Dup-1					VOC	Dup-1

Remarks:

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP:** +/- 10 mV **Turbidity:** all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

Project Number: 6010	**Date:** 7/28
Project/Site:	**Weather Conditions:**
Site Location:	**Sampling Personnel:**

PURGING DATA

Well Diameter (in.):	**Tubing Diameter (in.):**	**Tubing:**	**Static Depth to Water (ft):**	**Purge pump type:**	**Well ID:**
1 (2) 3 4	1/4 (3/8) 1/2	LDPE Teflon	10.20	Peristaltic, Bladder, Bailer Other _____	MW-6

Initial Pump or Tubing Depth in well (ft):	**Avg. Purge Flow Rate (mL/min):**	**Total Volume Purged (Gallons):**	**Screened Interval (ft bgs):**
	220		

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	End Time
1420			220	10.23	6.50	22.50	197	1.96	556	86.6		
1430			220	10.24	6.15	21.55	175	0.85	466	94.9		
1440			220	10.25	5.98	21.99	143	0.48	304	90.7		
1450			220	10.25	6.21	21.77	137	0.30	212	75.8		
1500			220	10.25	5.97	21.11	132	0.28	151	86.4		
1510			220	10.25	5.97	21.14	128	0.23	127	85.4		
1520			220	10.25	6.13	21.92	123	0.21	107	78.6		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	**Sampler(s) Signature:**	**Flow Rate (mL/min):**	**Sampling Initiated:**	**Sampling Ended:**

Field Decontamination:	**Field-Filtered:**	**Filter Size:**	**Filtration Equipment Type:**	**Duplicate:**
Y N	Y N	µm		Y N

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code

Remarks: called in was approved to sample 1520

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Suhmersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP**: +/- 10 mV **Turbidity**: all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

Project Number: 1010	**Date:** 7/28
Project/Site:	**Weather Conditions:**
Site Location:	**Sampling Personnel:**

PURGING DATA

Well Diameter (in.):	Tubing Diameter (in.):	Tubing:	Static Depth to Water (ft):	Purge pump type:	Well ID:
1 (2) 3 4	1/4 (3/8) 1/2	LDPE Teflon	10.78	Peristaltic, Bladder, Bailer Other _____	MW-7

Initial Pump or Tubing Depth in well (ft):	Avg. Purge Flow Rate (mL/min):	Total Volume Purged (Gallons):	Screened Interval (ft bgs):
	200		

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	End Time
1310			200	11.00	6.49	20.67	235	0.84	232	100.1		
1320			200	11.01	6.28	21.38	235	0.46	211	88.1		
1330			200	11.01	6.22	20.68	232	0.40	152	80.2		
1340			200	11.01	6.20	20.29	214	0.35	74.9	62.4		
1350			200	11.01	5.99	20.03	192	0.37	40.3	58.5		
1400			200	11.01	6.02	20.93	180	0.39	29.4	47.9		
1405			200	11.01	6.07	20.46	179	0.59	27.2	45.7		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	Sampler(s) Signature:	Flow Rate (mL/min):	Sampling Initiated:	Sampling Ended:

Field Decontamination:	Field-Filtered:	Filter Size:	Filtration Equipment Type:	Duplicate:
Y N	Y N	µm		Y N

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
					VOC	
					Dioxane	

Remarks: Sheen on purge water

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP**: +/- 10 mV **Turbidity**: all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

Project Number: 60010	**Date:** 7/28
Project/Site:	**Weather Conditions:**
Site Location:	**Sampling Personnel:**

PURGING DATA

Well Diameter (in.):	**Tubing Diameter (in.):**	**Tubing:**	**Static Depth to Water (ft):**	**Purge pump type:**	**Well ID:**
1 (2) 3 4	1/4 (3/8) 1/2	LDPE Teflon	8.95	Peristaltic, Bladder, Bailer Other _____	MW-9

Initial Pump or Tubing Depth in well (ft):	**Avg. Purge Flow Rate (mL/min):**	**Total Volume Purged (Gallons):**	**Screened Interval (ft bgs):**
	200		

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	End Time
1220			200	9.05	5.81	21.18	87	1.07	132	90.0		
1230			200	9.11	5.75	21.63	84	0.70	102	22.4		
1235			200	9.12	5.54	21.60	73	0.56	82	64.9		
1240			200	9.12	4.95	22.62	81	0.51	85.3	9.8		
1245			200	9.12	4.99	22.46	77	0.50	82.6	9.6		
1250			200	9.12	5.01	22.57	72	0.48	84.2	10.3		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	**Sampler(s) Signature:**	**Flow Rate (mL/min):**	**Sampling Initiated:**	**Sampling Ended:**
	[signature]			

Field Decontamination:	**Field-Filtered:**	**Filter Size:**	**Filtration Equipment Type:**	**Duplicate:**
Y N	Y N	µm		Y N

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
MW-9					VOC	

Remarks: Turb. was not going down

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP**: +/- 10 mV **Turbidity**: all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

Project Number: 6010	**Date:** 7/28
Project/Site:	**Weather Conditions:**
Site Location:	**Sampling Personnel:**

PURGING DATA

Well Diameter (in.):	Tubing Diameter (in.):	Tubing:	Static Depth to Water (ft):	Purge pump type:	Well ID:
1 (2) 3 4	1/4 (3/8) 1/2	LDPE Teflon		Peristaltic, Bladder, Bailer Other _____	MW-8

Initial Pump or Tubing Depth in well (ft):	Avg. Purge Flow Rate (mL/min):	Total Volume Purged (Gallons):	Screened Interval (ft bgs):
	180 ml/min		

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	End Time
1050			180	7.25	5.43	20.27	225	0.95	44.0	163.5		
1055			180	7.70	5.50	20.29	218	0.79	110	161.9		
1100			180	7.75	5.61	20.57	178	0.60	177	141.7		
1105			180	7.80	5.65	20.26	159	0.45	106	135.9		
1110			180	7.82	5.64	19.97	167	0.46	71.6	132.6		
1115			180	7.85	5.65	19.99	161	0.43	82.2	129.5		
1120			180	7.89	5.62	19.86	151	0.58	68.7	129.2		
1125			180	7.89	5.63	20.09	152	0.34	62.3	126.8		
1130			180	7.89	5.64	19.97	154	0.32	54.9	124.9		
1135			180	7.90	5.61	19.81	157	0.30	47.3	126.4		
1155			180	7.89	5.63	20.45	160	0.31	19.6	121.3		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	Sampler(s) Signature:	Flow Rate (mL/min):	Sampling Initiated:	Sampling Ended:
	BGL			

Field Decontamination:	Field-Filtered:	Filter Size:	Filtration Equipment Type:	Duplicate:
Y N	Y N	µm		Y N

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
MW-8					VOC	

Remarks: called in was approved to sample 1200

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP**: +/- 10 mV **Turbidity**: all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

Project Number: 6010	**Date:** 7/28
Project/Site: Eaton Selma	**Weather Conditions:**
Site Location:	**Sampling Personnel:**

PURGING DATA

Well Diameter (in.):	Tubing Diameter (in.):	Tubing:	Static Depth to Water (ft):	Purge pump type:	Well ID:
1 (2) 3 4	1/4 (3/8) 1/2	LDPE Teflon		Peristaltic, Bladder, Bailer Other _____	MW-4
Initial Pump or Tubing Depth in well (ft):	**Avg. Purge Flow Rate (mL/min):** 250			**Total Volume Purged (Gallons):**	**Screened Interval (ft bgs):**

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	End Time
1010			250	7.75	3.54	19.83	2876	1.60	61.5	228.0		
1015			250	7.80	3.52	19.51	2872	1.00	42.6	218.7		
1020			250	7.81	3.52	19.47	2875	0.98	42.0	218.5		
1025			250	7.80	3.52	19.72	2877	0.81	19.6	216.7		
1030			250	7.80	3.54	19.70	2881	0.70	18.9	214.2		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	Sampler(s) Signature:	Flow Rate (mL/min):	Sampling Initiated:	Sampling Ended:
	BOE			

Field Decontamination:	Field-Filtered:	Filter Size:	Filtration Equipment Type:	Duplicate:
Y N	Y N	µm		Y N

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
MW-4					VOC	
					SVOC 17 Oxalate	

Remarks:

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP**: +/- 10 mV **Turbidity**: all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

F2. FIELD EVENT #4 GROUNDWATER SAMPLING LOGS

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GROUNDWATER SAMPLING LOG

Project Number: 6010		**Date:** 6-27-11	
Project/Site: Eaton - Selma		**Weather Conditions:** 90° Sunny	
Site Location: Selma, NC		**Sampling Personnel:** SKS / JPT	

PURGING DATA

Well Diameter (in.):	Tubing Diameter (in.):	Tubing:	Static Depth to Water (ft):	Purge pump type:	Well ID:
1 (2) 3 4	(1/4) 3/8 1/2	(LDPE) Teflon	11.17	(Peristaltic), Bladder, Bailer Other ____	AMW-125

Initial Pump or Tubing Depth in well (ft):	Avg. Purge Flow Rate (mL/min):	Total Volume Purged (Gallons):	Screened Interval (ft bgs):
2' off bottom	125 ml/min	—	13-23

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	End Time
1025			125	11.18	3.14	18.88	8476	1.58	13.26	286.8	clear	
1030			125	11.19	3.55	18.87	8437	0.79	15.31	281.4		
1035			125	11.19	3.35	18.79	8453	0.61	1.06	280.9		
1040			125	11.19	3.30	18.71	8446	0.53	0.92	285.3		
1045			125	11.19	3.28	18.69	8285	0.49	0.87	290.1		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	Sampler(s) Signature:	Flow Rate (mL/min):	Sampling Initiated:	Sampling Ended:
SKS / JPT	[signature]	125	1050	1055

Field Decontamination:	Field-Filtered:	Filter Size:	Filtration Equipment Type:	Duplicate:
Y (N)	Y (N)	— µm	—	Y (N)

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
	3	VOA	40	HCL	8260	PP

Remarks: 1050 Sample time.

Field Kits: N/A

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP:** +/- 10 mV **Turbidity:** all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

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Industrial & Environmental Services

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GROUNDWATER SAMPLING LOG

Project Number: 6010		**Date:** 6/27/11	
Project/Site: Eaton Selma		**Weather Conditions:** 90's Sunny	
Site Location: Selma, NC		**Sampling Personnel:** SKJ, JPT	

PURGING DATA

Well Diameter (in.):	**Tubing Diameter (in.):**	**Tubing:**	**Static Depth to Water (ft):**	**Purge pump type:**	**Well ID:**
1 (2) 3 4	(1/4) 3/8 1/2	(LDPE) Teflon	11.74	(Peristaltic), Bladder, Bailer Other _____	AMW-1S

Initial Pump or Tubing Depth in well (ft):	**Avg. Purge Flow Rate (mL/min):**	**Total Volume Purged (Gallons):**	**Screened Interval (ft bgs):**
21' off bottom	125	—	—

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	End Time
1105			125	11.78	3.44	17.86	2922	1.11	11.74	275.3	Clear	
1110			125	11.78	3.78	17.87	2912	0.58	7.44	272.3		
1115			125	11.78	3.61	17.96	2814	0.38	7.05	272.1		
1120			125	11.78	3.56	17.99	2344	0.31	2.41	268.9		
1125			125	11.78	3.53	18.10	2091	0.27	1.99	266.5		
1130			125	11.78	3.49	18.24	1826	0.25	1.52	262.7		
1135			125	11.78	3.51	18.31	1695	0.23	2.93	255.7		
1140			125	11.78	3.52	18.26	1677	0.22	3.02	256.0		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	**Sampler(s) Signature:**	**Flow Rate (mL/min):**	**Sampling Initiated:**	**Sampling Ended:**
SKJ	[signature]	125	11:45	1150

Field Decontamination:	**Field-Filtered:**	**Filter Size:**	**Filtration Equipment Type:**	**Duplicate:**
Y (N)	Y (N)	— µm	—	(Y) (N)

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
	3	VOA	40 m	HCl	8260	

Remarks: collected Dup-1 11:45 Sample time

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP:** +/- 10 mV **Turbidity:** all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

Project Number:	6010	**Date:**	6/27
Project/Site:	Eaton- Selma	**Weather Conditions:**	90's Sunny
Site Location:	Selma, NC	**Sampling Personnel:**	SJ, JT

PURGING DATA

Well Diameter (in.):	Tubing Diameter (in.):	Tubing:	Static Depth to Water (ft):	Purge pump type:	Well ID:
1 (2) 3 4	1/4 (3/8) 1/2	(LDPE) Teflon	6.74	(Peristaltic), Bladder, Bailer Other _____	MW-14
Initial Pump or Tubing Depth in well (ft): 2' off bottom	**Avg. Purge Flow Rate (mL/min):** 100 ml/min		**Total Volume Purged (Gallons):** —		**Screened Interval (ft bgs):** —

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	End Time
1215			100	9.30	6.25	21.92	244	0.53	679.8	124.7	cloudy	
1220			100	10.15	6.32	22.27	244	0.47	236.3	113.3		
1225			100	10.58	6.34	22.73	243	0.47	144.2	106.1		
1230			100	10.98	6.39	23.25	244	0.45	245.7	102.1		
1235			100	11.02	6.42	23.28	244	0.42	198.1	94.5		
1240			100	11.08	6.46	23.19	244	0.47	187.0	89.0		
1245			100	11.73	6.52	23.13	240	0.47	243.9	73.9		
1250			100	12.12	6.54	23.19	238	0.45	240.1	71.3		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	Sampler(s) Signature:	Flow Rate (mL/min):	Sampling Initiated:	Sampling Ended:
SJ/JT	[signature]	100	1255	1300

Field Decontamination:	Field-Filtered:	Filter Size:	Filtration Equipment Type:	Duplicate:
Y (N)	Y (N)	— µm	—	Y (N)

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
	3	VOA	40m	HCL	8260	PP

Remarks:

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP:** +/- 10 mV **Turbidity:** all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

Project Number:	6010	**Date:**	6/27/11
Project/Site:	Eaton - Selma	**Weather Conditions:**	80's Sunny
Site Location:	Selma, NC	**Sampling Personnel:**	SJ, JT

PURGING DATA

Well Diameter (in.):	Tubing Diameter (in.):	Tubing:	Static Depth to Water (ft):	Purge pump type:	Well ID:
1 (2) 3 4	1/4 (3/8) 1/2	(LDPE) Teflon	7.27	(Peristaltic), Bladder, Bailer Other ____	MW-15

Initial Pump or Tubing Depth in well (ft):	Avg. Purge Flow Rate (mL/min):	Total Volume Purged (Gallons):	Screened Interval (ft bgs):
2' off bot	120	—	—

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	End Time
1320			120	8.68	10.90	25.19	567	1.18	28.83	-33.9	Cloudy	
1325			120	9.02	10.98	25.57	575	0.46	19.86	-45.7	Clear	
1330			120	10.00	10.98	24.16	598	0.33	17.51	-56.4		
1335			120	10.80	10.97	23.61	609	0.24	13.91	-61.7		
1340			120	11.66	10.97	22.69	622	0.19	12.15	-68.2		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	Sampler(s) Signature:	Flow Rate (mL/min):	Sampling Initiated:	Sampling Ended:
SJ/JT	[signature]	120	1345	

Field Decontamination:	Field-Filtered:	Filter Size:	Filtration Equipment Type:	Duplicate:
Y (N)	Y (N)	— µm	—	Y (N)

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
	3	VOA	40m	HCL	8260 U	PP

Remarks:

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP:** +/- 10 mV **Turbidity:** all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

Project Number: 6010	**Date:** 6/27/11
Project/Site: Eaton Selma	**Weather Conditions:** 70's Sunny
Site Location: Selma, NC	**Sampling Personnel:** SJ / JT

PURGING DATA

Well Diameter (in.):	Tubing Diameter (in.):	Tubing:	Static Depth to Water (ft):	Purge pump type:	Well ID:
1 (2) 3 4	1/4 (3/8) 1/2	(LDPE) Teflon	10.29	(Peristaltic) Bladder, Bailer Other ____	MW-13

Initial Pump or Tubing Depth in well (ft):	Avg. Purge Flow Rate (mL/min):	Total Volume Purged (Gallons):	Screened Interval (ft bgs):
2 off bot	125		—

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	~~End Time~~
1405			125	10.55	7.22	21.24	153	0.73	155.2	-115.1	Clear/Cloudy	
1410			125	10.55	6.57	20.91	145	0.55	150.6	-106.1		
1415			125	10.55	6.15	21.43	151	0.42	145.3	-100.3		
1420			125	10.55	6.02	21.39	142	0.45	145.4	-97.9		
1425			125	10.55	5.94	20.70	134	0.44	121.7	-93.3		
1430			125	10.55	5.95	20.14	132	0.41	88.49	-93.6		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	Sampler(s) Signature:	Flow Rate (mL/min):	Sampling Initiated:	Sampling Ended:
SJ / JT	[signature]	125	1435	1440

Field Decontamination:	Field-Filtered:	Filter Size:	Filtration Equipment Type:	Duplicate:
Y (N)	Y (N)	— µm	—	Y (N)

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
	3	Vom	40ml	HCL	8260	PP

Remarks:

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP:** +/- 10 mV readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

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Project Number: 6010	Date: 6/28/11
Project/Site: Eaton, Selma	Weather Conditions: 90's Sunny
Site Location: Selma, NC	Sampling Personnel: SJ, JPT

PURGING DATA

Well Diameter (in.):	Tubing Diameter (in.):	Tubing:	Static Depth to Water (ft):	Purge pump type:	Well ID:
1 (2) 3 4	(1/4) 3/8 1/2	(LDPE) Teflon	10.90	(Peristaltic), Bladder, Bailer Other ____	AMW-165

Initial Pump or Tubing Depth in well (ft):	Avg. Purge Flow Rate (mL/min):	Total Volume Purged (Gallons):	Screened Interval (ft bgs):
	200		

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	~~End Time~~
835			200	10.93	4.73	21.06	1632	1.56	6.68	235.2	Clear	
840			200	10.93	4.05	20.85	1753	0.86	2.36	264.1		
845			200	10.93	4.31	20.76	1979	0.55	3.76	291.1		
850			200	10.93	5.36	20.80	2124	0.47	1.70	311.2		
855			200	10.93	4.58	20.97	2175	0.38	0.25	340.6		
900			200	10.93	4.47	20.91	2190	0.36	0.43	350.4		
905			200	10.93	4.09	21.16	2186	0.30	0.57	361.3		
910			200	10.93	3.77	21.28	2186	0.29	0.59	365.1		
915			200	10.93	3.75	21.22	2184	0.27	0.18	371.3		
920			200	10.93	3.75	21.21	2185	0.28	1.77	374.2		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	Sampler(s) Signature:	Flow Rate (mL/min):	Sampling Initiated:	Sampling Ended:
SJ, JT	[signature]	200	920	925

Field Decontamination:	Field-Filtered:	Filter Size:	Filtration Equipment Type:	Duplicate:
Y (N)	Y (N)	µm		Y (N)

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
	3	VOA	40 ml	HCL	8260	PP

Remarks:

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP:** +/- 10 mV **Turbidity:** all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

Project Number: 6010	Date: 6/28/11
Project/Site: Carter Selma	Weather Conditions: 90's Sunny
Site Location: Selma, NC	Sampling Personnel: SJ/JT

PURGING DATA

Well Diameter (in.):	Tubing Diameter (in.):	Tubing:	Static Depth to Water (ft):	Purge pump type:	Well ID:
1 (2) 3 4	(1/4) 3/8 1/2	(LDPE) Teflon	11.20	(Peristaltic), Bladder, Bailer Other ____	AP Z - 01

Initial Pump or Tubing Depth in well (ft):	Avg. Purge Flow Rate (mL/min):	Total Volume Purged (Gallons):	Screened Interval (ft bgs):
2' off bot	190	—	12-22

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	~~End Time~~
950			190	11.26	3.36	18.08	2668	1.01	21.91	329.3	Clear	
955			190	11.27	3.33	17.51	2529	0.52	7.70	355.8		
1000			190	11.27	3.32	17.62	2491	0.41	7.04	377.6		
1005			190	11.27	3.31	17.65	2469	0.34	4.52	398.4		
1010												

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	Sampler(s) Signature:	Flow Rate (mL/min):	Sampling Initiated:	Sampling Ended:
SJ/JT	[signature]	190	1015	1020

Field Decontamination:	Field Filtered:	Filter Size:	Filtration Equipment Type:	Duplicate:
Y (N)	Y (N)	— µm	—	Y (N)

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
	3	VIA	40m	HCL	8260	PP

Remarks:

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP:** +/- 10 mV **Turbidity:** all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

Project Number: 6010	Date: 6-28-11
Project/Site: Eaton - Selma	Weather Conditions: 90W Sunny
Site Location: Selma, NC	Sampling Personnel: SJ/JT

PURGING DATA

Well Diameter (in.):	Tubing Diameter (in.):	Tubing:	Static Depth to Water (ft):	Purge pump type:	Well ID:
1 (2) 3 4	(1/4) 3/8 1/2	(LDPE) Teflon	11.69	(Peristaltic), Bladder, Bailer Other ____	AMW-17S

Initial Pump or Tubing Depth in well (ft):	Avg. Purge Flow Rate (mL/min):	Total Volume Purged (Gallons):	Screened Interval (ft bgs):
2' off bot	130		—

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	~~End Time~~
1030			130	11.82	3.37	22.18	2677	0.88	5.20	387.9	CLEAR	
1035			130	11.81	3.34	22.32	2683	0.61	3.48	404.7		
1040			130	11.82	3.34	21.64	2704	0.43	9.57	400.2		
1045			130	11.82	3.33	21.09	2701	0.33	1.98	404.3		
1050			130	11.82	3.33	21.66	2697	0.29	1.89	412.7		

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	Sampler(s) Signature:	Flow Rate (mL/min):	Sampling Initiated:	Sampling Ended:
SJ/JT	[signature]	130	1050	1054

Field Decontamination:	Field-Filtered:	Filter Size:	Filtration Equipment Type:	Duplicate:
Y (N)	Y (N)	— µm	—	Y (N)

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
AMW-17S	3	VOA	40m	HCL	8260	PP

Remarks:

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP:** +/- 10 mV **Turbidity:** all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

Solutions
Industrial & Environmental Services

GROUNDWATER SAMPLING LOG

Project Number: 6010	Date: 6/28/11
Project/Site: Eaton- Selma	Weather Conditions: 90" Sunny
Site Location: Selma, NC	Sampling Personnel: SS/JT

PURGING DATA

Well Diameter (in.):	Tubing Diameter (in.):	Tubing:	Static Depth to Water (ft):	Purge pump type:	Well ID:
1 (2) 3 4	(1/4) 3/8 1/2	(LDPE) Teflon	11.97	(Peristaltic), Bladder, Bailer Other ____	AMW-18S

Initial Pump or Tubing Depth in well (ft):	Avg. Purge Flow Rate (mL/min):	Total Volume Purged (Gallons):	Screened Interval (ft bgs):
2' off bottom	120	—	—

Start Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate: (mL/min)	Depth to Water (ft)	pH (SU)	Temp (°C)	Cond (µs/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (m/v)	Color, Odor (describe)	~~End Time~~
1120			120	12.02	6.60	19.50	308	1.25	51.99	252.2	cloudy	
1125			120	12.02	5.97	19.50	302	1.16	39.58	234.5	↓	
1130			120	12.02	5.85	19.88	300	1.13	36.35	222.2	clear	
1135			120	12.02	5.81	19.83	299	1.09	29.68	212.9	↓	
1140			120	12.02	5.78	19.65	296	1.05	25.36	207.0	↓	
1145			120	12.02	5.74	19.58	293	0.97	20.90	199.3	↓	

Well Capacity (Gallons/Foot): **0.75"** = 0.02 **1"** = 0.04 **1.25"** = 0.06 **2"** = 0.16 **3"** = 0.37 **4"** = 0.65 **5"** = 1.02 **6"** = 1.47 **12"** = 5.88

Tubing Inside Diameter Capacity (Gallons/Foot): **1/8"** = 0.0006 **3/16"** = 0.0014 **1/4"** = 0.0026 **5/16"** = 0.004 **3/8"** = 0.006 **1/2"** = 0.010 **5/8"** = 0.016

SAMPLING DATA

Sampled By (initials):	Sampler(s) Signature:	Flow Rate (mL/min):	Sampling Initiated:	Sampling Ended:
SS/JT	[signature]	120	1150	1155

Field Decontamination:	Field Filtered:	Filter Size:	Filtration Equipment Type:	Duplicate:
Y (N)	Y (N)	— µm	—	Y (N)

SAMPLE CONTAINER INFORMATION

Sample ID	# Container	Container Type	Volume	Preservative Used	Intended Analysis	Sampling Equipment Code
	3	VOA	40m	HCL	8260	PP

Remarks:

Field Kits:

Container Type: **AG** = Amber Glass **CG** = Clear Glass **PE** = Polyethylene **PP** = Polypropylene **S** = Silicone **T** = Teflon **O** = Other (Specify)

Sampling/Purging: **APP** = After Peristaltic Pump **B** = Bailer **BP** = Bladder Pump **ESP** = Electric Submersible Pump **PP** = Peristaltic Pump

Equipment Codes: **RFPP** = Reverse Flow Peristaltic Pump **SM** = Straw Method (Tubing Gravity Drain) **VT** = Vacuum Trap **O** = Other (Specify)

USEPA Stabilization criteria for range of variation of last three consecutive readings: **pH:** +/- 0.1 units **Temperature:** no criteria **Specific Conductance:** +/- 3% **ORP:** +/- 10 mV **Turbidity:** all readings < 10 NTU, or +/- 10% when turbidity > 10 NTU **Dissolved Oxygen:** +/- 0.3 mg/L or + 10% (whichever is greater)

APPENDIX G

LIMITED ACCESS AGREEMENT

LIMITED ACCESS AGREEMENT

This LIMITED RIGHT OF ACCESS AGREEMENT ("Agreement") is entered into by and between Exxon Mobil Corporation ("ExxonMobil"), Eaton Corporation ("Eaton"), an Ohio company, and Johnston County Industries, Inc. ("JCI") (ExxonMobil, Eaton and JCI are also individually referred to herein as a "Party" and collectively as the "Parties").

WHEREAS, Eaton is conducting an environmental investigation of the property located at 1100 East Preston Street, Selma, North Carolina, which property is currently owned by JCI (the "JCI Property"). As part of the investigation, Eaton has installed groundwater monitoring wells on the JCI Property.

WHEREAS, ExxonMobil is conducting an environmental investigation of the property located at 404 East Preston Street, Selma, North Carolina, which property is currently owned by the NSEW Corporation (the "NSEW Property"). As part of the investigation, ExxonMobil has installed groundwater monitoring wells on the NSEW Property.

WHEREAS, Eaton has previously secured the right to access to the NSEW Property from NSEW Corporation for purposes conducting additional investigation of the soil and groundwater on the NSEW Property pursuant to a separate access agreement between NSEW Corporation and Eaton dated January 5, 2009.

WHEREAS, EATON desires to access certain of ExxonMobil's groundwater monitoring wells on the NSEW Property for purposes of conducting certain additional groundwater sampling and related measurements, and ExxonMobil is willing to grant Eaton permission to access the wells to conduct such groundwater monitoring upon the terms and conditions set forth in this Agreement.

WHEREAS, ExxonMobil desires to access certain of Eaton's groundwater monitoring wells on the JCI Property for purposes of conducting certain additional groundwater sampling and related measurements, and JCI and Eaton, respectively, are willing to grant ExxonMobil permission to access the JCI Property and Eaton's wells to conduct such groundwater monitoring upon the terms and conditions set forth in this Agreement.

NOW, THEREFORE, in consideration of the promises and mutual covenants and agreements contained herein, the Parties agree as follows:

1. GRANT OF ACCESS LICENSES

The Parties agree to the grants of the following non-exclusive access licenses, subject to the terms of this Agreement and for the limited purposes defined below ("Access Licenses"):

(a) Grant of Access License to Eaton

ExxonMobil grants Eaton and its contractors a non-exclusive license to access and utilize ExxonMobil's existing seven (7) existing groundwater monitoring wells identified as AMW-17S, AMW-18S, APZ-01, AMW-11S, AMW-16S, AMW-16S and AMW-12S, which are located in the locations depicted in the site map of the NSEW Property attached as Attachment 1 and incorporated herein by reference for purposes of performing water-level gauging and collecting

groundwater samples and associated field measurements. Eaton will analyze the groundwater samples collected from ExxonMobil's wells on the NSEW Property only for volatile organic compounds (VOCs) parameters.

(b) Grant of Access License to ExxonMobil

JCI grants ExxonMobil and its contractors a non-exclusive license to enter the JCI Property for the limited purpose of accessing and utilizing Eaton's existing groundwater monitoring wells identified in this Section 1(b). Eaton grants ExxonMobil and its contractors a non-exclusive license to access and utilize Eaton's existing groundwater monitoring wells on the JCI Property identified as MW-3, MW-4, MW-9 and MW-11, which are located in the locations depicted in the site map of the JCI Property identified as Attachment 2 and incorporated herein by reference, for purposes of performing water gauging and collecting groundwater samples and associated field measurements. ExxonMobil will analyze the groundwater samples collected from the Eaton wells on the JCI Property only for the following parameters: arsenic, lead, iron, manganese, fluoride, acidity, alkalinity and sulfate.

2. CONDITIONS OF ACCESS LICENSES

As conditions to the exercise of their respective Access Licenses provided in Section 1 above and with respect to their individual activities conducted pursuant to this Agreement, Eaton and ExxonMobil each agree to:

(a) be responsible for all associated costs (with no costs to be borne to any other Party);

(b) perform all activities in a prudent, workmanlike manner in accordance with all applicable legal requirements;

(c) take all required precautions relating to environmental, health and safety;

(d) take reasonable precautions and care to avoid and minimize damage to the monitoring wells and surrounding property, and to promptly correct and repair any damage that occurs due to their independent activities;

(e) remove and properly dispose of all groundwater and other materials used or generated during the activities in accordance with all applicable legal requirements; and

(f) avoid disruption of, and interference with, the current activities being conducted o n the subject properties.

3. NOTICE

Eaton will provide ExxonMobil with written notice at least five (5) days prior to accessing ExxonMobil's wells pursuant to this Agreement. ExxonMobil will provide Eaton and JCI with written notice at least five (5) days prior to entering the JCI Property and accessing Eaton's wells pursuant to this Agreement. The notice shall include the date and anticipated time and duration and of the

access, and may be transmitted by email to the respective contact persons for the Parties identified in Section 9.

4. RESULTS

Eaton and ExxonMobil agree to promptly provide one another with copies of the complete laboratory results that they respectively obtain for the groundwater sampling and analysis conducted by them pursuant to this Agreement.

5. INDEMNIFICATION

(a) Indemnification by ExxonMobil. ExxonMobil (on behalf of itself and any employees or contractors performing activities on its behalf under this Agreement) agrees to protect, hold harmless, defend and indemnify Eaton and JCI from and against any liabilities, loss, damage, claims, demands, costs and expenses (including reasonable attorneys' fees) caused by ExxonMobil's negligence, misconduct, or breach of this Agreement in conducting activities on the JCI Property pursuant to this Agreement or any mechanic's or materialmen's liens resulting from ExxonMobil's activities on the JCI Property.

(b) Indemnification by Eaton. Eaton (on behalf of itself and any employees or contractors performing activities on its behalf under this Agreement) agrees to protect, hold harmless, defend and indemnify ExxonMobil from and against any liabilities, loss, damage, claims, demands, costs and expenses (including reasonable attorneys' fees) caused by Eaton's negligence, misconduct, or breach of this Agreement in conducting activities on the NSEW Property pursuant to this Agreement or any mechanic's or materialmen's liens resulting from Eaton's activities on the NSEW Property.

6. NO ADMISSION OR ADDITIONAL RIGHTS & OBLIGATIONS.

The execution and existence of this Agreement does not constitute an admission of fact, law, or liability by any Party with respect to any matters or issues not specifically addressed in this Agreement. The rights and obligations granted by this Agreement are strictly limited to those provided herein and shall not be construed to establish any additional rights or obligations in favor of any Party or third parties.

7. INSURANCE

Eaton and ExxonMobil, or its consultant, agree to maintain the following insurance coverage during the duration of this Agreement:

(a) Commercial General Liability insurance with coverage of not less than US$2,000,000 each occurrence and US$2,000,000 in the aggregate including, but not limited to premises-operations, explosion and collapse hazard, underground hazard, products/completed operations, contractual liability, independent contractors, and personal injury.

(b) Worker's Compensation Insurance if required by state statutory requirements. This policy shall include Employer's Liability Insurance with a limit of not less than

US$1,000,000.

(c) Professional Liability Insurance of at least US $1,000,000 per claim.

(d) Business Automobile Insurance covering any car or vehicle (including owned, hired and non-owned cars or vehicles) with a limit of not less than US$2,000,000 each accident.

Upon request, ExxonMobil and Eaton will each provide copies of certificate of insurance evidencing such insurance coverage.

8. EFFECTIVE DATE, TERM & TERMINATION

This Agreement shall commence on the date on which all Parties have executed this Agreement (the "Effective Date") and shall automatically terminate one (1) year after the Effective Date. Prior to the automatic termination, this Agreement may be terminated by any Party without cause and for its own convenience by providing written notice to the other Parties. The termination of this Agreement shall not relieve any Party of its obligations under Sections 2 (Conditions of Access), 4 (Results), and 5 (Indemnification) of this Agreement.

9. NOTICES AND COMMUNICATIONS

All notices or other communications under this Agreement shall be directed as follows:

Eaton:	Eaton Corporation 1111 Superior Avenue Cleveland, Ohio 44113 Attention: Jeff Allen, Director of Environmental Services Telephone: 216-523-4777 Email: jeffpallen@eaton.com
With copy to:	Allegheny Environmental Services, Inc. 28 Oak Knoll Drive Pittsburgh, Pennsylvania 15238 Attention: Karen Souza Telephone: 412-767-4636 Email: ksouza_aesi@verizon.net
ExxonMobil:	ExxonMobil Environmental Services Company 17725 Esprit Drive Tampa, FL 33647 Telephone: 813-991-7413 Email: Bruce.r.frink@exxonmobil.com
With copy to:	ARCADIS U.S., Inc. 11000 Regency Parkway, Suite 205 Cary, NC 27518 Attention: William Anckner

Telephone: 919-415-2255
Email: William.anckner@arcadis-us.com

Johnston County Industries: Johnston County Industries
~~912 N Brightleaf Blvd.~~ 1100 East Preston Street
~~Smithfield, NC 27577~~ Selma, NC 27576
Attention: ~~John Shallcross~~ Vicki Shore
Email: j~~shallcrossjr@aol.com~~ vicki@jc industries.com
Telephone: 919-743-8700

10. SUCCESSORS AND ASSIGNS

This Agreement shall be binding upon and shall inure to the benefit of the Parties and their respective successors and assigns; provided, however, that no Party may assign or transfer any of its rights under this Agreement without the written consent of the other Parties. Except as provided in this Section 10, this Agreement does not benefit or establish any rights to any third party.

11. ENTIRE AGREEMENT

This Agreement, including the accompanying attachments, are the entire agreement between the Parties and may not be changed, altered or modified, except by written instrument signed by the Parties.

12. SEVERABILITY

If any part of this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remainder of the provisions hereof shall remain in full force and in effect and shall in no way be affected, impaired or invalidated.

13. APPLICABLE LAW

This Agreement shall be governed, construed, and enforced in accordance with the laws of the State of North Carolina.

14. ENFORCEMENT

The failure of any Party to insist upon strict performance of any of the provisions of this Agreement or to exercise any rights or remedies provided by this Agreement, shall not release any other Party from any responsibilities or obligations imposed by law or by this Agreement and shall not be deemed a waiver of any right of any other Party to insist upon strict performance of the Agreement.

16. COUNTERPARTS

This Agreement may be executed in counterparts, which counterparts together constituting one and the same document. A signature to this Agreement delivered by facsimile or email will be sufficient for all purposes of the Agreement.

[The remainder of this page has been left blank intentionally.]

IN WITNESS WHEREOF, the Parties enter into this Agreement, and agree to be bound by all terms and conditions as set forth in this Agreement. The signatories below certify that they have been duly authorized to enter into this Agreement.

EATON CORPORATION

By: Jeffrey Ch

Title: Manager, Environmental Services

Date: May 11, 2011

EXXON MOBIL CORPORATION

By: _____

Title: _____

Date: _____

JOHNSTON COUNTY INDUSTRIES, INC.

By: _____

Title: _____

Date: _____

IN WITNESS WHEREOF, the Parties enter into this Agreement, and agree to be bound by all terms and conditions as set forth in this Agreement. The signatories below certify that they have been duly authorized to enter into this Agreement.

EATON CORPORATION

By:_____

Title: _____

Date:_____

EXXON MOBIL CORPORATION

By: Alexander Jackrone

Title: Agent and Attorney in Fact

Date: 5/23/11

JOHNSTON COUNTY INDUSTRIES, INC.

By:_____

Title: _____

Date:_____

IN WITNESS WHEREOF, the Parties enter into this Agreement, and agree to be bound by all terms and conditions as set forth in this Agreement. The signatories below certify that they have been duly authorized to enter into this Agreement.

EATON CORPORATION

By:_____

Title: _____

Date:_____

EXXON MOBIL CORPORATION

By:_____

Title: _____

Date:_____

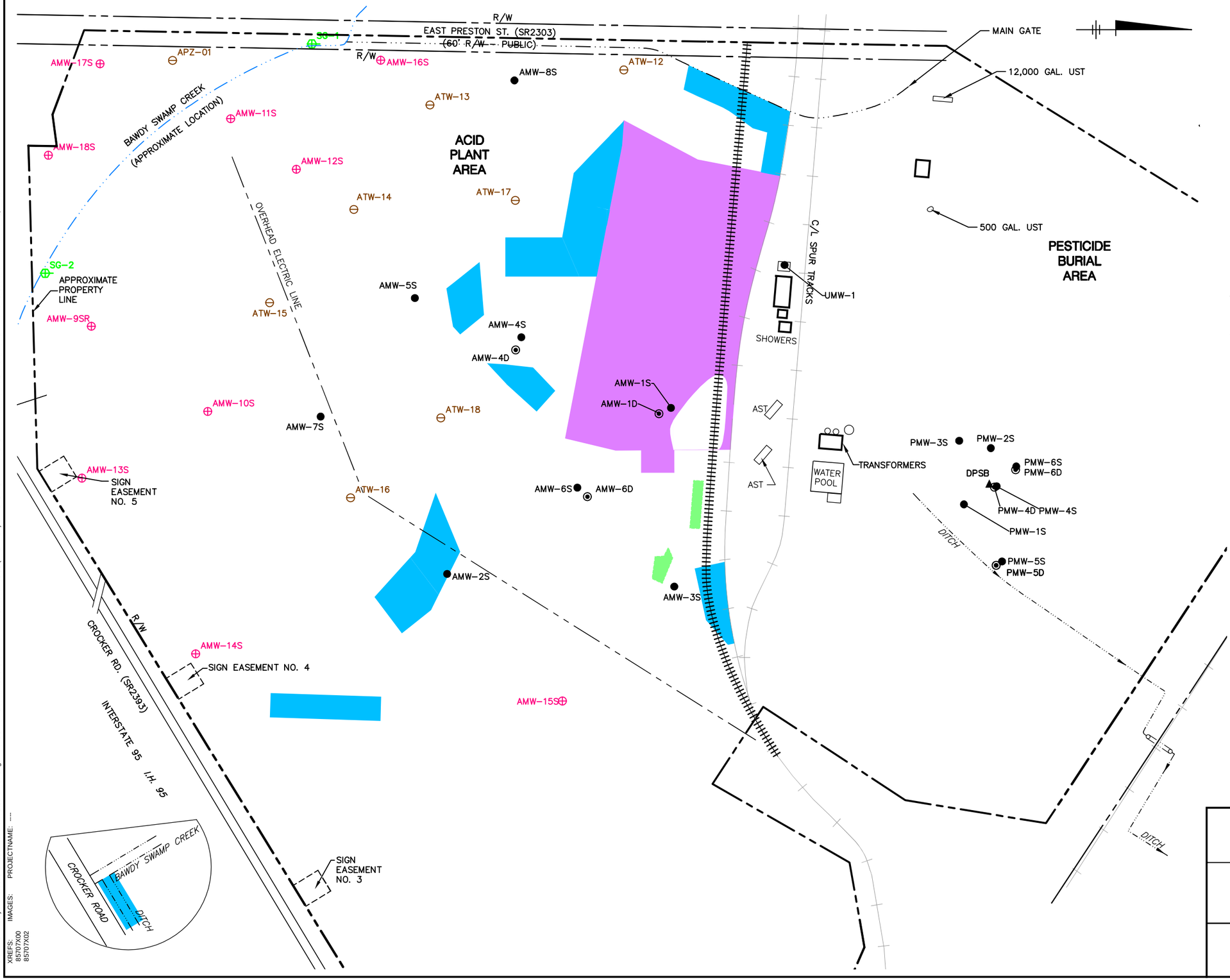
JOHNSTON COUNTY INDUSTRIES, INC.

By: Vah. R. Shore

Title: Executive Director

Date: 5/12/11

ATTACHMENT 1
NSEW SITE MAP WITH MONITORING WELL LOCATIONS



LEGEND:

- STAFF GAUGE LOCATION (JULY 2009)
- SHALLOW ZONE MONITORING WELL LOCATION (1994–2005)
- SHALLOW ZONE PIEZOMETER LOCATION (JULY 2009)
- SHALLOW ZONE MONITORING WELL LOCATION (JULY 2009)
- DEEP ZONE MONITORING WELL LOCATION (1994–2005)
- 2008 EXCAVATION AREA 0.5 – 1 FT REMOVAL DEPTH
- 2008 EXCAVATION AREA 1 – 4 FT REMOVAL DEPTH
- 2010 EXCAVATION AREA 3 – 4 FT REMOVAL DEPTH
- APPROXIMATE LIMITS OF EXISTING RAIL SPUR
- APPROXIMATE LIMITS OF NEW RAIL SPUR CONSTRUCTED IN 2010

NOTES:

1. BASE MAP REFERENCED FROM CONESTOGA–ROVERS ASSOCIATES 1995 REPORT. LOCATIONS OF MONITORING WELLS INSTALLED BEFORE 2009 PROVIDED BY L. DENNIS LEE, P.A., PROFESSIONAL LAND SURVEYOR, NOVEMBER 2003.
2. 2009 INVESTIGATION LOCATIONS PROVIDED BY TAYLOR WISEMAN & TAYLOR, NORTH CAROLINA REGISTERED LAND SURVEYOR, AUGUST 21, 2009.
3. SURVEY LOCATION PROVIDED IN NORTH CAROLINA STATE PLANE COORDINATE SYSTEM, NAD 83 DATUM.

0 200' 400'
GRAPHIC SCALE

EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY
GURLEY PESTICIDE BURIAL SITE
SELMA, NORTH CAROLINA

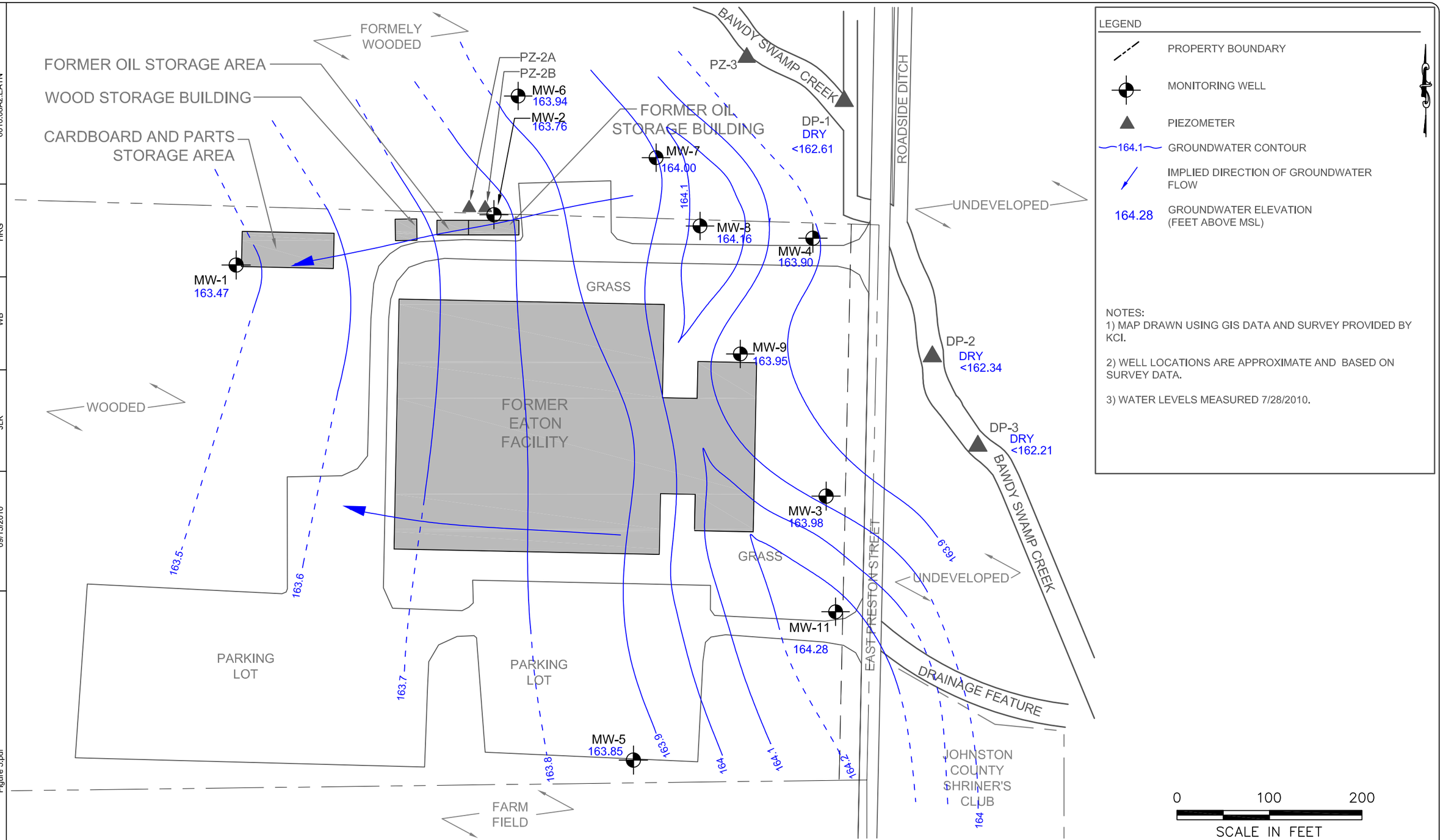
SITE PLAN

ARCADIS

FIGURE
2

CITY: (CARY, NC) SYRACUSE, NY GROUP: ENVCAD DB: (LELLIS), R. BASSETT, P. LISTER, A.Schilling PM: J. PURVIS TM: W. ANCKNER TR: M. SWENSSON LYR:ON=*;OFF=*REF*
G:\ENVCAD\Cary\ACT\B0085707\0031\00001\DWG\85707B01.dwg LAYOUT: 2 SAVED: 2/17/2011 12:11 PM ACADVER: 18.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 2/17/2011 12:27 PM BY: ELLIS, LEKOREY
XREFS: 85707X00 85707X02 IMAGES: PROJECTNAME: ----

ATTACHMENT 2
JCI SITE MAP WITH MONITORING WELL LOCATIONS



PROJECT NUMBER 6010.08A2.EATN | DRAFTER HRG | CHECKED BY WB | PROJECT MANAGER JLK | DATE 09/15/2010 | FILE Figure 5.pdf

Solutions-IES
Industrial & Environmental Services
1101 NOWELL ROAD
RALEIGH, NORTH CAROLINA 27607
TEL.: (919) 873-1060 FAX.: (919) 873-1074

NOTES:
1) BASEMAP OBTAINED FROM JIMMY BARBOUR SURVEYING, PA, APRIL 2008.
2) WELL LOCATIONS ARE BASED ON SURVEY DATA PROVIDED BY KCI ASSOCIATES OF N.C. JUNE 2008 & JULY 2010.
3) NEW BORING LOCATIONS ARE APPROXIMATE.
4) NC SOIL REMEDIATION GOAL = 5.2 µg/kg
5) J,E = REPORTED CONCENTRATION IS A LABORATORY ESTIMATE.

FORMER EATON FACILITY
1100 EAST PRESTON STREET
SELMA, JOHNSTON COUNTY, NC

GROUNDWATER ELEVATION MAP
JULY 2010

FIGURE: 5

AMENDMENT TO LIMITED ACCESS AGREEMENT

This AMENDMENT TO THE LIMITED RIGHT OF ACCESS AGREEMENT ("Agreement") (the "Amendment") is entered into by and between ExxonMobil Environmental Services Company ("EMES"), Eaton Corporation ("Eaton"), an Ohio and Johnson County Industries, Inc. ("JCI") (EMES, Eaton and JCI are also individually referred to herein as a "Party" and collectively as the "Parties").

WHEREAS, the Parties entered into a certain Limited Access Agreement dated May 23, 2011 (the "Limited Access Agreement").

WHEREAS, the Parties desire to modify the Limited Access Agreement as set forth in this Amendment.

WHEREAS, capitalized terms used but not defined in this Amendment shall have the meanings given to those terms in the Limited Access Agreement.

NOW, THEREFORE, in consideration of the promises and mutual covenants and agreements contained herein, the Parties agree as follows:

1. Section 1(b) of the Limited Access Agreement is modified to read as follows (with the modification indicated in the underlined text):

> (b) Grant of Access License to EMES
>
> JCI grants EMES and its contractors a non-exclusive license to enter the JCI Property for the limited purpose of accessing and utilizing Eaton's existing groundwater monitoring wells identified in this Section 1(b). Eaton grants EMES and its contractors a non-exclusive license to access and utilize Eaton's existing groundwater monitoring wells on the JCI Property identified as MW-3, MW-4, MW-9 and MW-11, which are located in the locations depicted in the site map of the JCI Property identified as Attachment 2 and incorporated herein by reference, as well as MW-1 and MW-5, for purposes of performing water gauging and collecting groundwater samples and associated field measurements. EMES will analyze the groundwater samples collected from the Eaton wells on the JCI Property only for the following parameters: arsenic, lead, iron, manganese, fluoride, acidity, alkalinity and sulfate.

2. The Limited Access Agreement (as amended by this Amendment) continues in full force and effect in accordance with its terms.

3. This Agreement shall be governed, construed, and enforced in accordance with the laws of the State of North Carolina.

[The remainder of this page has been left blank intentionally.]

IN WITNESS WHEREOF, the Parties enter into this Amendment, and agree to be bound by all terms and conditions as set forth in this Amendment. The signatories below certify that they have been duly authorized to enter into this Amendment.

EATON CORPORATION

By: Jeffrey Allen

Title: Manager, Environmental Programs

Date: 9/26/2011

EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY

By: _____

Title: _____

Date: _____

JOHNSON COUNTY INDUSTRIES, INC.

By: _____

Title: _____

Date: _____

IN WITNESS WHEREOF, the Parties enter into this Amendment, and agree to be bound by all terms and conditions as set forth in this Amendment. The signatories below certify that they have been duly authorized to enter into this Amendment.

EATON CORPORATION

By: Jeffrey Allen

Title: Manager Environmental Programs

Date: 9/26/2011

EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY

By: [illegible]

Title: Agent and Attorney in Fact

Date: 9/16/11

JOHNSON COUNTY INDUSTRIES, INC.

By: _____

Title: _____

Date: _____

IN WITNESS WHEREOF, the Parties enter into this Amendment, and agree to be bound by all terms and conditions as set forth in this Amendment. The signatories below certify that they have been duly authorized to enter into this Amendment.

EATON CORPORATION

By: Jeffrey Ale

Title: Manager Environmental Program

Date: Sept 26, 2011

EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY

By: _____

Title: _____

Date: _____

JOHNSON COUNTY INDUSTRIES, INC.

By: Vicki R. Shore

Title: Executive Director

Date: 9/15/11

APPENDIX H

IDW MANIFESTS AND AGREEMENT

Eaton Corporation
1111 Superior Avenue
Cleveland Ohio 44114
216-523-5000

September 8, 2008

Ms. Ann M. Borden, P.G.
President, Solutions-IES, Inc.
1101 Nowell Road
Raleigh, NC 27607

RE: Agreement to Sign Hazardous Waste Manifest as Agent of Eaton Corporation
Former Eaton Facility, 1100 East Preston Street, Selma, NC

Dear Ms. Borden:

Eaton Corporation understands the provisions of the laws governing the safe collection, transport, recycling, and disposal of Solid Waste, the Resource Conservation and Recovery Act ("RCRA"), and the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"). Eaton Corporation wishes to retain Solutions-IES to provide staff to document the removal of containerized hazardous waste materials from the above referenced site and sign a Uniform Hazardous Waste Manifest as Agent for Eaton Corporation. By agreeing to provide this service, Eaton Corporation will remain the Generator. Eaton Corporation understands and agrees that Title to the waste shall remain vested with Eaton Corporation.

Eaton Corporation hereby agrees to indemnify Solutions-IES, its officers, employees, agents, and representatives, from and against liability for all claims, losses, damages, and expenses, including reasonable attorneys fees in connection with any claims relating to Solutions-IES assisting Eaton Corporation in the disposal of waste materials, providing staff to document the removal of waste materials from the project site, executing manifests for Eaton Corporation, and the inadvertent or intentional collection, transportation and/or disposal of hazardous materials that may occur in connection with Solutions-IES' performance under this Agreement.

As generator, Eaton Corporation will provide Solutions-IES a description of the waste to be disposed and approve the disposal site. Eaton Corporation warrants that:

- The waste serviced by Solutions-IES will meet the waste description thereto in all material respects; and
- Eaton Corporation holds clear title to the waste and is under no legal restrictions or order which would prohibit servicing of such materials by Solutions-IES

Eaton Corporation understands that the proposal for performing the services requested as set forth in Solutions-IES Proposal No. NC08825P (September 2, 2008) is Solutions-IES' best estimate based on the information provided or made available by Eaton Corporation.

Yours Truly,

Jeffrey Allen, PG, CHMM
Manager, Waste and Environment
Environment, Health, Safety and Security

Document1

ENVIRONMENTAL AND INDUSTRIAL RESOURCES

1703 Vargrave Street
Winston-Salem, NC 27107
ph 336-725-5844
fax 336-725-6244

CERTIFICATE OF DISPOSAL

Evo Corporation does hereby certify that 1 drum of non-hazardous contaminated material received on 12/03/2009 from:

Generator: Eaton Corporation, Inc.

Originating at: 1100 East Preston Street
Selma, NC

EC Waste ID #: 120914

has been disposed of by Evo Corporation in a manner approved by the North Carolina Department of Environment and Natural Resources.

Thomas W. Hammett

Signature

Thomas W. Hammett
CEO
Evo Corporation

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net
NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 67449

GENERATOR INFORMATION

Generator: Eaton Corporation, Inc. Phone: 919-873-1060
Site Address: 1100 East Preston Street
City/State: Selma, NC Contact: Janet Macdonald

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): Material: Soil
Empty Weight (lbs): Contaminant: Non-Hazardous VOC's
Net Weight (lbs):

Quantity 1 = 800 lbs Tons Drums Pails Sacs Yards Other:

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 401 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Terry Craig Date: 12-3-09

FACILITY INFORMATION

Evo Project #: 120914

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: Linda Boger Date: 12/3/09

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

Evo Corporation, 2008

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NCD981858806
2. Page 1 of: 1
3. Emergency Response Phone: 919-873-1060
4. Manifest Tracking Number: 002215411 JJK

GENERATOR

5. Generator's Name and Mailing Address: Eaton Corporation, Inc
1111 Superior Avenue, Cleveland, OH
44114-2584
Generator's Phone:

Generator's Site Address (if different than mailing address): Eaton Corporation, Inc.
1100 East Preston Street
Selma, NC

6. Transporter 1 Company Name: Evo Corporation
U.S. EPA ID Number: NCD982114803

7. Transporter 2 Company Name: Evo Corporation
U.S. EPA ID Number: NCD982114803

8. Designated Facility Name and Site Address: Ecoflo, Inc
2750 Patterson Street, Greensboro, NC 27407
Facility's Phone: 336-855-7925
U.S. EPA ID Number: NCD980842132

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. Hazardous Waste, Liquid, N.O.S. 9, NA3082, PG III (Tetrachloroethene)	1	DM	50 lbs	P	F002 D039		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
9b.1 water 50AEL
EVO# 120914

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Christopher Dionne on behalf of Eaton Corp
Signature: [signature]
Month 12 Day 3 Year 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: TERRY CRAIG
Signature: Terry Craig
Month 12 Day 3 Year 09
Transporter 2 Printed/Typed Name: TERRY CRAIG
Signature: Terry Craig
Month 12 Day 15 Year 09

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Carol Berger
Signature: [signature]
Month 12 Day 15 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

A&D Environmental Services — Bill of Lading / Material Manifest

A&D Job No:	Generator ID Number	Page 1 of	Emergency Response Phone	Tracking Number
61812	NCD981858806	1	800-434-7750	00469

Generator's Name and Mailing Address
Eaton Corporation
1101 East Preston Street
Selma, NC 27576 USA
919-873-1060

Generator's site address (if different from mailing address)

Transporter 1 [X] 2 [ ] Company Name **A&D Environmental Services, Inc.** US EPA ID No: **NCD986232221**

Transporter 1 [ ] 2 [ ] Company Name **A&D Environmental Services (SC), LLC** US EPA ID No: **SCD987598331**

[X] Designated Facility	[ ] Designated Facility	[ ] Designated Facility	[ ] Designated Facility	[ ] Designated Facility
A&D Environmental Services, Inc. **2718 Uwharrie Road** **Archdale, NC 27263** **336-434-7750** **NCD986232221**	**A&D Environmental Services, Inc.** **3149 Lear Drive** **Burlington, NC 27215** **336-229-0058** **NCR000138628**	**A&D Environmental Services (SC), LLC** **1915 Brentwood Street** **High Point, NC 27260** **336-882-8000** **NCR000002501**	**A&D Environmental Services (SC), LLC** **1741 Calks Ferry Road** **Lexington, SC 29073** **803-957-9175** **SCD987598331**	**A&D Environmental Services (SC), LLC** **305 B South Main Street** **Mauldin, SC 29662** **803-967-3500** **SCR000765677**

HM	Hazardous Materials Shipping Name and Description (if applicable)	No.	Type	QTY	Wt/Vol	Profile Number
	Non-Regulated Material IDW-Liquids	006	DM	1800	P	

	Petroleum Products for Recycle		No.	Type	QTY	Wt/Vol	Profile Number
X	NA1993, Diesel fuel, 3, III	ERG# 128					
X	NA1993, Fuel oil (No.1,2,4,5 or 6), 3, III	ERG# 128					
X	UN1203, Gasoline, 3, II	ERG# 128					
X	NA1270, Petroleum Oil, 3, III	ERG# 128					

Universal Waste Lamps, Batteries, Ballasts, and Electronics for Recycle

HM	No.	Type	Est. Wt.	Count	Shipping Name and Description (if applicable)		Common Name	Discrepancy
X					RQ, UN2809, Mercury contained in manufactured articles, 8, III	ERG# 172	Mercury Containing Articles	
X					RQ, UN2809, Mercury, 8, III	ERG# 172	Mercury	
X					RQ, UN3432, Polychlorinated biphenyls, solid, 9, II	ERG# 171	TSCA Exempt PCB Lamp Ballasts	
X					UN2800, Batteries, wet, nonspillable, 8, III	ERG# 154	Sealed Lead Acid Batteries	
X					UN2794, Batteries, wet, filled with acid, 8, III	ERG# 154	Lead Acid Batteries	
X					UN2795, Batteries, wet, filled with alkali, 8, III	ERG# 154	Wet NiCad Batteries	
X					UN3090, Lithium batteries, 9, II	ERG# 138	Lithium Batteries	
X					UN3028, Batteries, dry, containing potassium hydroxide solid, 8, III	ERG# 154	Alkaline Batteries	
X					UN3028, Batteries, dry, containing potassium hydroxide solid, 8, III	ERG# 154	NiCad Batteries	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164(e)		Fluorescent lamps 4' or <	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164(e)		Fluorescent lamps 4' or >	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164(e)		Circular/U-tube lamps	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164(e)		Compact Lamps	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164(e)		Shattershield	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164(e)		HID/MV/UV Lamps	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164(e)		Incandescent Lamps	
					Non-PCB Light Ballasts for Recycle (Not DOT-Regulated)		Non-PCB Light Ballasts	
					Electronic Equipment for Recycle (Not DOT-Regulated)		Electronics	

Generator's Certification: This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40CFR Part 261 or any applicable state law, and unless specifically identified above the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

	Printed / Typed Name	Signature	Month	Day	Year
Generator's / Offeror's	Brad Elkins on behalf of Eaton Corporation	on behalf of Eaton Corporations	10	5	10
Transporter 1	Matt Wilson	Matt Wilson	10	5	10
Transporter 2					

Discrepancy Indication / Additional Information:

Designated Facility Certification: I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy indicated above.

Printed / Typed Name	Signature	Month	Day	Year

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NCD981858806	1	800-434-7750	007409083 JJK

5. Generator's Name and Mailing Address
Eaton Corporation
1101 East Preston Street
Selma, NC 27576 USA
Generator's Phone: 919-873-1060

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: A&D Environmental Services, Inc. — U.S. EPA ID Number: NCD986232221

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Deerpark, L.P.
2027 Independence Parkway South
La Porte, TX 77571 USA
Facility's Phone: 281-930-2300
U.S. EPA ID Number: TXD055141378

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3082, Waste environmentally hazardous substance, liquid, n.o.s., (tetrachloroethylene), 9, PG III, ERG# 171	008	DM	3200	P	F002	D039	
						D029	D040	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
9b.1) CH461785 (liquids) 8 x 55-gal.
A&D Job#: 61812 PO #: 13557

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brad Elkins on behalf of Eaton Corporation — Signature: [signature] on behalf of Eaton Corporation — Month 10 Day 5 Year 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: MATT WEAY — Signature: [signature] — Month 10 Day 5 Year 10
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

A&D Environmental Services — Bill of Lading / Material Manifest

A&D Job No:	Generator ID Number	Page 1 of	Emergency Response Phone	Tracking Number
16263	NCD981858806	1	800-434-7750	00866

Generator's Name and Mailing Address
Eaton Corporation
1101 East Preston Street
Selma, NC 27576 USA
919-873-1060

Generator's site address (if different from mailing address)

Transporter 1 ☑ 2 ☐ Company Name **A&D Environmental Services, Inc.** US EPA ID No: **NCD986232221**

Transporter 1 ☐ 2 ☐ Company Name **A&D Environmental Services (SC), LLC** US EPA ID No: **SCD987598331**

☑ Designated Facility	☐ Designated Facility	☐ Designated Facility	☐ Designated Facility	☐ Designated Facility
A&D Environmental Services, Inc. **2718 Uwharrie Road** **Archdale, NC 27263** **336-434-7750** **NCD986232221**	**A&D Environmental Services, Inc.** **3149 Lear Drive** **Burlington, NC 27215** **336-229-0058** **NCR000138628**	**A&D Environmental Services (SC), LLC** **1915 Brentwood Street** **High Point, NC 27260** **336-882-8000** **NCR000002501**	**A&D Environmental Services (SC), LLC** **1741 Calks Ferry Road** **Lexington, SC 29073** **803-957-9175** **SCD987598331**	**A&D Environmental Services (SC), LLC** **305 B South Main Street** **Mauldin, SC 29662** **803-967-3500** **SCR000765677**

HM	Hazardous Materials Shipping Name and Description (if applicable)	No.	Type	QTY	Wt/Vol	Profile Number
	Non-Regulated Material (IDW-Liquids)	007	DM	2800	P	
	Non-Regulated Material (IDW-Solids)	018	DM	9000	P	

	Petroleum Products for Recycle		No.	Type	QTY	Wt/Vol	Profile Number
X	NA1993, Diesel fuel, 3, III	ERG# 128					
X	NA1993, Fuel oil (No.1,2,4,5 or 6), 3, III	ERG# 128					
X	UN1203, Gasoline, 3, II	ERG# 128					
X	NA1270, Petroleum Oil, 3, III	ERG# 128					

Universal Waste Lamps, Batteries, Ballasts, and Electronics for Recycle

HM	No.	Type	Est. Wt.	Count	Shipping Name and Description (if applicable)		Common Name	Discrepancy
X					RQ, UN2809, Mercury contained in manufactured articles, 8, III	ERG# 172	Mercury Containing Articles	
X					RQ, UN2809, Mercury, 8, III	ERG# 172	Mercury	
X					RQ, UN3432, Polychlorinated biphenyls, solid, 9, II	ERG# 171	TSCA Exempt PCB Lamp Ballasts	
X					UN2800, Batteries, wet, nonspillable, 8, III	ERG# 154	Sealed Lead Acid Batteries	
X					UN2794, Batteries, wet, filled with acid, 8, III	ERG# 154	Lead Acid Batteries	
X					UN2795, Batteries, wet, filled with alkali, 8, III	ERG# 154	Wet NiCad Batteries	
X					UN3090, Lithium batteries, 9, II	ERG# 138	Lithium Batteries	
X					UN3028, Batteries, dry, containing potassium hydroxide solid, 8, III	ERG# 154	Alkaline Batteries	
X					UN3028, Batteries, dry, containing potassium hydroxide solid, 8, III	ERG# 154	NiCad Batteries	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164(e)		Fluorescent lamps 4' or <	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164(e)		Fluorescent lamps 4' or >	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164(e)		Circular/U-tube lamps	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164(e)		Compact Lamps	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164(e)		Shattershield	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164(e)		HID/MV/UV Lamps	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164(e)		Incandescent Lamps	
					Non-PCB Light Ballasts for Recycle (Not DOT-Regulated)		Non-PCB Light Ballasts	
					Electronic Equipment for Recycle (Not DOT-Regulated)		Electronics	

Generator's Certification: This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40CFR Part 261 or any applicable state law, and unless specifically identified above the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Jessica Keener	Jessica Keener on behalf of Eaton	7	27	11
Transporter 1 Printed/Typed Name	**Signature**	**Month**	**Day**	**Year**
Matt Wray	Matt Wray	7	27	11
Transporter 2 Printed/Typed Name	**Signature**	**Month**	**Day**	**Year**

Discrepancy Indication / Additional Information: Month Day Year

Designated Facility Certification: I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy indicated above.

Printed/Typed Name	Signature	Month	Day	Year

APPENDIX I

ANALYTICAL LABORATORY DATA

I1 Field Event #1 Laboratory Data
I2 Field Event #2 Laboratory Data
I3 Field Event #3 Laboratory Data
I4 Field Event #4 Laboratory Data

I1. FIELD EVENT #1 LABORATORY DATA

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

April 22, 2009

Mr. Walt Beckwith
Solutions-IES
1101 Nowell Rd
Raleigh, NC 27607

RE: Project: EATON SELMA 6010
Pace Project No.: 9241716

Dear Mr. Beckwith:
Enclosed are the analytical results for sample(s) received by the laboratory on April 08, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

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

Sincerely,

Bonnie McKee

Bonnie McKee

bonnie.mckee@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Charlotte Certification IDs

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

Asheville Certification IDs

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

Eden Certification IDs

North Carolina Wastewater Certification #: 633
Virginia Drinking Water Certification #: 00424
North Carolina Drinking Water Certification #: 37738

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

SAMPLE SUMMARY

Project: EATON SELMA 6010
Pace Project No.: 9241716

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9241716001	**TRIP BLANK 1**	Water	04/07/09 00:00	04/08/09 14:38
9241716002	**RINSE BLANK 1**	Water	04/07/09 14:10	04/08/09 14:38
9241716003	**MW-2**	Water	04/07/09 16:03	04/08/09 14:38
9241716004	**MW-12**	Water	04/07/09 16:33	04/08/09 14:38
9241716005	**BG-1**	Solid	04/07/09 12:06	04/08/09 14:38
9241716006	**BG-2**	Solid	04/07/09 12:31	04/08/09 14:38
9241716007	**BG-3**	Solid	04/07/09 13:07	04/08/09 14:38
9241716008	**SB-7A**	Solid	04/07/09 14:55	04/08/09 14:38

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(828)254-7176

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

SAMPLE ANALYTE COUNT

Project: EATON SELMA 6010
Pace Project No.: 9241716

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9241716001	**TRIP BLANK 1**	EPA 8260	AW	56	PASI-C
9241716002	**RINSE BLANK 1**	EPA 6010	SAJ	22	PASI-A
		EPA 7470	SHB	1	PASI-A
9241716003	**MW-2**	EPA 6010	SAJ	22	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	AW	56	PASI-C
		EPA 8270	BET	73	PASI-C
		EPA 8270 by SIM	BET	1	PASI-C
9241716004	**MW-12**	EPA 6010	SAJ	22	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	AW	56	PASI-C
		EPA 8270	BET	73	PASI-C
		EPA 8270 by SIM	BET	1	PASI-C
9241716005	**BG-1**	ASTM D2974-87	TNM	1	PASI-C
		EPA 6010	SAJ	22	PASI-A
		EPA 7471	SHB	1	PASI-A
9241716006	**BG-2**	ASTM D2974-87	TNM	1	PASI-C
		EPA 6010	SAJ	22	PASI-A
		EPA 7471	SHB	1	PASI-A
9241716007	**BG-3**	ASTM D2974-87	TNM	1	PASI-C
		EPA 6010	JMW	22	PASI-A
		EPA 7471	SHB	1	PASI-A
9241716008	**SB-7A**	ASTM D2974-87	TNM	1	PASI-C
		EPA 6010	JMW	22	PASI-A
		EPA 7471	SHB	1	PASI-A
		EPA 8260	DLK	56	PASI-C
		EPA 8270	BET	73	PASI-C

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(828)254-7176

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

ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: TRIP BLANK 1 **Lab ID: 9241716001** Collected: 04/07/09 00:00 Received: 04/08/09 14:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		04/17/09 18:37	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		04/17/09 18:37	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		04/17/09 18:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		04/17/09 18:37	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		04/17/09 18:37	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		04/17/09 18:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		04/17/09 18:37	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		04/17/09 18:37	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		04/17/09 18:37	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		04/17/09 18:37	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		04/17/09 18:37	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		04/17/09 18:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		04/17/09 18:37	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		04/17/09 18:37	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		04/17/09 18:37	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		04/17/09 18:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		04/17/09 18:37	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		04/17/09 18:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		04/17/09 18:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/17/09 18:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		04/17/09 18:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		04/17/09 18:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		04/17/09 18:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		04/17/09 18:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		04/17/09 18:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		04/17/09 18:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		04/17/09 18:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		04/17/09 18:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		04/17/09 18:37	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		04/17/09 18:37	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/17/09 18:37	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		04/17/09 18:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		04/17/09 18:37	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		04/17/09 18:37	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		04/17/09 18:37	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		04/17/09 18:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		04/17/09 18:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		04/17/09 18:37	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		04/17/09 18:37	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		04/17/09 18:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		04/17/09 18:37	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		04/17/09 18:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		04/17/09 18:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		04/17/09 18:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		04/17/09 18:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		04/17/09 18:37	79-00-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: TRIP BLANK 1 **Lab ID: 9241716001** Collected: 04/07/09 00:00 Received: 04/08/09 14:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Trichloroethene	ND	ug/L	1.0	0.47	1		04/17/09 18:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		04/17/09 18:37	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		04/17/09 18:37	76-13-1	
Vinyl chloride	ND	ug/L	1.0	0.62	1		04/17/09 18:37	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		04/17/09 18:37	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		04/17/09 18:37	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		1		04/17/09 18:37	460-00-4	
Dibromofluoromethane (S)	93	%	85-115		1		04/17/09 18:37	1868-53-7	
1,2-Dichloroethane-d4 (S)	94	%	79-120		1		04/17/09 18:37	17060-07-0	
Toluene-d8 (S)	95	%	70-120		1		04/17/09 18:37	2037-26-5	

Sample: RINSE BLANK 1 **Lab ID: 9241716002** Collected: 04/07/09 14:10 Received: 04/08/09 14:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Aluminum	ND	ug/L	100	25.0	1	04/14/09 09:58	04/16/09 12:15	7429-90-5	
Antimony	ND	ug/L	5.0	2.6	1	04/14/09 09:58	04/16/09 12:15	7440-36-0	
Arsenic	ND	ug/L	5.0	2.7	1	04/14/09 09:58	04/16/09 12:15	7440-38-2	
Barium	ND	ug/L	5.0	0.20	1	04/14/09 09:58	04/16/09 12:15	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	04/14/09 09:58	04/16/09 12:15	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	04/14/09 09:58	04/16/09 12:15	7440-43-9	
Calcium	ND	ug/L	100	27.0	1	04/14/09 09:58	04/16/09 12:15	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	04/14/09 09:58	04/16/09 12:15	7440-47-3	
Cobalt	**6.1**	ug/L	5.0	0.60	1	04/14/09 09:58	04/16/09 12:15	7440-48-4	
Copper	ND	ug/L	5.0	0.30	1	04/14/09 09:58	04/16/09 12:15	7440-50-8	
Iron	ND	ug/L	50.0	14.0	1	04/14/09 09:58	04/16/09 12:15	7439-89-6	
Lead	ND	ug/L	5.0	4.0	1	04/14/09 09:58	04/16/09 12:15	7439-92-1	
Magnesium	ND	ug/L	100	3.0	1	04/14/09 09:58	04/16/09 12:15	7439-95-4	
Manganese	ND	ug/L	5.0	0.30	1	04/14/09 09:58	04/16/09 12:15	7439-96-5	
Nickel	ND	ug/L	5.0	1.7	1	04/14/09 09:58	04/16/09 12:15	7440-02-0	
Potassium	ND	ug/L	5000	3.0	1	04/14/09 09:58	04/16/09 12:15	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	04/14/09 09:58	04/16/09 12:15	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	04/14/09 09:58	04/16/09 12:15	7440-22-4	
Sodium	ND	ug/L	5000	2.5	1	04/14/09 09:58	04/16/09 12:15	7440-23-5	
Thallium	ND	ug/L	10.0	3.0	1	04/14/09 09:58	04/16/09 12:15	7440-28-0	
Vanadium	ND	ug/L	5.0	0.20	1	04/14/09 09:58	04/16/09 12:15	7440-62-2	
Zinc	ND	ug/L	10.0	0.40	1	04/14/09 09:58	04/16/09 12:15	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	04/10/09 10:25	04/10/09 17:05	7439-97-6	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: MW-2 **Lab ID: 9241716003** Collected: 04/07/09 16:03 Received: 04/08/09 14:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Aluminum	**207**	ug/L	100	25.0	1	04/14/09 09:58	04/16/09 12:21	7429-90-5	
Antimony	ND	ug/L	5.0	2.6	1	04/14/09 09:58	04/16/09 12:21	7440-36-0	
Arsenic	ND	ug/L	5.0	2.7	1	04/14/09 09:58	04/16/09 12:21	7440-38-2	
Barium	**37.7**	ug/L	5.0	0.20	1	04/14/09 09:58	04/16/09 12:21	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	04/14/09 09:58	04/16/09 12:21	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	04/14/09 09:58	04/16/09 12:21	7440-43-9	
Calcium	**7740**	ug/L	100	27.0	1	04/14/09 09:58	04/16/09 12:21	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	04/14/09 09:58	04/16/09 12:21	7440-47-3	
Cobalt	**16.8**	ug/L	5.0	0.60	1	04/14/09 09:58	04/16/09 12:21	7440-48-4	
Copper	ND	ug/L	5.0	0.30	1	04/14/09 09:58	04/16/09 12:21	7440-50-8	
Iron	**3240**	ug/L	50.0	14.0	1	04/14/09 09:58	04/16/09 12:21	7439-89-6	
Lead	ND	ug/L	5.0	4.0	1	04/14/09 09:58	04/16/09 12:21	7439-92-1	
Magnesium	**1310**	ug/L	100	3.0	1	04/14/09 09:58	04/16/09 12:21	7439-95-4	
Manganese	**323**	ug/L	5.0	0.30	1	04/14/09 09:58	04/16/09 12:21	7439-96-5	
Nickel	ND	ug/L	5.0	1.7	1	04/14/09 09:58	04/16/09 12:21	7440-02-0	
Potassium	ND	ug/L	5000	3.0	1	04/14/09 09:58	04/16/09 12:21	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	04/14/09 09:58	04/16/09 12:21	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	04/14/09 09:58	04/16/09 12:21	7440-22-4	
Sodium	**13900**	ug/L	5000	2.5	1	04/14/09 09:58	04/16/09 12:21	7440-23-5	
Thallium	ND	ug/L	10.0	3.0	1	04/14/09 09:58	04/16/09 12:21	7440-28-0	
Vanadium	ND	ug/L	5.0	0.20	1	04/14/09 09:58	04/16/09 12:21	7440-62-2	
Zinc	**12.4**	ug/L	10.0	0.40	1	04/14/09 09:58	04/16/09 12:21	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.070	1	04/10/09 10:25	04/10/09 17:07	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	11.6	3.3	1	04/10/09 16:52	04/14/09 20:51	83-32-9	
Acenaphthylene	ND	ug/L	11.6	3.3	1	04/10/09 16:52	04/14/09 20:51	208-96-8	
Acetophenone	ND	ug/L	11.6	4.2	1	04/10/09 16:52	04/14/09 20:51	98-86-2	
Anthracene	ND	ug/L	11.6	3.4	1	04/10/09 16:52	04/14/09 20:51	120-12-7	
Atrazine	ND	ug/L	23.3	23.3	1	04/10/09 16:52	04/14/09 20:51	1912-24-9	
Benzaldehyde	ND	ug/L	23.3	23.3	1	04/10/09 16:52	04/14/09 20:51	100-52-7	
Benzo(a)anthracene	ND	ug/L	11.6	3.3	1	04/10/09 16:52	04/14/09 20:51	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.6	3.6	1	04/10/09 16:52	04/14/09 20:51	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.6	4.2	1	04/10/09 16:52	04/14/09 20:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.6	3.6	1	04/10/09 16:52	04/14/09 20:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.6	3.5	1	04/10/09 16:52	04/14/09 20:51	207-08-9	
Biphenyl (Diphenyl)	ND	ug/L	11.6	11.6	1	04/10/09 16:52	04/14/09 20:51	92-52-4	
4-Bromophenylphenyl ether	ND	ug/L	11.6	2.8	1	04/10/09 16:52	04/14/09 20:51	101-55-3	
Butylbenzylphthalate	ND	ug/L	11.6	3.4	1	04/10/09 16:52	04/14/09 20:51	85-68-7	
Caprolactam	ND	ug/L	11.6	11.6	1	04/10/09 16:52	04/14/09 20:51	105-60-2	
Carbazole	ND	ug/L	11.6	4.0	1	04/10/09 16:52	04/14/09 20:51	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	23.3	3.3	1	04/10/09 16:52	04/14/09 20:51	59-50-7	
4-Chloroaniline	ND	ug/L	58.1	6.2	1	04/10/09 16:52	04/14/09 20:51	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	11.6	6.7	1	04/10/09 16:52	04/14/09 20:51	111-91-1	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: MW-2 **Lab ID: 9241716003** Collected: 04/07/09 16:03 Received: 04/08/09 14:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
bis(2-Chloroethyl) ether	ND	ug/L	11.6	5.6	1	04/10/09 16:52	04/14/09 20:51	111-44-4	
2-Chloronaphthalene	ND	ug/L	11.6	4.2	1	04/10/09 16:52	04/14/09 20:51	91-58-7	
2-Chlorophenol	ND	ug/L	11.6	5.1	1	04/10/09 16:52	04/14/09 20:51	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	11.6	3.1	1	04/10/09 16:52	04/14/09 20:51	7005-72-3	
Chrysene	ND	ug/L	11.6	3.1	1	04/10/09 16:52	04/14/09 20:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.6	3.4	1	04/10/09 16:52	04/14/09 20:51	53-70-3	
Dibenzofuran	ND	ug/L	11.6	3.0	1	04/10/09 16:52	04/14/09 20:51	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	58.1	4.0	1	04/10/09 16:52	04/14/09 20:51	91-94-1	
2,4-Dichlorophenol	ND	ug/L	11.6	6.7	1	04/10/09 16:52	04/14/09 20:51	120-83-2	
Diethylphthalate	ND	ug/L	11.6	2.8	1	04/10/09 16:52	04/14/09 20:51	84-66-2	
2,4-Dimethylphenol	ND	ug/L	11.6	6.5	1	04/10/09 16:52	04/14/09 20:51	105-67-9	
Dimethylphthalate	ND	ug/L	11.6	2.8	1	04/10/09 16:52	04/14/09 20:51	131-11-3	
Di-n-butylphthalate	ND	ug/L	11.6	3.4	1	04/10/09 16:52	04/14/09 20:51	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	23.3	9.1	1	04/10/09 16:52	04/14/09 20:51	534-52-1	
2,4-Dinitrophenol	ND	ug/L	58.1	11.6	1	04/10/09 16:52	04/14/09 20:51	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	11.6	3.0	1	04/10/09 16:52	04/14/09 20:51	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	11.6	3.3	1	04/10/09 16:52	04/14/09 20:51	606-20-2	
Di-n-octylphthalate	ND	ug/L	11.6	3.4	1	04/10/09 16:52	04/14/09 20:51	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	11.6	2.4	1	04/10/09 16:52	04/14/09 20:51	117-81-7	
Fluoranthene	ND	ug/L	11.6	3.4	1	04/10/09 16:52	04/14/09 20:51	206-44-0	
Fluorene	ND	ug/L	11.6	3.0	1	04/10/09 16:52	04/14/09 20:51	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	11.6	3.8	1	04/10/09 16:52	04/14/09 20:51	87-68-3	
Hexachlorobenzene	ND	ug/L	11.6	3.0	1	04/10/09 16:52	04/14/09 20:51	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	11.6	4.3	1	04/10/09 16:52	04/14/09 20:51	77-47-4	
Hexachloroethane	ND	ug/L	11.6	3.8	1	04/10/09 16:52	04/14/09 20:51	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.6	3.5	1	04/10/09 16:52	04/14/09 20:51	193-39-5	
Isophorone	ND	ug/L	11.6	7.6	1	04/10/09 16:52	04/14/09 20:51	78-59-1	
2-Methylnaphthalene	ND	ug/L	11.6	4.0	1	04/10/09 16:52	04/14/09 20:51	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	11.6	4.3	1	04/10/09 16:52	04/14/09 20:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	11.6	3.5	1	04/10/09 16:52	04/14/09 20:51		
Naphthalene	ND	ug/L	11.6	4.4	1	04/10/09 16:52	04/14/09 20:51	91-20-3	
2-Nitroaniline	ND	ug/L	58.1	3.1	1	04/10/09 16:52	04/14/09 20:51	88-74-4	
3-Nitroaniline	ND	ug/L	58.1	3.5	1	04/10/09 16:52	04/14/09 20:51	99-09-2	
4-Nitroaniline	ND	ug/L	58.1	4.7	1	04/10/09 16:52	04/14/09 20:51	100-01-6	
Nitrobenzene	ND	ug/L	11.6	5.1	1	04/10/09 16:52	04/14/09 20:51	98-95-3	
2-Nitrophenol	ND	ug/L	11.6	5.3	1	04/10/09 16:52	04/14/09 20:51	88-75-5	
4-Nitrophenol	ND	ug/L	58.1	2.1	1	04/10/09 16:52	04/14/09 20:51	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	11.6	4.3	1	04/10/09 16:52	04/14/09 20:51	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	11.6	7.7	1	04/10/09 16:52	04/14/09 20:51	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	11.6	4.7	1	04/10/09 16:52	04/14/09 20:51	108-60-1	
Pentachlorophenol	ND	ug/L	58.1	1.9	1	04/10/09 16:52	04/14/09 20:51	87-86-5	
Phenanthrene	ND	ug/L	11.6	3.1	1	04/10/09 16:52	04/14/09 20:51	85-01-8	
Phenol	ND	ug/L	11.6	2.1	1	04/10/09 16:52	04/14/09 20:51	108-95-2	
Pyrene	ND	ug/L	11.6	3.4	1	04/10/09 16:52	04/14/09 20:51	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	11.6	4.0	1	04/10/09 16:52	04/14/09 20:51	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	11.6	10.9	1	04/10/09 16:52	04/14/09 20:51	58-90-2	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: MW-2 **Lab ID: 9241716003** Collected: 04/07/09 16:03 Received: 04/08/09 14:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
2,4,5-Trichlorophenol	ND	ug/L	11.6	6.5	1	04/10/09 16:52	04/14/09 20:51	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	11.6	7.1	1	04/10/09 16:52	04/14/09 20:51	88-06-2	
Nitrobenzene-d5 (S)	69	%	30-150		1	04/10/09 16:52	04/14/09 20:51	4165-60-0	
2-Fluorobiphenyl (S)	74	%	30-150		1	04/10/09 16:52	04/14/09 20:51	321-60-8	
Terphenyl-d14 (S)	71	%	30-150		1	04/10/09 16:52	04/14/09 20:51	1718-51-0	
Phenol-d6 (S)	31	%	25-150		1	04/10/09 16:52	04/14/09 20:51	13127-88-3	
2-Fluorophenol (S)	39	%	25-150		1	04/10/09 16:52	04/14/09 20:51	367-12-4	
2,4,6-Tribromophenol (S)	89	%	25-150		1	04/10/09 16:52	04/14/09 20:51	118-79-6	
8270 MSSV 1,4 Dioxane SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
1,4-Dioxane (p-Dioxane)	ND	ug/L	3.3	0.78	1	04/14/09 13:30	04/21/09 18:59	123-91-1	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	1000	21.7	10		04/18/09 01:42	67-64-1	
Benzene	ND	ug/L	10.0	2.5	10		04/18/09 01:42	71-43-2	
Bromochloromethane	ND	ug/L	30.0	1.7	10		04/18/09 01:42	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1.8	10		04/18/09 01:42	75-27-4	
Bromoform	ND	ug/L	30.0	2.6	10		04/18/09 01:42	75-25-2	
Bromomethane	ND	ug/L	100	2.9	10		04/18/09 01:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	1000	9.6	10		04/18/09 01:42	78-93-3	
Carbon disulfide	ND	ug/L	1000	11.5	10		04/18/09 01:42	75-15-0	
Carbon tetrachloride	ND	ug/L	10.0	2.5	10		04/18/09 01:42	56-23-5	
Chlorobenzene	ND	ug/L	30.0	2.3	10		04/18/09 01:42	108-90-7	
Chloroethane	ND	ug/L	100	5.4	10		04/18/09 01:42	75-00-3	
Chloroform	ND	ug/L	50.0	1.4	10		04/18/09 01:42	67-66-3	
Chloromethane	ND	ug/L	10.0	1.1	10		04/18/09 01:42	74-87-3	
Cyclohexane	ND	ug/L	10.0	3.6	10		04/18/09 01:42	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	130	25.2	10		04/18/09 01:42	96-12-8	
Dibromochloromethane	ND	ug/L	30.0	2.1	10		04/18/09 01:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	10.0	2.7	10		04/18/09 01:42	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	50.0	3.0	10		04/18/09 01:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	2.4	10		04/18/09 01:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	3.3	10		04/18/09 01:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	10.0	2.1	10		04/18/09 01:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	50.0	3.2	10		04/18/09 01:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	10.0	1.2	10		04/18/09 01:42	107-06-2	
1,1-Dichloroethene	**910**	ug/L	50.0	5.6	10		04/18/09 01:42	75-35-4	
cis-1,2-Dichloroethene	**100**	ug/L	50.0	1.9	10		04/18/09 01:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	50.0	4.9	10		04/18/09 01:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	10.0	2.7	10		04/18/09 01:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	10.0	1.3	10		04/18/09 01:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	10.0	2.6	10		04/18/09 01:42	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	1500	784	10		04/18/09 01:42	123-91-1	
Ethylbenzene	ND	ug/L	10.0	3.0	10		04/18/09 01:42	100-41-4	
2-Hexanone	ND	ug/L	500	4.6	10		04/18/09 01:42	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	10.0	4.0	10		04/18/09 01:42	98-82-8	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: MW-2 **Lab ID: 9241716003** Collected: 04/07/09 16:03 Received: 04/08/09 14:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Methyl acetate	ND	ug/L	100	8.2	10		04/18/09 01:42	79-20-9	
Methylcyclohexane	ND	ug/L	100	18.7	10		04/18/09 01:42	108-87-2	
Methylene Chloride	ND	ug/L	20.0	9.7	10		04/18/09 01:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000	3.3	10		04/18/09 01:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	10.0	2.1	10		04/18/09 01:42	1634-04-4	
Styrene	ND	ug/L	10.0	2.6	10		04/18/09 01:42	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	30.0	4.0	10		04/18/09 01:42	79-34-5	
Tetrachloroethene	**7140**	ug/L	100	46.0	100		04/19/09 07:40	127-18-4	
Toluene	ND	ug/L	10.0	2.6	10		04/18/09 01:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	10.0	3.3	10		04/18/09 01:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	3.5	10		04/18/09 01:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	10.0	4.8	10		04/18/09 01:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	10.0	2.9	10		04/18/09 01:42	79-00-5	
Trichloroethene	**879**	ug/L	10.0	4.7	10		04/18/09 01:42	79-01-6	
Trichlorofluoromethane	**21.5**	ug/L	10.0	2.0	10		04/18/09 01:42	75-69-4	
1,1,2-Trichlorotrifluoroethane	**189**	ug/L	10.0	1.9	10		04/18/09 01:42	76-13-1	
Vinyl chloride	ND	ug/L	10.0	6.2	10		04/18/09 01:42	75-01-4	
m&p-Xylene	ND	ug/L	20.0	6.6	10		04/18/09 01:42	1330-20-7	
o-Xylene	ND	ug/L	10.0	2.3	10		04/18/09 01:42	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		10		04/18/09 01:42	460-00-4	
Dibromofluoromethane (S)	94	%	85-115		10		04/18/09 01:42	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	79-120		10		04/18/09 01:42	17060-07-0	
Toluene-d8 (S)	94	%	70-120		10		04/18/09 01:42	2037-26-5	

Sample: MW-12 **Lab ID: 9241716004** Collected: 04/07/09 16:33 Received: 04/08/09 14:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Aluminum	**170**	ug/L	100	25.0	1	04/14/09 09:58	04/16/09 12:25	7429-90-5	
Antimony	ND	ug/L	5.0	2.6	1	04/14/09 09:58	04/16/09 12:25	7440-36-0	
Arsenic	ND	ug/L	5.0	2.7	1	04/14/09 09:58	04/16/09 12:25	7440-38-2	
Barium	**36.8**	ug/L	5.0	0.20	1	04/14/09 09:58	04/16/09 12:25	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	04/14/09 09:58	04/16/09 12:25	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	04/14/09 09:58	04/16/09 12:25	7440-43-9	
Calcium	**7450**	ug/L	100	27.0	1	04/14/09 09:58	04/16/09 12:25	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	04/14/09 09:58	04/16/09 12:25	7440-47-3	
Cobalt	**15.8**	ug/L	5.0	0.60	1	04/14/09 09:58	04/16/09 12:25	7440-48-4	
Copper	ND	ug/L	5.0	0.30	1	04/14/09 09:58	04/16/09 12:25	7440-50-8	
Iron	**3100**	ug/L	50.0	14.0	1	04/14/09 09:58	04/16/09 12:25	7439-89-6	
Lead	ND	ug/L	5.0	4.0	1	04/14/09 09:58	04/16/09 12:25	7439-92-1	
Magnesium	**1280**	ug/L	100	3.0	1	04/14/09 09:58	04/16/09 12:25	7439-95-4	
Manganese	**313**	ug/L	5.0	0.30	1	04/14/09 09:58	04/16/09 12:25	7439-96-5	
Nickel	ND	ug/L	5.0	1.7	1	04/14/09 09:58	04/16/09 12:25	7440-02-0	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: MW-12 **Lab ID: 9241716004** Collected: 04/07/09 16:33 Received: 04/08/09 14:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010		Preparation Method: EPA 3010						
Potassium	ND	ug/L	5000	3.0	1	04/14/09 09:58	04/16/09 12:25	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	04/14/09 09:58	04/16/09 12:25	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	04/14/09 09:58	04/16/09 12:25	7440-22-4	
Sodium	**13400**	ug/L	5000	2.5	1	04/14/09 09:58	04/16/09 12:25	7440-23-5	
Thallium	ND	ug/L	10.0	3.0	1	04/14/09 09:58	04/16/09 12:25	7440-28-0	
Vanadium	ND	ug/L	5.0	0.20	1	04/14/09 09:58	04/16/09 12:25	7440-62-2	
Zinc	ND	ug/L	10.0	0.40	1	04/14/09 09:58	04/16/09 12:25	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470		Preparation Method: EPA 7470						
Mercury	ND	ug/L	0.20	0.070	1	04/10/09 10:25	04/10/09 17:10	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270		Preparation Method: EPA 3510						
Acenaphthene	ND	ug/L	11.8	3.3	1	04/10/09 16:52	04/14/09 21:17	83-32-9	
Acenaphthylene	ND	ug/L	11.8	3.3	1	04/10/09 16:52	04/14/09 21:17	208-96-8	
Acetophenone	ND	ug/L	11.8	4.2	1	04/10/09 16:52	04/14/09 21:17	98-86-2	
Anthracene	ND	ug/L	11.8	3.4	1	04/10/09 16:52	04/14/09 21:17	120-12-7	
Atrazine	ND	ug/L	23.5	23.5	1	04/10/09 16:52	04/14/09 21:17	1912-24-9	
Benzaldehyde	ND	ug/L	23.5	23.5	1	04/10/09 16:52	04/14/09 21:17	100-52-7	
Benzo(a)anthracene	ND	ug/L	11.8	3.3	1	04/10/09 16:52	04/14/09 21:17	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.8	3.6	1	04/10/09 16:52	04/14/09 21:17	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.8	4.2	1	04/10/09 16:52	04/14/09 21:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.8	3.6	1	04/10/09 16:52	04/14/09 21:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.8	3.5	1	04/10/09 16:52	04/14/09 21:17	207-08-9	
Biphenyl (Diphenyl)	ND	ug/L	11.8	11.8	1	04/10/09 16:52	04/14/09 21:17	92-52-4	
4-Bromophenylphenyl ether	ND	ug/L	11.8	2.8	1	04/10/09 16:52	04/14/09 21:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	11.8	3.4	1	04/10/09 16:52	04/14/09 21:17	85-68-7	
Caprolactam	ND	ug/L	11.8	11.8	1	04/10/09 16:52	04/14/09 21:17	105-60-2	
Carbazole	ND	ug/L	11.8	4.0	1	04/10/09 16:52	04/14/09 21:17	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	23.5	3.3	1	04/10/09 16:52	04/14/09 21:17	59-50-7	
4-Chloroaniline	ND	ug/L	58.8	6.2	1	04/10/09 16:52	04/14/09 21:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	11.8	6.8	1	04/10/09 16:52	04/14/09 21:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	11.8	5.6	1	04/10/09 16:52	04/14/09 21:17	111-44-4	
2-Chloronaphthalene	ND	ug/L	11.8	4.2	1	04/10/09 16:52	04/14/09 21:17	91-58-7	
2-Chlorophenol	ND	ug/L	11.8	5.2	1	04/10/09 16:52	04/14/09 21:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	11.8	3.2	1	04/10/09 16:52	04/14/09 21:17	7005-72-3	
Chrysene	ND	ug/L	11.8	3.2	1	04/10/09 16:52	04/14/09 21:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.8	3.4	1	04/10/09 16:52	04/14/09 21:17	53-70-3	
Dibenzofuran	ND	ug/L	11.8	3.1	1	04/10/09 16:52	04/14/09 21:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	58.8	4.0	1	04/10/09 16:52	04/14/09 21:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	11.8	6.8	1	04/10/09 16:52	04/14/09 21:17	120-83-2	
Diethylphthalate	ND	ug/L	11.8	2.8	1	04/10/09 16:52	04/14/09 21:17	84-66-2	
2,4-Dimethylphenol	ND	ug/L	11.8	6.6	1	04/10/09 16:52	04/14/09 21:17	105-67-9	
Dimethylphthalate	ND	ug/L	11.8	2.8	1	04/10/09 16:52	04/14/09 21:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	11.8	3.4	1	04/10/09 16:52	04/14/09 21:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	23.5	9.2	1	04/10/09 16:52	04/14/09 21:17	534-52-1	
2,4-Dinitrophenol	ND	ug/L	58.8	11.8	1	04/10/09 16:52	04/14/09 21:17	51-28-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: MW-12 **Lab ID: 9241716004** Collected: 04/07/09 16:33 Received: 04/08/09 14:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
2,4-Dinitrotoluene	ND	ug/L	11.8	3.1	1	04/10/09 16:52	04/14/09 21:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	11.8	3.3	1	04/10/09 16:52	04/14/09 21:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	11.8	3.4	1	04/10/09 16:52	04/14/09 21:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	11.8	2.5	1	04/10/09 16:52	04/14/09 21:17	117-81-7	
Fluoranthene	ND	ug/L	11.8	3.4	1	04/10/09 16:52	04/14/09 21:17	206-44-0	
Fluorene	ND	ug/L	11.8	3.1	1	04/10/09 16:52	04/14/09 21:17	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	11.8	3.9	1	04/10/09 16:52	04/14/09 21:17	87-68-3	
Hexachlorobenzene	ND	ug/L	11.8	3.1	1	04/10/09 16:52	04/14/09 21:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	11.8	4.4	1	04/10/09 16:52	04/14/09 21:17	77-47-4	
Hexachloroethane	ND	ug/L	11.8	3.9	1	04/10/09 16:52	04/14/09 21:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.8	3.5	1	04/10/09 16:52	04/14/09 21:17	193-39-5	
Isophorone	ND	ug/L	11.8	7.6	1	04/10/09 16:52	04/14/09 21:17	78-59-1	
2-Methylnaphthalene	ND	ug/L	11.8	4.0	1	04/10/09 16:52	04/14/09 21:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	11.8	4.4	1	04/10/09 16:52	04/14/09 21:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	11.8	3.5	1	04/10/09 16:52	04/14/09 21:17		
Naphthalene	ND	ug/L	11.8	4.5	1	04/10/09 16:52	04/14/09 21:17	91-20-3	
2-Nitroaniline	ND	ug/L	58.8	3.2	1	04/10/09 16:52	04/14/09 21:17	88-74-4	
3-Nitroaniline	ND	ug/L	58.8	3.5	1	04/10/09 16:52	04/14/09 21:17	99-09-2	
4-Nitroaniline	ND	ug/L	58.8	4.7	1	04/10/09 16:52	04/14/09 21:17	100-01-6	
Nitrobenzene	ND	ug/L	11.8	5.2	1	04/10/09 16:52	04/14/09 21:17	98-95-3	
2-Nitrophenol	ND	ug/L	11.8	5.4	1	04/10/09 16:52	04/14/09 21:17	88-75-5	
4-Nitrophenol	ND	ug/L	58.8	2.1	1	04/10/09 16:52	04/14/09 21:17	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	11.8	4.4	1	04/10/09 16:52	04/14/09 21:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	11.8	7.8	1	04/10/09 16:52	04/14/09 21:17	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	11.8	4.7	1	04/10/09 16:52	04/14/09 21:17	108-60-1	
Pentachlorophenol	ND	ug/L	58.8	1.9	1	04/10/09 16:52	04/14/09 21:17	87-86-5	
Phenanthrene	ND	ug/L	11.8	3.2	1	04/10/09 16:52	04/14/09 21:17	85-01-8	
Phenol	ND	ug/L	11.8	2.1	1	04/10/09 16:52	04/14/09 21:17	108-95-2	
Pyrene	ND	ug/L	11.8	3.4	1	04/10/09 16:52	04/14/09 21:17	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	11.8	4.0	1	04/10/09 16:52	04/14/09 21:17	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	11.8	11.1	1	04/10/09 16:52	04/14/09 21:17	58-90-2	
2,4,5-Trichlorophenol	ND	ug/L	11.8	6.6	1	04/10/09 16:52	04/14/09 21:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	11.8	7.2	1	04/10/09 16:52	04/14/09 21:17	88-06-2	
Nitrobenzene-d5 (S)	39	%	30-150		1	04/10/09 16:52	04/14/09 21:17	4165-60-0	
2-Fluorobiphenyl (S)	46	%	30-150		1	04/10/09 16:52	04/14/09 21:17	321-60-8	
Terphenyl-d14 (S)	49	%	30-150		1	04/10/09 16:52	04/14/09 21:17	1718-51-0	
Phenol-d6 (S)	18	%	25-150		1	04/10/09 16:52	04/14/09 21:17	13127-88-3	1g
2-Fluorophenol (S)	25	%	25-150		1	04/10/09 16:52	04/14/09 21:17	367-12-4	
2,4,6-Tribromophenol (S)	62	%	25-150		1	04/10/09 16:52	04/14/09 21:17	118-79-6	
8270 MSSV 1,4 Dioxane SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
1,4-Dioxane (p-Dioxane)	ND	ug/L	3.3	0.76	1	04/14/09 13:30	04/21/09 19:20	123-91-1	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		04/18/09 02:05	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		04/18/09 02:05	71-43-2	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: MW-12 **Lab ID: 9241716004** Collected: 04/07/09 16:33 Received: 04/08/09 14:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Bromochloromethane	ND	ug/L	3.0	0.17	1		04/18/09 02:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		04/18/09 02:05	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		04/18/09 02:05	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		04/18/09 02:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		04/18/09 02:05	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		04/18/09 02:05	75-15-0	
Carbon tetrachloride	**1.5**	ug/L	1.0	0.25	1		04/18/09 02:05	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		04/18/09 02:05	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		04/18/09 02:05	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		04/18/09 02:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		04/18/09 02:05	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		04/18/09 02:05	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		04/18/09 02:05	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		04/18/09 02:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		04/18/09 02:05	106-93-4	
1,2-Dichlorobenzene	**21.2**	ug/L	5.0	0.30	1		04/18/09 02:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		04/18/09 02:05	541-73-1	
1,4-Dichlorobenzene	**1.1**	ug/L	1.0	0.33	1		04/18/09 02:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		04/18/09 02:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		04/18/09 02:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		04/18/09 02:05	107-06-2	
1,1-Dichloroethene	**1200**	ug/L	500	56.0	100		04/19/09 18:10	75-35-4	
cis-1,2-Dichloroethene	**123**	ug/L	5.0	0.19	1		04/18/09 02:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		04/18/09 02:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		04/18/09 02:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		04/18/09 02:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		04/18/09 02:05	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		04/18/09 02:05	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/18/09 02:05	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		04/18/09 02:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		04/18/09 02:05	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		04/18/09 02:05	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		04/18/09 02:05	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		04/18/09 02:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		04/18/09 02:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		04/18/09 02:05	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		04/18/09 02:05	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		04/18/09 02:05	79-34-5	
Tetrachloroethene	**5730**	ug/L	100	46.0	100		04/19/09 18:10	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		04/18/09 02:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		04/18/09 02:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		04/18/09 02:05	120-82-1	
1,1,1-Trichloroethane	**3.6**	ug/L	1.0	0.48	1		04/18/09 02:05	71-55-6	
1,1,2-Trichloroethane	**1.4**	ug/L	1.0	0.29	1		04/18/09 02:05	79-00-5	
Trichloroethene	**952**	ug/L	100	47.0	100		04/19/09 18:10	79-01-6	
Trichlorofluoromethane	**34.0**	ug/L	1.0	0.20	1		04/18/09 02:05	75-69-4	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: MW-12 **Lab ID: 9241716004** Collected: 04/07/09 16:33 Received: 04/08/09 14:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,1,2-Trichlorotrifluoroethane	**221**	ug/L	100	19.0	100		04/19/09 18:10	76-13-1	
Vinyl chloride	ND	ug/L	1.0	0.62	1		04/18/09 02:05	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		04/18/09 02:05	1330-20-7	
o-Xylene	**1.6**	ug/L	1.0	0.23	1		04/18/09 02:05	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109		1		04/18/09 02:05	460-00-4	
Dibromofluoromethane (S)	96	%	85-115		1		04/18/09 02:05	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	79-120		1		04/18/09 02:05	17060-07-0	
Toluene-d8 (S)	92	%	70-120		1		04/18/09 02:05	2037-26-5	

Sample: BG-1 **Lab ID: 9241716005** Collected: 04/07/09 12:06 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Aluminum	**2490**	mg/kg	8.1	2.1	1	04/13/09 14:00	04/14/09 21:54	7429-90-5	
Antimony	**0.81**	mg/kg	0.40	0.23	1	04/13/09 14:00	04/14/09 21:54	7440-36-0	
Arsenic	**0.85**	mg/kg	0.40	0.26	1	04/13/09 14:00	04/14/09 21:54	7440-38-2	
Barium	**23.2**	mg/kg	0.40	0.016	1	04/13/09 14:00	04/14/09 21:54	7440-39-3	
Beryllium	**0.15**	mg/kg	0.081	0.016	1	04/13/09 14:00	04/14/09 21:54	7440-41-7	
Cadmium	ND	mg/kg	0.081	0.048	1	04/13/09 14:00	04/14/09 21:54	7440-43-9	
Calcium	**142**	mg/kg	8.1	2.1	1	04/13/09 14:00	04/14/09 21:54	7440-70-2	
Chromium	**2.7**	mg/kg	0.40	0.024	1	04/13/09 14:00	04/14/09 21:54	7440-47-3	
Cobalt	**1.0**	mg/kg	0.40	0.11	1	04/13/09 14:00	04/14/09 21:54	7440-48-4	
Copper	**11.2**	mg/kg	0.40	0.032	1	04/13/09 14:00	04/14/09 21:54	7440-50-8	
Iron	**3200**	mg/kg	4.0	0.37	1	04/13/09 14:00	04/14/09 21:54	7439-89-6	
Lead	**46.5**	mg/kg	0.40	0.39	1	04/13/09 14:00	04/14/09 21:54	7439-92-1	
Magnesium	**51.0**	mg/kg	8.1	0.24	1	04/13/09 14:00	04/14/09 21:54	7439-95-4	
Manganese	**7.1**	mg/kg	0.40	0.024	1	04/13/09 14:00	04/14/09 21:54	7439-96-5	
Nickel	**0.99**	mg/kg	0.40	0.15	1	04/13/09 14:00	04/14/09 21:54	7440-02-0	
Potassium	ND	mg/kg	403	0.34	1	04/13/09 14:00	04/14/09 21:54	7440-09-7	
Selenium	ND	mg/kg	0.81	0.31	1	04/13/09 14:00	04/14/09 21:54	7782-49-2	
Silver	ND	mg/kg	0.40	0.024	1	04/13/09 14:00	04/14/09 21:54	7440-22-4	
Sodium	ND	mg/kg	403	0.50	1	04/13/09 14:00	04/14/09 21:54	7440-23-5	
Thallium	ND	mg/kg	0.81	0.21	1	04/13/09 14:00	04/14/09 21:54	7440-28-0	
Vanadium	**7.8**	mg/kg	0.40	0.032	1	04/13/09 14:00	04/14/09 21:54	7440-62-2	
Zinc	**31.9**	mg/kg	0.81	0.21	1	04/13/09 14:00	04/14/09 21:54	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.16**	mg/kg	0.0061	0.00012	1	04/15/09 11:45	04/15/09 16:35	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**23.5**	%	0.10	0.10	1		04/10/09 10:16		

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: BG-2 **Lab ID: 9241716006** Collected: 04/07/09 12:31 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Aluminum	**1930**	mg/kg	9.3	2.4	1	04/13/09 14:00	04/14/09 21:58	7429-90-5	
Antimony	ND	mg/kg	0.46	0.26	1	04/13/09 14:00	04/14/09 21:58	7440-36-0	
Arsenic	ND	mg/kg	0.46	0.30	1	04/13/09 14:00	04/14/09 21:58	7440-38-2	
Barium	**7.2**	mg/kg	0.46	0.019	1	04/13/09 14:00	04/14/09 21:58	7440-39-3	
Beryllium	ND	mg/kg	0.093	0.019	1	04/13/09 14:00	04/14/09 21:58	7440-41-7	
Cadmium	ND	mg/kg	0.093	0.056	1	04/13/09 14:00	04/14/09 21:58	7440-43-9	
Calcium	**121**	mg/kg	9.3	2.4	1	04/13/09 14:00	04/14/09 21:58	7440-70-2	
Chromium	**2.1**	mg/kg	0.46	0.028	1	04/13/09 14:00	04/14/09 21:58	7440-47-3	
Cobalt	**0.65**	mg/kg	0.46	0.13	1	04/13/09 14:00	04/14/09 21:58	7440-48-4	
Copper	**0.51**	mg/kg	0.46	0.037	1	04/13/09 14:00	04/14/09 21:58	7440-50-8	
Iron	**1810**	mg/kg	4.6	0.43	1	04/13/09 14:00	04/14/09 21:58	7439-89-6	
Lead	**5.8**	mg/kg	0.46	0.44	1	04/13/09 14:00	04/14/09 21:58	7439-92-1	
Magnesium	**27.3**	mg/kg	9.3	0.28	1	04/13/09 14:00	04/14/09 21:58	7439-95-4	
Manganese	**0.90**	mg/kg	0.46	0.028	1	04/13/09 14:00	04/14/09 21:58	7439-96-5	
Nickel	ND	mg/kg	0.46	0.17	1	04/13/09 14:00	04/14/09 21:58	7440-02-0	
Potassium	ND	mg/kg	463	0.39	1	04/13/09 14:00	04/14/09 21:58	7440-09-7	
Selenium	ND	mg/kg	0.93	0.35	1	04/13/09 14:00	04/14/09 21:58	7782-49-2	
Silver	ND	mg/kg	0.46	0.028	1	04/13/09 14:00	04/14/09 21:58	7440-22-4	
Sodium	ND	mg/kg	463	0.57	1	04/13/09 14:00	04/14/09 21:58	7440-23-5	
Thallium	ND	mg/kg	0.93	0.24	1	04/13/09 14:00	04/14/09 21:58	7440-28-0	
Vanadium	**6.9**	mg/kg	0.46	0.037	1	04/13/09 14:00	04/14/09 21:58	7440-62-2	
Zinc	**1.7**	mg/kg	0.93	0.24	1	04/13/09 14:00	04/14/09 21:58	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.011**	mg/kg	0.0043	0.000087	1	04/15/09 11:45	04/15/09 18:33	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**19.5**	%	0.10	0.10	1		04/10/09 10:16		

Sample: BG-3 **Lab ID: 9241716007** Collected: 04/07/09 13:07 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Aluminum	**4050**	mg/kg	9.0	2.3	1	04/20/09 14:00	04/20/09 16:39	7429-90-5	M0
Antimony	ND	mg/kg	0.45	0.25	1	04/20/09 14:00	04/20/09 16:39	7440-36-0	
Arsenic	**0.68**	mg/kg	0.45	0.29	1	04/20/09 14:00	04/20/09 16:39	7440-38-2	
Barium	**11.2**	mg/kg	0.45	0.018	1	04/20/09 14:00	04/20/09 16:39	7440-39-3	
Beryllium	ND	mg/kg	0.090	0.018	1	04/20/09 14:00	04/20/09 16:39	7440-41-7	
Cadmium	**0.18**	mg/kg	0.090	0.054	1	04/20/09 14:00	04/20/09 16:39	7440-43-9	
Calcium	**99.0**	mg/kg	9.0	2.3	1	04/20/09 14:00	04/20/09 16:39	7440-70-2	
Chromium	**4.6**	mg/kg	0.45	0.027	1	04/20/09 14:00	04/20/09 16:39	7440-47-3	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: BG-3 **Lab ID: 9241716007** Collected: 04/07/09 13:07 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Cobalt	ND	mg/kg	0.45	0.13	1	04/20/09 14:00	04/20/09 16:39	7440-48-4	
Copper	**0.98**	mg/kg	0.45	0.036	1	04/20/09 14:00	04/20/09 16:39	7440-50-8	
Iron	**2210**	mg/kg	4.5	0.42	1	04/20/09 14:00	04/20/09 16:39	7439-89-6	M0
Lead	**4.1**	mg/kg	0.45	0.43	1	04/20/09 14:00	04/20/09 16:39	7439-92-1	
Magnesium	**55.6**	mg/kg	9.0	0.27	1	04/20/09 14:00	04/20/09 16:39	7439-95-4	
Manganese	**1.4**	mg/kg	0.45	0.027	1	04/20/09 14:00	04/20/09 16:39	7439-96-5	
Nickel	**0.51**	mg/kg	0.45	0.16	1	04/20/09 14:00	04/20/09 16:39	7440-02-0	
Potassium	ND	mg/kg	452	0.38	1	04/20/09 14:00	04/20/09 16:39	7440-09-7	
Selenium	ND	mg/kg	0.90	0.34	1	04/20/09 14:00	04/20/09 16:39	7782-49-2	M0
Silver	ND	mg/kg	0.45	0.027	1	04/20/09 14:00	04/20/09 16:39	7440-22-4	
Sodium	ND	mg/kg	452	0.56	1	04/20/09 14:00	04/20/09 16:39	7440-23-5	M0
Thallium	ND	mg/kg	0.90	0.23	1	04/20/09 14:00	04/20/09 16:39	7440-28-0	
Vanadium	**6.8**	mg/kg	0.45	0.036	1	04/20/09 14:00	04/20/09 16:39	7440-62-2	
Zinc	**2.2**	mg/kg	0.90	0.23	1	04/20/09 14:00	04/20/09 16:39	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.022**	mg/kg	0.0042	0.000083	1	04/15/09 11:45	04/15/09 18:36	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.2**	%	0.10	0.10	1		04/10/09 10:16		

Sample: SB-7A **Lab ID: 9241716008** Collected: 04/07/09 14:55 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Aluminum	**1900**	mg/kg	10.8	2.8	1	04/20/09 14:00	04/20/09 16:47	7429-90-5	
Antimony	ND	mg/kg	0.54	0.30	1	04/20/09 14:00	04/20/09 16:47	7440-36-0	
Arsenic	**1.1**	mg/kg	0.54	0.35	1	04/20/09 14:00	04/20/09 16:47	7440-38-2	R1
Barium	**7.9**	mg/kg	0.54	0.022	1	04/20/09 14:00	04/20/09 16:47	7440-39-3	
Beryllium	**0.18**	mg/kg	0.11	0.022	1	04/20/09 14:00	04/20/09 16:47	7440-41-7	
Cadmium	**0.45**	mg/kg	0.11	0.065	1	04/20/09 14:00	04/20/09 16:47	7440-43-9	
Calcium	**52.2**	mg/kg	10.8	2.8	1	04/20/09 14:00	04/20/09 16:47	7440-70-2	
Chromium	**5.3**	mg/kg	0.54	0.032	1	04/20/09 14:00	04/20/09 16:47	7440-47-3	
Cobalt	ND	mg/kg	0.54	0.15	1	04/20/09 14:00	04/20/09 16:47	7440-48-4	
Copper	**1.3**	mg/kg	0.54	0.043	1	04/20/09 14:00	04/20/09 16:47	7440-50-8	
Iron	**4320**	mg/kg	5.4	0.50	1	04/20/09 14:00	04/20/09 16:47	7439-89-6	
Lead	**4.8**	mg/kg	0.54	0.52	1	04/20/09 14:00	04/20/09 16:47	7439-92-1	
Magnesium	**27.1**	mg/kg	10.8	0.32	1	04/20/09 14:00	04/20/09 16:47	7439-95-4	
Manganese	**2.5**	mg/kg	0.54	0.032	1	04/20/09 14:00	04/20/09 16:47	7439-96-5	
Nickel	**0.59**	mg/kg	0.54	0.19	1	04/20/09 14:00	04/20/09 16:47	7440-02-0	R1
Potassium	ND	mg/kg	540	0.45	1	04/20/09 14:00	04/20/09 16:47	7440-09-7	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: SB-7A **Lab ID: 9241716008** Collected: 04/07/09 14:55 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010		Preparation Method: EPA 3050						
Selenium	ND	mg/kg	1.1	0.41	1	04/20/09 14:00	04/20/09 16:47	7782-49-2	
Silver	ND	mg/kg	0.54	0.032	1	04/20/09 14:00	04/20/09 16:47	7440-22-4	
Sodium	ND	mg/kg	540	0.67	1	04/20/09 14:00	04/20/09 16:47	7440-23-5	
Thallium	ND	mg/kg	1.1	0.28	1	04/20/09 14:00	04/20/09 16:47	7440-28-0	
Vanadium	**26.0**	mg/kg	0.54	0.043	1	04/20/09 14:00	04/20/09 16:47	7440-62-2	
Zinc	**1.9**	mg/kg	1.1	0.28	1	04/20/09 14:00	04/20/09 16:47	7440-66-6	R1
7471 Mercury	Analytical Method: EPA 7471		Preparation Method: EPA 7471						
Mercury	ND	mg/kg	0.0024	0.000049	1	04/15/09 11:45	04/15/09 18:38	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270		Preparation Method: EPA 3546						
Acenaphthene	ND	ug/kg	392	90.3	1	04/09/09 10:00	04/14/09 00:14	83-32-9	
Acenaphthylene	ND	ug/kg	392	92.7	1	04/09/09 10:00	04/14/09 00:14	208-96-8	
Acetophenone	ND	ug/kg	392	202	1	04/09/09 10:00	04/14/09 00:14	98-86-2	
Anthracene	ND	ug/kg	392	87.9	1	04/09/09 10:00	04/14/09 00:14	120-12-7	
Atrazine	ND	ug/kg	784	154	1	04/09/09 10:00	04/14/09 00:14	1912-24-9	
Benzaldehyde	ND	ug/kg	784	392	1	04/09/09 10:00	04/14/09 00:14	100-52-7	
Benzo(a)anthracene	ND	ug/kg	392	72.5	1	04/09/09 10:00	04/14/09 00:14	56-55-3	
Benzo(a)pyrene	ND	ug/kg	392	74.8	1	04/09/09 10:00	04/14/09 00:14	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	392	67.7	1	04/09/09 10:00	04/14/09 00:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	392	99.8	1	04/09/09 10:00	04/14/09 00:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	392	77.2	1	04/09/09 10:00	04/14/09 00:14	207-08-9	
Biphenyl (Diphenyl)	ND	ug/kg	392	124	1	04/09/09 10:00	04/14/09 00:14	92-52-4	
4-Bromophenylphenyl ether	ND	ug/kg	392	71.3	1	04/09/09 10:00	04/14/09 00:14	101-55-3	
Butylbenzylphthalate	ND	ug/kg	392	83.2	1	04/09/09 10:00	04/14/09 00:14	85-68-7	
Caprolactam	ND	ug/kg	392	67.7	1	04/09/09 10:00	04/14/09 00:14	105-60-2	
Carbazole	ND	ug/kg	392	74.8	1	04/09/09 10:00	04/14/09 00:14	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	784	80.8	1	04/09/09 10:00	04/14/09 00:14	59-50-7	
4-Chloroaniline	ND	ug/kg	1960	109	1	04/09/09 10:00	04/14/09 00:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	392	91.5	1	04/09/09 10:00	04/14/09 00:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	392	99.8	1	04/09/09 10:00	04/14/09 00:14	111-44-4	
2-Chloronaphthalene	ND	ug/kg	392	77.2	1	04/09/09 10:00	04/14/09 00:14	91-58-7	
2-Chlorophenol	ND	ug/kg	392	107	1	04/09/09 10:00	04/14/09 00:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	392	80.8	1	04/09/09 10:00	04/14/09 00:14	7005-72-3	
Chrysene	ND	ug/kg	392	52.3	1	04/09/09 10:00	04/14/09 00:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	392	83.2	1	04/09/09 10:00	04/14/09 00:14	53-70-3	
Dibenzofuran	ND	ug/kg	392	64.2	1	04/09/09 10:00	04/14/09 00:14	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1960	85.5	1	04/09/09 10:00	04/14/09 00:14	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	392	85.5	1	04/09/09 10:00	04/14/09 00:14	120-83-2	
Diethylphthalate	ND	ug/kg	392	60.6	1	04/09/09 10:00	04/14/09 00:14	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	392	154	1	04/09/09 10:00	04/14/09 00:14	105-67-9	
Dimethylphthalate	ND	ug/kg	392	79.6	1	04/09/09 10:00	04/14/09 00:14	131-11-3	
Di-n-butylphthalate	ND	ug/kg	392	64.2	1	04/09/09 10:00	04/14/09 00:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	784	78.4	1	04/09/09 10:00	04/14/09 00:14	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1960	64.2	1	04/09/09 10:00	04/14/09 00:14	51-28-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: SB-7A **Lab ID: 9241716008** Collected: 04/07/09 14:55 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dinitrotoluene	ND	ug/kg	392	73.7	1	04/09/09 10:00	04/14/09 00:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	392	82.0	1	04/09/09 10:00	04/14/09 00:14	606-20-2	
Di-n-octylphthalate	ND	ug/kg	392	82.0	1	04/09/09 10:00	04/14/09 00:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	392	107	1	04/09/09 10:00	04/14/09 00:14	117-81-7	
Fluoranthene	ND	ug/kg	392	57.0	1	04/09/09 10:00	04/14/09 00:14	206-44-0	
Fluorene	ND	ug/kg	392	80.8	1	04/09/09 10:00	04/14/09 00:14	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	392	67.7	1	04/09/09 10:00	04/14/09 00:14	87-68-3	
Hexachlorobenzene	ND	ug/kg	392	49.9	1	04/09/09 10:00	04/14/09 00:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	392	72.5	1	04/09/09 10:00	04/14/09 00:14	77-47-4	
Hexachloroethane	ND	ug/kg	392	103	1	04/09/09 10:00	04/14/09 00:14	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	392	80.8	1	04/09/09 10:00	04/14/09 00:14	193-39-5	
Isophorone	ND	ug/kg	392	87.9	1	04/09/09 10:00	04/14/09 00:14	78-59-1	
2-Methylnaphthalene	ND	ug/kg	392	84.4	1	04/09/09 10:00	04/14/09 00:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	392	119	1	04/09/09 10:00	04/14/09 00:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	392	154	1	04/09/09 10:00	04/14/09 00:14		
Naphthalene	ND	ug/kg	392	96.2	1	04/09/09 10:00	04/14/09 00:14	91-20-3	
2-Nitroaniline	ND	ug/kg	1960	121	1	04/09/09 10:00	04/14/09 00:14	88-74-4	
3-Nitroaniline	ND	ug/kg	1960	107	1	04/09/09 10:00	04/14/09 00:14	99-09-2	
4-Nitroaniline	ND	ug/kg	784	110	1	04/09/09 10:00	04/14/09 00:14	100-01-6	
Nitrobenzene	ND	ug/kg	392	107	1	04/09/09 10:00	04/14/09 00:14	98-95-3	
2-Nitrophenol	ND	ug/kg	392	95.0	1	04/09/09 10:00	04/14/09 00:14	88-75-5	
4-Nitrophenol	ND	ug/kg	1960	70.1	1	04/09/09 10:00	04/14/09 00:14	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	392	74.8	1	04/09/09 10:00	04/14/09 00:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	392	116	1	04/09/09 10:00	04/14/09 00:14	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	392	105	1	04/09/09 10:00	04/14/09 00:14	108-60-1	
Pentachlorophenol	ND	ug/kg	1960	71.3	1	04/09/09 10:00	04/14/09 00:14	87-86-5	
Phenanthrene	ND	ug/kg	392	65.3	1	04/09/09 10:00	04/14/09 00:14	85-01-8	
Phenol	ND	ug/kg	392	118	1	04/09/09 10:00	04/14/09 00:14	108-95-2	
Pyrene	ND	ug/kg	392	66.5	1	04/09/09 10:00	04/14/09 00:14	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	392	143	1	04/09/09 10:00	04/14/09 00:14	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/kg	392	154	1	04/09/09 10:00	04/14/09 00:14	58-90-2	
2,4,5-Trichlorophenol	ND	ug/kg	392	121	1	04/09/09 10:00	04/14/09 00:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	392	86.7	1	04/09/09 10:00	04/14/09 00:14	88-06-2	
Nitrobenzene-d5 (S)	69	%	30-150		1	04/09/09 10:00	04/14/09 00:14	4165-60-0	
2-Fluorobiphenyl (S)	66	%	46-120		1	04/09/09 10:00	04/14/09 00:14	321-60-8	
Terphenyl-d14 (S)	99	%	38-108		1	04/09/09 10:00	04/14/09 00:14	1718-51-0	
Phenol-d6 (S)	73	%	35-120		1	04/09/09 10:00	04/14/09 00:14	13127-88-3	
2-Fluorophenol (S)	82	%	24-120		1	04/09/09 10:00	04/14/09 00:14	367-12-4	
2,4,6-Tribromophenol (S)	100	%	44-136		1	04/09/09 10:00	04/14/09 00:14	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	5090	509	50		04/09/09 20:24	67-64-1	
Benzene	ND	ug/kg	255	81.5	50		04/09/09 20:24	71-43-2	
Bromochloromethane	ND	ug/kg	255	86.6	50		04/09/09 20:24	74-97-5	
Bromodichloromethane	ND	ug/kg	255	96.8	50		04/09/09 20:24	75-27-4	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: SB-7A **Lab ID: 9241716008** Collected: 04/07/09 14:55 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Bromoform	ND	ug/kg	255	117	50		04/09/09 20:24	75-25-2	
Bromomethane	ND	ug/kg	509	127	50		04/09/09 20:24	74-83-9	
2-Butanone (MEK)	ND	ug/kg	5090	148	50		04/09/09 20:24	78-93-3	
Carbon disulfide	ND	ug/kg	509	153	50		04/09/09 20:24	75-15-0	
Carbon tetrachloride	ND	ug/kg	255	132	50		04/09/09 20:24	56-23-5	
Chlorobenzene	ND	ug/kg	255	96.8	50		04/09/09 20:24	108-90-7	
Chloroethane	ND	ug/kg	509	122	50		04/09/09 20:24	75-00-3	
Chloroform	ND	ug/kg	255	81.5	50		04/09/09 20:24	67-66-3	
Chloromethane	ND	ug/kg	509	122	50		04/09/09 20:24	74-87-3	
Cyclohexane	ND	ug/kg	255	81.5	50		04/09/09 20:24	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	255	183	50		04/09/09 20:24	96-12-8	
Dibromochloromethane	ND	ug/kg	255	91.7	50		04/09/09 20:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	255	91.7	50		04/09/09 20:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	255	96.8	50		04/09/09 20:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	255	102	50		04/09/09 20:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	255	86.6	50		04/09/09 20:24	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	509	183	50		04/09/09 20:24	75-71-8	
1,1-Dichloroethane	ND	ug/kg	255	76.4	50		04/09/09 20:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	255	112	50		04/09/09 20:24	107-06-2	
1,1-Dichloroethene	**2160**	ug/kg	255	91.7	50		04/09/09 20:24	75-35-4	
cis-1,2-Dichloroethene	**276**	ug/kg	255	71.3	50		04/09/09 20:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	255	96.8	50		04/09/09 20:24	156-60-5	
1,2-Dichloropropane	ND	ug/kg	255	86.6	50		04/09/09 20:24	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	255	91.7	50		04/09/09 20:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	255	76.4	50		04/09/09 20:24	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	7640	6110	50		04/09/09 20:24	123-91-1	
Ethylbenzene	ND	ug/kg	255	91.7	50		04/09/09 20:24	100-41-4	
2-Hexanone	ND	ug/kg	2550	199	50		04/09/09 20:24	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	255	96.8	50		04/09/09 20:24	98-82-8	
Methyl acetate	ND	ug/kg	509	71.3	50		04/09/09 20:24	79-20-9	L1
Methylcyclohexane	ND	ug/kg	509	76.4	50		04/09/09 20:24	108-87-2	
Methylene Chloride	ND	ug/kg	1020	153	50		04/09/09 20:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	2550	188	50		04/09/09 20:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	255	76.4	50		04/09/09 20:24	1634-04-4	
Styrene	ND	ug/kg	255	91.7	50		04/09/09 20:24	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	255	96.8	50		04/09/09 20:24	79-34-5	
Tetrachloroethene	**33900**	ug/kg	2550	866	500		04/13/09 16:20	127-18-4	
Toluene	ND	ug/kg	255	91.7	50		04/09/09 20:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	255	112	50		04/09/09 20:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	255	81.5	50		04/09/09 20:24	120-82-1	
1,1,1-Trichloroethane	**882**	ug/kg	255	91.7	50		04/09/09 20:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	255	107	50		04/09/09 20:24	79-00-5	
Trichloroethene	**298**	ug/kg	255	107	50		04/09/09 20:24	79-01-6	
Trichlorofluoromethane	**393**	ug/kg	255	112	50		04/09/09 20:24	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	255	96.8	50		04/09/09 20:24	76-13-1	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9241716

Sample: SB-7A **Lab ID: 9241716008** Collected: 04/07/09 14:55 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Vinyl chloride	ND	ug/kg	509	91.7	50		04/09/09 20:24	75-01-4	
m&p-Xylene	ND	ug/kg	509	183	50		04/09/09 20:24	1330-20-7	
o-Xylene	ND	ug/kg	255	96.8	50		04/09/09 20:24	95-47-6	
Dibromofluoromethane (S)	119	%	79-116		50		04/09/09 20:24	1868-53-7	S0
Toluene-d8 (S)	104	%	88-110		50		04/09/09 20:24	2037-26-5	
4-Bromofluorobenzene (S)	97	%	74-115		50		04/09/09 20:24	460-00-4	
1,2-Dichloroethane-d4 (S)	121	%	69-121		50		04/09/09 20:24	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.8**	%	0.10	0.10	1		04/10/09 10:16		

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

QC Batch: MSV/6708 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9241716001, 9241716003, 9241716004

METHOD BLANK: 264771 Matrix: Water
Associated Lab Samples: 9241716001, 9241716003, 9241716004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	04/17/09 17:49	
1,1,2,2-Tetrachloroethane	ug/L	ND	3.0	04/17/09 17:49	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/17/09 17:49	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	04/17/09 17:49	
1,1-Dichloroethane	ug/L	ND	5.0	04/17/09 17:49	
1,1-Dichloroethene	ug/L	ND	5.0	04/17/09 17:49	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	04/17/09 17:49	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	04/17/09 17:49	
1,2-Dibromo-3-chloropropane	ug/L	ND	13.0	04/17/09 17:49	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/17/09 17:49	
1,2-Dichlorobenzene	ug/L	ND	5.0	04/17/09 17:49	
1,2-Dichloroethane	ug/L	ND	1.0	04/17/09 17:49	
1,2-Dichloropropane	ug/L	ND	1.0	04/17/09 17:49	
1,3-Dichlorobenzene	ug/L	ND	1.0	04/17/09 17:49	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/17/09 17:49	
1,4-Dioxane (p-Dioxane)	ug/L	ND	150	04/17/09 17:49	
2-Butanone (MEK)	ug/L	ND	100	04/17/09 17:49	
2-Hexanone	ug/L	ND	50.0	04/17/09 17:49	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	04/17/09 17:49	
Acetone	ug/L	ND	100	04/17/09 17:49	
Benzene	ug/L	ND	1.0	04/17/09 17:49	
Bromochloromethane	ug/L	ND	3.0	04/17/09 17:49	
Bromodichloromethane	ug/L	ND	1.0	04/17/09 17:49	
Bromoform	ug/L	ND	3.0	04/17/09 17:49	
Bromomethane	ug/L	ND	10.0	04/17/09 17:49	
Carbon disulfide	ug/L	ND	100	04/17/09 17:49	
Carbon tetrachloride	ug/L	ND	1.0	04/17/09 17:49	
Chlorobenzene	ug/L	ND	3.0	04/17/09 17:49	
Chloroethane	ug/L	ND	10.0	04/17/09 17:49	
Chloroform	ug/L	ND	5.0	04/17/09 17:49	
Chloromethane	ug/L	ND	1.0	04/17/09 17:49	
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/17/09 17:49	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/17/09 17:49	
Cyclohexane	ug/L	ND	1.0	04/17/09 17:49	
Dibromochloromethane	ug/L	ND	3.0	04/17/09 17:49	
Dichlorodifluoromethane	ug/L	ND	1.0	04/17/09 17:49	
Ethylbenzene	ug/L	ND	1.0	04/17/09 17:49	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	04/17/09 17:49	
m&p-Xylene	ug/L	ND	2.0	04/17/09 17:49	
Methyl acetate	ug/L	ND	10.0	04/17/09 17:49	
Methyl-tert-butyl ether	ug/L	ND	1.0	04/17/09 17:49	
Methylcyclohexane	ug/L	ND	10.0	04/17/09 17:49	
Methylene Chloride	ug/L	ND	2.0	04/17/09 17:49	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

METHOD BLANK: 264771 Matrix: Water

Associated Lab Samples: 9241716001, 9241716003, 9241716004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
o-Xylene	ug/L	ND	1.0	04/17/09 17:49	
Styrene	ug/L	ND	1.0	04/17/09 17:49	
Tetrachloroethene	ug/L	ND	1.0	04/17/09 17:49	
Toluene	ug/L	ND	1.0	04/17/09 17:49	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/17/09 17:49	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/17/09 17:49	
Trichloroethene	ug/L	ND	1.0	04/17/09 17:49	
Trichlorofluoromethane	ug/L	ND	1.0	04/17/09 17:49	
Vinyl chloride	ug/L	ND	1.0	04/17/09 17:49	
1,2-Dichloroethane-d4 (S)	%	96	79-120	04/17/09 17:49	
4-Bromofluorobenzene (S)	%	103	87-109	04/17/09 17:49	
Dibromofluoromethane (S)	%	94	85-115	04/17/09 17:49	
Toluene-d8 (S)	%	95	70-120	04/17/09 17:49	

LABORATORY CONTROL SAMPLE: 264772

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	47.1	94	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	47.3	95	73-127	
1,1,2-Trichloroethane	ug/L	50	48.4	97	77-123	
1,1,2-Trichlorotrifluoroethane	ug/L	50	45.1	90	69-140	
1,1-Dichloroethane	ug/L	50	41.3	83	76-129	
1,1-Dichloroethene	ug/L	50	39.5	79	78-146	
1,2,3-Trichlorobenzene	ug/L	50	59.9	120	70-150	
1,2,4-Trichlorobenzene	ug/L	50	53.3	107	68-127	
1,2-Dibromo-3-chloropropane	ug/L	50	53.0	106	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	51.7	103	81-125	
1,2-Dichlorobenzene	ug/L	50	47.9	96	82-126	
1,2-Dichloroethane	ug/L	50	48.1	96	72-126	
1,2-Dichloropropane	ug/L	50	44.6	89	80-127	
1,3-Dichlorobenzene	ug/L	50	47.3	95	82-124	
1,4-Dichlorobenzene	ug/L	50	46.1	92	79-125	
1,4-Dioxane (p-Dioxane)	ug/L	1000	1340	134	50-150	
2-Butanone (MEK)	ug/L	100	97.7J	98	50-134	
2-Hexanone	ug/L	100	109	109	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	106	70-131	
Acetone	ug/L	100	77.8J	78	50-146	
Benzene	ug/L	50	45.0	90	78-128	
Bromochloromethane	ug/L	50	53.5	107	73-124	
Bromodichloromethane	ug/L	50	48.5	97	81-125	
Bromoform	ug/L	50	53.9	108	71-125	
Bromomethane	ug/L	50	34.0	68	50-150	
Carbon disulfide	ug/L	50	38.3J	77	54-150	
Carbon tetrachloride	ug/L	50	50.1	100	81-137	
Chlorobenzene	ug/L	50	46.4	93	82-126	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 264772

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	50	33.0	66	69-140	L0
Chloroform	ug/L	50	46.9	94	77-129	
Chloromethane	ug/L	50	42.2	84	54-139	
cis-1,2-Dichloroethene	ug/L	50	47.5	95	76-133	
cis-1,3-Dichloropropene	ug/L	50	43.4	87	76-127	
Cyclohexane	ug/L	50	40.9	82	50-150	
Dibromochloromethane	ug/L	50	50.4	101	77-125	
Dichlorodifluoromethane	ug/L	50	42.6	85	50-150	
Ethylbenzene	ug/L	50	45.7	91	80-127	
Isopropylbenzene (Cumene)	ug/L	50	45.5	91	84-135	
m&p-Xylene	ug/L	100	92.0	92	82-127	
Methyl acetate	ug/L	50	39.9	80	50-150	
Methyl-tert-butyl ether	ug/L	50	46.0	92	71-130	
Methylcyclohexane	ug/L	50	40.4	81	50-150	
Methylene Chloride	ug/L	50	35.4	71	67-133	
o-Xylene	ug/L	50	45.7	91	83-124	
Styrene	ug/L	50	48.8	98	80-130	
Tetrachloroethene	ug/L	50	47.7	95	78-128	
Toluene	ug/L	50	44.2	88	76-126	
trans-1,2-Dichloroethene	ug/L	50	38.5	77	78-134	L0
trans-1,3-Dichloropropene	ug/L	50	45.6	91	75-125	
Trichloroethene	ug/L	50	49.1	98	79-127	
Trichlorofluoromethane	ug/L	50	42.4	85	76-148	
Vinyl chloride	ug/L	50	46.4	93	67-143	
1,2-Dichloroethane-d4 (S)	%			105	79-120	
4-Bromofluorobenzene (S)	%			106	87-109	
Dibromofluoromethane (S)	%			105	85-115	
Toluene-d8 (S)	%			95	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 265010 265011

Parameter	Units	9241988001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	40.9	38.4	82	77	60-150	6	30	
Benzene	ug/L	ND	50	50	49.3	47.5	98	95	74-136	4	30	
Chlorobenzene	ug/L	ND	50	50	50.8	48.4	102	97	79-135	5	30	
Toluene	ug/L	ND	50	50	49.6	47.2	99	94	73-131	5	30	
Trichloroethene	ug/L	ND	50	50	52.5	49.8	105	100	73-131	5	30	
1,2-Dichloroethane-d4 (S)	%						96	96	79-120			
4-Bromofluorobenzene (S)	%						104	102	87-109			
Dibromofluoromethane (S)	%						94	93	85-115			
Toluene-d8 (S)	%						94	93	70-120			

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

QC Batch: MERP/2075 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 9241716006, 9241716007, 9241716008

METHOD BLANK: 263275 Matrix: Solid
Associated Lab Samples: 9241716006, 9241716007, 9241716008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.0050	04/15/09 16:37	

LABORATORY CONTROL SAMPLE: 263276

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.067	0.073	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 263277 263278

Parameter	Units	9241082001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.78	.053	.073	0.66	3.0	-223	3100	75-125	129	20	M0,R1

SAMPLE DUPLICATE: 263279

Parameter	Units	9241961005 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	mg/kg	0.0126	0.013	4	20	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

QC Batch: MPRP/4137
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Associated Lab Samples: 9241716005, 9241716006

METHOD BLANK: 262506
Matrix: Solid
Associated Lab Samples: 9241716005, 9241716006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	mg/kg	ND	10.0	04/14/09 20:20	
Antimony	mg/kg	ND	0.50	04/14/09 20:20	
Arsenic	mg/kg	ND	0.50	04/14/09 20:20	
Barium	mg/kg	ND	0.50	04/14/09 20:20	
Beryllium	mg/kg	ND	0.10	04/14/09 20:20	
Cadmium	mg/kg	ND	0.10	04/14/09 20:20	
Calcium	mg/kg	ND	10.0	04/14/09 20:20	
Chromium	mg/kg	ND	0.50	04/14/09 20:20	
Cobalt	mg/kg	ND	0.50	04/14/09 20:20	
Copper	mg/kg	ND	0.50	04/14/09 20:20	
Iron	mg/kg	ND	5.0	04/14/09 20:20	
Lead	mg/kg	ND	0.50	04/14/09 20:20	
Magnesium	mg/kg	ND	10.0	04/14/09 20:20	
Manganese	mg/kg	ND	0.50	04/14/09 20:20	
Nickel	mg/kg	ND	0.50	04/14/09 20:20	
Potassium	mg/kg	ND	500	04/14/09 20:20	
Selenium	mg/kg	ND	1.0	04/14/09 20:20	
Silver	mg/kg	ND	0.50	04/14/09 20:20	
Sodium	mg/kg	ND	500	04/14/09 20:20	
Thallium	mg/kg	ND	1.0	04/14/09 20:20	
Vanadium	mg/kg	ND	0.50	04/14/09 20:20	
Zinc	mg/kg	ND	1.0	04/14/09 20:20	

LABORATORY CONTROL SAMPLE: 262507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	500	524	105	80-120	
Antimony	mg/kg	50	50.0	100	80-120	
Arsenic	mg/kg	50	48.4	97	80-120	
Barium	mg/kg	50	50.9	102	80-120	
Beryllium	mg/kg	50	50.6	101	80-120	
Cadmium	mg/kg	50	47.9	96	80-120	
Calcium	mg/kg	500	497	99	80-120	
Chromium	mg/kg	50	49.5	99	80-120	
Cobalt	mg/kg	50	49.5	99	80-120	
Copper	mg/kg	50	50.7	101	80-120	
Iron	mg/kg	500	534	107	80-120	
Lead	mg/kg	50	48.3	97	80-120	
Magnesium	mg/kg	500	509	102	80-120	
Manganese	mg/kg	50	50.5	101	80-120	
Nickel	mg/kg	50	49.4	99	80-120	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 262507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Potassium	mg/kg	500	465J	93	80-120	
Selenium	mg/kg	50	47.5	95	80-120	
Silver	mg/kg	25	24.3	97	80-120	
Sodium	mg/kg	500	544	109	80-120	
Thallium	mg/kg	50	47.2	94	80-120	
Vanadium	mg/kg	50	49.6	99	80-120	
Zinc	mg/kg	50	48.3	97	80-120	

MATRIX SPIKE SAMPLE: 262508

Parameter	Units	9241763003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	ND	431	465	106	75-125	
Antimony	mg/kg	1.14 ug/g	43.1	42.2	95	75-125	
Arsenic	mg/kg	ND	43.1	40.4	93	75-125	
Barium	mg/kg	3.58 ug/g	43.1	44.1	94	75-125	
Beryllium	mg/kg	ND	43.1	42.2	98	75-125	
Cadmium	mg/kg	ND	43.1	40.1	93	75-125	
Calcium	mg/kg	627 ug/g	431	888	61	75-125	M0
Chromium	mg/kg	13.9 ug/g	43.1	58.1	103	75-125	
Cobalt	mg/kg	0.651 ug/g	43.1	41.5	95	75-125	
Copper	mg/kg	3.29 ug/g	43.1	42.8	92	75-125	
Iron	mg/kg	132 ug/g	431	567	101	75-125	
Lead	mg/kg	ND	43.1	40.6	94	75-125	
Magnesium	mg/kg	12.3 ug/g	431	434	98	75-125	
Manganese	mg/kg	2.15 ug/g	43.1	43.6	96	75-125	
Nickel	mg/kg	4.65 ug/g	43.1	44.2	92	75-125	
Potassium	mg/kg	ND	431	402J	91	75-125	
Selenium	mg/kg	ND	43.1	39.8	92	75-125	
Silver	mg/kg	ND	21.6	20.6	95	75-125	
Sodium	mg/kg	ND	431	470	106	75-125	
Thallium	mg/kg	0.927 ug/g	43.1	38.8	88	75-125	
Vanadium	mg/kg	ND	43.1	41.1	95	75-125	
Zinc	mg/kg	5.52 ug/g	43.1	45.7	93	75-125	

SAMPLE DUPLICATE: 262509

Parameter	Units	9241763004 Result	Dup Result	RPD	Max RPD	Qualifiers
Aluminum	mg/kg	14.9 ug/g	158	166	20	R1
Antimony	mg/kg	4.59 ug/g	5.2	13	20	
Arsenic	mg/kg	ND	ND		20	
Barium	mg/kg	1.51 ug/g	7.9	135	20	R1
Beryllium	mg/kg	ND	ND		20	
Cadmium	mg/kg	ND	ND		20	
Calcium	mg/kg	552 ug/g	2510	128	20	R1
Chromium	mg/kg	0.514 ug/g	4.8	161	20	R1

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

SAMPLE DUPLICATE: 262509

Parameter	Units	9241763004 Result	Dup Result	RPD	Max RPD	Qualifiers
Cobalt	mg/kg	0.546 ug/g	1.1	67	20	R1
Copper	mg/kg	1.44 ug/g	5.6	118	20	R1
Iron	mg/kg	53.7 ug/g	359	148	20	R1
Lead	mg/kg	ND	0.65		20	
Magnesium	mg/kg	27.8 ug/g	127	128	20	R1
Manganese	mg/kg	4.67 ug/g	35.7	154	20	R1
Nickel	mg/kg	2.71 ug/g	9.3	109	20	R1
Potassium	mg/kg	ND	33.3J		20	
Selenium	mg/kg	ND	ND		20	
Silver	mg/kg	ND	.044J		20	
Sodium	mg/kg	ND	64.6J		20	
Thallium	mg/kg	ND	ND		20	
Vanadium	mg/kg	ND	.24J		20	
Zinc	mg/kg	8.00 ug/g	29.2	114	20	R1

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

QC Batch: PMST/2373
Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 9241716005, 9241716006, 9241716007, 9241716008

SAMPLE DUPLICATE: 261371

Parameter	Units	9241790001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.3	16.8	2	25	

SAMPLE DUPLICATE: 261372

Parameter	Units	9241716008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.8	15.7	.6	25	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

QC Batch: OEXT/6422
Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3510
Analysis Description: 8270 Water 1,4 Dioxane by SIM
Associated Lab Samples: 9241716003, 9241716004

METHOD BLANK: 262793
Matrix: Water
Associated Lab Samples: 9241716003, 9241716004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	ND	3.0	04/21/09 17:17	

LABORATORY CONTROL SAMPLE & LCSD: 262794 262795

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	10	10.2	10.9	102	109	50-150	7	30	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

QC Batch: MERP/2070 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 9241716002, 9241716003, 9241716004

METHOD BLANK: 261637 Matrix: Water
Associated Lab Samples: 9241716002, 9241716003, 9241716004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	04/10/09 16:10	

LABORATORY CONTROL SAMPLE: 261638

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.4	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 261639 261640

Parameter	Units	9241729004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.3	2.3	91	93	75-125	2	25	

SAMPLE DUPLICATE: 261641

Parameter	Units	9241509001 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	ND	ND		25	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

QC Batch: MPRP/4139 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 9241716002, 9241716003, 9241716004

METHOD BLANK: 262635 Matrix: Water
Associated Lab Samples: 9241716002, 9241716003, 9241716004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	100	04/16/09 12:02	
Antimony	ug/L	ND	5.0	04/16/09 12:02	
Arsenic	ug/L	ND	5.0	04/16/09 12:02	
Barium	ug/L	ND	5.0	04/16/09 12:02	
Beryllium	ug/L	ND	1.0	04/16/09 12:02	
Cadmium	ug/L	ND	1.0	04/16/09 12:02	
Calcium	ug/L	ND	100	04/16/09 12:02	
Chromium	ug/L	ND	5.0	04/16/09 12:02	
Cobalt	ug/L	ND	5.0	04/17/09 11:41	
Copper	ug/L	ND	5.0	04/16/09 12:02	
Iron	ug/L	ND	50.0	04/16/09 12:02	
Lead	ug/L	ND	5.0	04/16/09 12:02	
Magnesium	ug/L	ND	100	04/16/09 12:02	
Manganese	ug/L	ND	5.0	04/16/09 12:02	
Nickel	ug/L	ND	5.0	04/16/09 12:02	
Potassium	ug/L	ND	5000	04/16/09 12:02	
Selenium	ug/L	ND	10.0	04/16/09 12:02	
Silver	ug/L	ND	5.0	04/16/09 12:02	
Sodium	ug/L	ND	5000	04/16/09 12:02	
Thallium	ug/L	ND	10.0	04/16/09 12:02	
Vanadium	ug/L	ND	5.0	04/16/09 12:02	
Zinc	ug/L	ND	10.0	04/16/09 12:02	

LABORATORY CONTROL SAMPLE: 262636

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	5000	4750	95	80-120	
Antimony	ug/L	500	476	95	80-120	
Arsenic	ug/L	500	459	92	80-120	
Barium	ug/L	500	477	95	80-120	
Beryllium	ug/L	500	497	99	80-120	
Cadmium	ug/L	500	459	92	80-120	
Calcium	ug/L	5000	4810	96	80-120	
Chromium	ug/L	500	470	94	80-120	
Cobalt	ug/L	500	475	95	80-120	
Copper	ug/L	500	472	94	80-120	
Iron	ug/L	5000	4870	97	80-120	
Lead	ug/L	500	469	94	80-120	
Magnesium	ug/L	5000	4880	98	80-120	
Manganese	ug/L	500	476	95	80-120	
Nickel	ug/L	500	467	93	80-120	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 262636

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Potassium	ug/L	5000	4520J	90	80-120	
Selenium	ug/L	500	450	90	80-120	
Silver	ug/L	250	233	93	80-120	
Sodium	ug/L	5000	5040	101	80-120	
Thallium	ug/L	500	444	89	80-120	
Vanadium	ug/L	500	465	93	80-120	
Zinc	ug/L	500	467	93	80-120	

MATRIX SPIKE SAMPLE: 262637

Parameter	Units	9241664001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	ND	5000	5270	105	75-125	
Antimony	ug/L	ND	500	504	100	75-125	
Arsenic	ug/L	ND	500	505	100	75-125	
Barium	ug/L	ND	500	459	92	75-125	
Beryllium	ug/L	ND	500	516	103	75-125	
Cadmium	ug/L	ND	500	465	93	75-125	
Calcium	ug/L	2120	5000	7070	99	75-125	
Chromium	ug/L	5.9	500	483	95	75-125	
Cobalt	ug/L	ND	500	470	93	75-125	
Copper	ug/L	8.5	500	501	98	75-125	
Iron	ug/L	ND	5000	4900	98	75-125	
Lead	ug/L	ND	500	444	89	75-125	
Magnesium	ug/L	586	5000	5260	93	75-125	
Manganese	ug/L	670	500	1150	96	75-125	
Nickel	ug/L	19.8	500	482	92	75-125	
Potassium	ug/L	91000	5000	60800J	-605	75-125	M0
Selenium	ug/L	ND	500	494	99	75-125	
Silver	ug/L	ND	250	245	98	75-125	
Sodium	ug/L	ND	5000	86800	47	75-125	M0
Thallium	ug/L	ND	500	409	81	75-125	
Vanadium	ug/L	ND	500	476	95	75-125	
Zinc	ug/L	117	500	612	99	75-125	

SAMPLE DUPLICATE: 262638

Parameter	Units	9241716002 Result	Dup Result	RPD	Max RPD	Qualifiers
Aluminum	ug/L	ND	ND		20	
Antimony	ug/L	ND	ND		20	
Arsenic	ug/L	ND	ND		20	
Barium	ug/L	ND	.51J		20	
Beryllium	ug/L	ND	ND		20	
Cadmium	ug/L	ND	ND		20	
Calcium	ug/L	ND	27.2J		20	
Chromium	ug/L	ND	.47J		20	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

SAMPLE DUPLICATE: 262638

Parameter	Units	9241716002 Result	Dup Result	RPD	Max RPD	Qualifiers
Cobalt	ug/L	6.1	4J		20	
Copper	ug/L	ND	ND		20	
Iron	ug/L	ND	ND		20	
Lead	ug/L	ND	ND		20	
Magnesium	ug/L	ND	ND		20	
Manganese	ug/L	ND	ND		20	
Nickel	ug/L	ND	ND		20	
Potassium	ug/L	ND	10.7J		20	
Selenium	ug/L	ND	ND		20	
Silver	ug/L	ND	ND		20	
Sodium	ug/L	ND	20.8J		20	
Thallium	ug/L	ND	ND		20	
Vanadium	ug/L	ND	ND		20	
Zinc	ug/L	ND	6.2J		20	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

QC Batch: MPRP/4159
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Associated Lab Samples: 9241716007, 9241716008

METHOD BLANK: 265687
Matrix: Solid
Associated Lab Samples: 9241716007, 9241716008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	mg/kg	ND	10.0	04/20/09 16:32	
Antimony	mg/kg	ND	0.50	04/20/09 16:32	
Arsenic	mg/kg	ND	0.50	04/20/09 16:32	
Barium	mg/kg	ND	0.50	04/20/09 16:32	
Beryllium	mg/kg	ND	0.10	04/20/09 16:32	
Cadmium	mg/kg	ND	0.10	04/20/09 16:32	
Calcium	mg/kg	ND	10.0	04/20/09 16:32	
Chromium	mg/kg	ND	0.50	04/20/09 16:32	
Cobalt	mg/kg	ND	0.50	04/20/09 16:32	
Copper	mg/kg	ND	0.50	04/20/09 16:32	
Iron	mg/kg	ND	5.0	04/20/09 16:32	
Lead	mg/kg	ND	0.50	04/20/09 16:32	
Magnesium	mg/kg	ND	10.0	04/20/09 16:32	
Manganese	mg/kg	ND	0.50	04/20/09 16:32	
Nickel	mg/kg	ND	0.50	04/20/09 16:32	
Potassium	mg/kg	ND	500	04/20/09 16:32	
Selenium	mg/kg	ND	1.0	04/20/09 16:32	
Silver	mg/kg	ND	0.50	04/20/09 16:32	
Sodium	mg/kg	ND	500	04/20/09 16:32	
Thallium	mg/kg	ND	1.0	04/20/09 16:32	
Vanadium	mg/kg	ND	0.50	04/20/09 16:32	
Zinc	mg/kg	ND	1.0	04/20/09 16:32	

LABORATORY CONTROL SAMPLE: 265688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	500	483	97	80-120	
Antimony	mg/kg	50	50.7	101	80-120	
Arsenic	mg/kg	50	49.4	99	80-120	
Barium	mg/kg	50	49.6	99	80-120	
Beryllium	mg/kg	50	50.6	101	80-120	
Cadmium	mg/kg	50	50.2	100	80-120	
Calcium	mg/kg	500	523	105	80-120	
Chromium	mg/kg	50	50.4	101	80-120	
Cobalt	mg/kg	50	49.7	99	80-120	
Copper	mg/kg	50	49.7	99	80-120	
Iron	mg/kg	500	501	100	80-120	
Lead	mg/kg	50	50.7	101	80-120	
Magnesium	mg/kg	500	492	98	80-120	
Manganese	mg/kg	50	45.9	92	80-120	
Nickel	mg/kg	50	49.5	99	80-120	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 265688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Potassium	mg/kg	500	456J	91	80-120	
Selenium	mg/kg	50	49.6	99	80-120	
Silver	mg/kg	25	24.8	99	80-120	
Sodium	mg/kg	500	534	107	80-120	
Thallium	mg/kg	50	47.2	94	80-120	
Vanadium	mg/kg	50	49.4	99	80-120	
Zinc	mg/kg	50	50.8	102	80-120	

MATRIX SPIKE SAMPLE: 265689

Parameter	Units	9241716007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	4050	408	5460	345	75-125	M0
Antimony	mg/kg	ND	40.8	37.3	91	75-125	
Arsenic	mg/kg	0.68	40.8	36.4	87	75-125	
Barium	mg/kg	11.2	40.8	49.3	93	75-125	
Beryllium	mg/kg	ND	40.8	42.2	103	75-125	
Cadmium	mg/kg	0.18	40.8	41.1	100	75-125	
Calcium	mg/kg	99.0	408	533	106	75-125	
Chromium	mg/kg	4.6	40.8	47.5	105	75-125	
Cobalt	mg/kg	ND	40.8	38.2	94	75-125	
Copper	mg/kg	0.98	40.8	42.9	103	75-125	
Iron	mg/kg	2210	408	3210	243	75-125	M0
Lead	mg/kg	4.1	40.8	44.0	98	75-125	
Magnesium	mg/kg	55.6	408	447	96	75-125	
Manganese	mg/kg	1.4	40.8	38.7	91	75-125	
Nickel	mg/kg	0.51	40.8	40.7	98	75-125	
Potassium	mg/kg	ND	408	516	106	75-125	
Selenium	mg/kg	ND	40.8	28.8	69	75-125	M0
Silver	mg/kg	ND	20.4	20.7	101	75-125	
Sodium	mg/kg	ND	408	541	130	75-125	M0
Thallium	mg/kg	ND	40.8	36.8	89	75-125	
Vanadium	mg/kg	6.8	40.8	48.6	102	75-125	
Zinc	mg/kg	2.2	40.8	44.7	104	75-125	

SAMPLE DUPLICATE: 265690

Parameter	Units	9241716008 Result	Dup Result	RPD	Max RPD	Qualifiers
Aluminum	mg/kg	1900	1830	4	20	
Antimony	mg/kg	ND	ND		20	
Arsenic	mg/kg	1.1	0.64	54	20	R1
Barium	mg/kg	7.9	7.6	4	20	
Beryllium	mg/kg	0.18	0.18	3	20	
Cadmium	mg/kg	0.45	0.51	12	20	
Calcium	mg/kg	52.2	51.9	.6	20	
Chromium	mg/kg	5.3	5.5	4	20	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

SAMPLE DUPLICATE: 265690

Parameter	Units	9241716008 Result	Dup Result	RPD	Max RPD	Qualifiers
Cobalt	mg/kg	ND	.17J		20	
Copper	mg/kg	1.3	1.3	.6	20	
Iron	mg/kg	4320	4480	4	20	
Lead	mg/kg	4.8	4.7	1	20	
Magnesium	mg/kg	27.1	26.2	4	20	
Manganese	mg/kg	2.5	2.4	5	20	
Nickel	mg/kg	0.59	0.82	33	20	R1
Potassium	mg/kg	ND	27.8J		20	
Selenium	mg/kg	ND	ND		20	
Silver	mg/kg	ND	ND		20	
Sodium	mg/kg	ND	3.1J		20	
Thallium	mg/kg	ND	ND		20	
Vanadium	mg/kg	26.0	26.1	.1	20	
Zinc	mg/kg	1.9	1.5	27	20	R1

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

QC Batch: MERP/2072
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Associated Lab Samples: 9241716005

METHOD BLANK: 262771
Matrix: Solid
Associated Lab Samples: 9241716005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.0050	04/15/09 14:28	

LABORATORY CONTROL SAMPLE: 262772

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.067	0.073	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 262773 262774

Parameter	Units	308336001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.0044	.05	.043	0.060	0.015	111	24	75-125	120	20	M0,R1

SAMPLE DUPLICATE: 262775

Parameter	Units	308336002 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	mg/kg	0.024	0.032	29	20	R1

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

QC Batch: MSV/6652
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 9241716008

METHOD BLANK: 261147
Matrix: Solid
Associated Lab Samples: 9241716008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/09/09 11:49	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/09/09 11:49	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/09/09 11:49	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	04/09/09 11:49	
1,1-Dichloroethane	ug/kg	ND	5.0	04/09/09 11:49	
1,1-Dichloroethene	ug/kg	ND	5.0	04/09/09 11:49	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/09/09 11:49	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/09/09 11:49	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	04/09/09 11:49	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/09/09 11:49	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/09/09 11:49	
1,2-Dichloroethane	ug/kg	ND	5.0	04/09/09 11:49	
1,2-Dichloropropane	ug/kg	ND	5.0	04/09/09 11:49	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/09/09 11:49	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/09/09 11:49	
1,4-Dioxane (p-Dioxane)	ug/kg	ND	150	04/09/09 11:49	
2-Butanone (MEK)	ug/kg	ND	100	04/09/09 11:49	
2-Hexanone	ug/kg	ND	50.0	04/09/09 11:49	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	04/09/09 11:49	
Acetone	ug/kg	ND	100	04/09/09 11:49	
Benzene	ug/kg	ND	5.0	04/09/09 11:49	
Bromochloromethane	ug/kg	ND	5.0	04/09/09 11:49	
Bromodichloromethane	ug/kg	ND	5.0	04/09/09 11:49	
Bromoform	ug/kg	ND	5.0	04/09/09 11:49	
Bromomethane	ug/kg	ND	10.0	04/09/09 11:49	
Carbon disulfide	ug/kg	ND	10.0	04/09/09 11:49	
Carbon tetrachloride	ug/kg	ND	5.0	04/09/09 11:49	
Chlorobenzene	ug/kg	ND	5.0	04/09/09 11:49	
Chloroethane	ug/kg	ND	10.0	04/09/09 11:49	
Chloroform	ug/kg	ND	5.0	04/09/09 11:49	
Chloromethane	ug/kg	ND	10.0	04/09/09 11:49	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/09/09 11:49	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/09/09 11:49	
Cyclohexane	ug/kg	ND	5.0	04/09/09 11:49	
Dibromochloromethane	ug/kg	ND	5.0	04/09/09 11:49	
Dichlorodifluoromethane	ug/kg	ND	10.0	04/09/09 11:49	
Ethylbenzene	ug/kg	ND	5.0	04/09/09 11:49	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/09/09 11:49	
m&p-Xylene	ug/kg	ND	10.0	04/09/09 11:49	
Methyl acetate	ug/kg	ND	10.0	04/09/09 11:49	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/09/09 11:49	
Methylcyclohexane	ug/kg	ND	10.0	04/09/09 11:49	
Methylene Chloride	ug/kg	ND	20.0	04/09/09 11:49	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

METHOD BLANK: 261147 Matrix: Solid

Associated Lab Samples: 9241716008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
o-Xylene	ug/kg	ND	5.0	04/09/09 11:49	
Styrene	ug/kg	ND	5.0	04/09/09 11:49	
Tetrachloroethene	ug/kg	ND	5.0	04/09/09 11:49	
Toluene	ug/kg	ND	5.0	04/09/09 11:49	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/09/09 11:49	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/09/09 11:49	
Trichloroethene	ug/kg	ND	5.0	04/09/09 11:49	
Trichlorofluoromethane	ug/kg	ND	5.0	04/09/09 11:49	
Vinyl chloride	ug/kg	ND	10.0	04/09/09 11:49	
1,2-Dichloroethane-d4 (S)	%	122	69-121	04/09/09 11:49	S0
4-Bromofluorobenzene (S)	%	94	74-115	04/09/09 11:49	
Dibromofluoromethane (S)	%	116	79-116	04/09/09 11:49	
Toluene-d8 (S)	%	102	88-110	04/09/09 11:49	

LABORATORY CONTROL SAMPLE: 261148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	59.9	120	70-140	
1,1,2,2-Tetrachloroethane	ug/kg	50	54.8	110	74-133	
1,1,2-Trichloroethane	ug/kg	50	58.7	117	79-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	61.7	123	61-142	
1,1-Dichloroethane	ug/kg	50	61.8	124	72-139	
1,1-Dichloroethene	ug/kg	50	62.9	126	69-154	
1,2,3-Trichlorobenzene	ug/kg	50	55.7	111	71-150	
1,2,4-Trichlorobenzene	ug/kg	50	57.4	115	68-150	
1,2-Dibromo-3-chloropropane	ug/kg	50	57.3	115	65-146	
1,2-Dibromoethane (EDB)	ug/kg	50	60.2	120	77-136	
1,2-Dichlorobenzene	ug/kg	50	58.3	117	75-141	
1,2-Dichloroethane	ug/kg	50	60.3	121	74-134	
1,2-Dichloropropane	ug/kg	50	58.2	116	77-138	
1,3-Dichlorobenzene	ug/kg	50	57.8	116	76-133	
1,4-Dichlorobenzene	ug/kg	50	58.1	116	75-137	
1,4-Dioxane (p-Dioxane)	ug/kg	1000	1080	108	38-151	
2-Butanone (MEK)	ug/kg	100	122	122	61-138	
2-Hexanone	ug/kg	100	124	124	58-159	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	126	126	74-139	
Acetone	ug/kg	100	137	137	58-150	
Benzene	ug/kg	50	58.8	118	71-140	
Bromochloromethane	ug/kg	50	62.4	125	78-133	
Bromodichloromethane	ug/kg	50	57.6	115	78-133	
Bromoform	ug/kg	50	60.0	120	74-132	
Bromomethane	ug/kg	50	77.6	155	63-184	
Carbon disulfide	ug/kg	50	60.9	122	53-185	
Carbon tetrachloride	ug/kg	50	57.5	115	73-143	
Chlorobenzene	ug/kg	50	56.6	113	77-137	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 261148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/kg	50	63.7	127	68-146	
Chloroform	ug/kg	50	61.4	123	75-137	
Chloromethane	ug/kg	50	62.3	125	54-143	
cis-1,2-Dichloroethene	ug/kg	50	63.3	127	71-143	
cis-1,3-Dichloropropene	ug/kg	50	60.6	121	76-133	
Cyclohexane	ug/kg	50	63.1	126	70-130	
Dibromochloromethane	ug/kg	50	57.2	114	77-131	
Dichlorodifluoromethane	ug/kg	50	50.2	100	36-173	
Ethylbenzene	ug/kg	50	57.5	115	69-141	
Isopropylbenzene (Cumene)	ug/kg	50	57.4	115	77-143	
m&p-Xylene	ug/kg	100	115	115	72-138	
Methyl acetate	ug/kg	50	72.1	144	43-126	L0
Methyl-tert-butyl ether	ug/kg	50	62.4	125	2-138	
Methylcyclohexane	ug/kg	50	60.1	120	70-130	
Methylene Chloride	ug/kg	50	64.2	128	69-136	
o-Xylene	ug/kg	50	57.4	115	74-137	
Styrene	ug/kg	50	59.1	118	76-137	
Tetrachloroethene	ug/kg	50	56.6	113	72-136	
Toluene	ug/kg	50	56.6	113	69-139	
trans-1,2-Dichloroethene	ug/kg	50	58.5	117	72-144	
trans-1,3-Dichloropropene	ug/kg	50	62.2	124	73-135	
Trichloroethene	ug/kg	50	58.6	117	75-136	
Trichlorofluoromethane	ug/kg	50	63.6	127	69-144	
Vinyl chloride	ug/kg	50	67.0	134	61-145	
1,2-Dichloroethane-d4 (S)	%			105	69-121	
4-Bromofluorobenzene (S)	%			97	74-115	
Dibromofluoromethane (S)	%			105	79-116	
Toluene-d8 (S)	%			99	88-110	

MATRIX SPIKE SAMPLE: 262444

Parameter	Units	9241623002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	42.8	50.1	117	33-158	
Benzene	ug/kg	ND	42.8	52.2	122	46-143	
Chlorobenzene	ug/kg	ND	42.8	49.7	116	29-159	
Toluene	ug/kg	ND	42.8	50.1	117	38-145	
Trichloroethene	ug/kg	ND	42.8	50.5	118	70-130	
1,2-Dichloroethane-d4 (S)	%				101	69-121	
4-Bromofluorobenzene (S)	%				97	74-115	
Dibromofluoromethane (S)	%				99	79-116	
Toluene-d8 (S)	%				99	88-110	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

SAMPLE DUPLICATE: 262445

Parameter	Units	9241727011 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
1,4-Dioxane (p-Dioxane)	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	6.3J		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	34.5J		30	
Benzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon disulfide	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Cyclohexane	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	2.3J		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	
m&p-Xylene	ug/kg	14.0	15.1	8	30	
Methyl acetate	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylcyclohexane	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
o-Xylene	ug/kg	8.0	8.4	5	30	
Styrene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	4J		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

SAMPLE DUPLICATE: 262445

Parameter	Units	9241727011 Result	Dup Result	RPD	Max RPD	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	112	72	39		
4-Bromofluorobenzene (S)	%	92	82	8		
Dibromofluoromethane (S)	%	109	79	27		
Toluene-d8 (S)	%	102	97	1		

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

QC Batch: OEXT/6390
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 9241716008

METHOD BLANK: 261080
Matrix: Solid
Associated Lab Samples: 9241716008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/kg	ND	330	04/13/09 16:26	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	330	04/13/09 16:26	
2,3,4,6-Tetrachlorophenol	ug/kg	ND	330	04/13/09 16:26	
2,4,5-Trichlorophenol	ug/kg	ND	330	04/13/09 16:26	
2,4,6-Trichlorophenol	ug/kg	ND	330	04/13/09 16:26	
2,4-Dichlorophenol	ug/kg	ND	330	04/13/09 16:26	
2,4-Dimethylphenol	ug/kg	ND	330	04/13/09 16:26	
2,4-Dinitrophenol	ug/kg	ND	1650	04/13/09 16:26	
2,4-Dinitrotoluene	ug/kg	ND	330	04/13/09 16:26	
2,6-Dinitrotoluene	ug/kg	ND	330	04/13/09 16:26	
2-Chloronaphthalene	ug/kg	ND	330	04/13/09 16:26	
2-Chlorophenol	ug/kg	ND	330	04/13/09 16:26	
2-Methylnaphthalene	ug/kg	ND	330	04/13/09 16:26	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	04/13/09 16:26	
2-Nitroaniline	ug/kg	ND	1650	04/13/09 16:26	
2-Nitrophenol	ug/kg	ND	330	04/13/09 16:26	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	04/13/09 16:26	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	04/13/09 16:26	
3-Nitroaniline	ug/kg	ND	1650	04/13/09 16:26	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	04/13/09 16:26	
4-Bromophenylphenyl ether	ug/kg	ND	330	04/13/09 16:26	
4-Chloro-3-methylphenol	ug/kg	ND	660	04/13/09 16:26	
4-Chloroaniline	ug/kg	ND	1650	04/13/09 16:26	
4-Chlorophenylphenyl ether	ug/kg	ND	330	04/13/09 16:26	
4-Nitroaniline	ug/kg	ND	660	04/13/09 16:26	
4-Nitrophenol	ug/kg	ND	1650	04/13/09 16:26	
Acenaphthene	ug/kg	ND	330	04/13/09 16:26	
Acenaphthylene	ug/kg	ND	330	04/13/09 16:26	
Acetophenone	ug/kg	ND	330	04/13/09 16:26	
Anthracene	ug/kg	ND	330	04/13/09 16:26	
Atrazine	ug/kg	ND	660	04/13/09 16:26	
Benzaldehyde	ug/kg	ND	660	04/13/09 16:26	
Benzo(a)anthracene	ug/kg	ND	330	04/13/09 16:26	
Benzo(a)pyrene	ug/kg	ND	330	04/13/09 16:26	
Benzo(b)fluoranthene	ug/kg	ND	330	04/13/09 16:26	
Benzo(g,h,i)perylene	ug/kg	ND	330	04/13/09 16:26	
Benzo(k)fluoranthene	ug/kg	ND	330	04/13/09 16:26	
Biphenyl (Diphenyl)	ug/kg	ND	330	04/13/09 16:26	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	04/13/09 16:26	
bis(2-Chloroethyl) ether	ug/kg	ND	330	04/13/09 16:26	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	04/13/09 16:26	
Butylbenzylphthalate	ug/kg	ND	330	04/13/09 16:26	
Caprolactam	ug/kg	ND	330	04/13/09 16:26	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

METHOD BLANK: 261080 Matrix: Solid

Associated Lab Samples: 9241716008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbazole	ug/kg	ND	330	04/13/09 16:26	
Chrysene	ug/kg	ND	330	04/13/09 16:26	
Di-n-butylphthalate	ug/kg	ND	330	04/13/09 16:26	
Di-n-octylphthalate	ug/kg	ND	330	04/13/09 16:26	
Dibenz(a,h)anthracene	ug/kg	ND	330	04/13/09 16:26	
Dibenzofuran	ug/kg	ND	330	04/13/09 16:26	
Diethylphthalate	ug/kg	ND	330	04/13/09 16:26	
Dimethylphthalate	ug/kg	ND	330	04/13/09 16:26	
Fluoranthene	ug/kg	ND	330	04/13/09 16:26	
Fluorene	ug/kg	ND	330	04/13/09 16:26	
Hexachloro-1,3-butadiene	ug/kg	ND	330	04/13/09 16:26	
Hexachlorobenzene	ug/kg	ND	330	04/13/09 16:26	
Hexachlorocyclopentadiene	ug/kg	ND	330	04/13/09 16:26	
Hexachloroethane	ug/kg	ND	330	04/13/09 16:26	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	04/13/09 16:26	
Isophorone	ug/kg	ND	330	04/13/09 16:26	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	04/13/09 16:26	
N-Nitrosodiphenylamine	ug/kg	ND	330	04/13/09 16:26	
Naphthalene	ug/kg	ND	330	04/13/09 16:26	
Nitrobenzene	ug/kg	ND	330	04/13/09 16:26	
Pentachlorophenol	ug/kg	ND	1650	04/13/09 16:26	
Phenanthrene	ug/kg	ND	330	04/13/09 16:26	
Phenol	ug/kg	ND	330	04/13/09 16:26	
Pyrene	ug/kg	ND	330	04/13/09 16:26	
2,4,6-Tribromophenol (S)	%	95	44-136	04/13/09 16:26	
2-Fluorobiphenyl (S)	%	83	46-120	04/13/09 16:26	
2-Fluorophenol (S)	%	99	24-120	04/13/09 16:26	
Nitrobenzene-d5 (S)	%	91	30-150	04/13/09 16:26	
Phenol-d6 (S)	%	71	35-120	04/13/09 16:26	
Terphenyl-d14 (S)	%	102	38-108	04/13/09 16:26	

LABORATORY CONTROL SAMPLE: 261081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1660	100	50-150	
2,3,4,6-Tetrachlorophenol	ug/kg	1670	1220	73	50-150	
2,4,5-Trichlorophenol	ug/kg	1670	1580	95	50-150	
2,4,6-Trichlorophenol	ug/kg	1670	1420	85	50-150	
2,4-Dichlorophenol	ug/kg	1670	1620	97	50-150	
2,4-Dimethylphenol	ug/kg	1670	1460	87	50-150	
2,4-Dinitrophenol	ug/kg	1670	1450J	87	20-111	
2,4-Dinitrotoluene	ug/kg	1670	1670	100	50-150	
2,6-Dinitrotoluene	ug/kg	1670	1600	96	50-150	
2-Chloronaphthalene	ug/kg	1670	1600	96	50-150	
2-Chlorophenol	ug/kg	1670	1680	101	50-150	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 261081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	1670	1430	86	50-150	
2-Methylphenol(o-Cresol)	ug/kg	1670	1410	84	50-150	
2-Nitroaniline	ug/kg	1670	1500J	90	50-150	
2-Nitrophenol	ug/kg	1670	1520	91	50-150	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1590	95	50-150	
3,3'-Dichlorobenzidine	ug/kg	1670	1480J	89	50-150	
3-Nitroaniline	ug/kg	1670	1380J	83	50-150	
4,6-Dinitro-2-methylphenol	ug/kg	1670	1470	88	15-136	
4-Bromophenylphenyl ether	ug/kg	1670	1520	91	50-150	
4-Chloro-3-methylphenol	ug/kg	1670	1600	96	50-150	
4-Chloroaniline	ug/kg	1670	1440J	86	50-150	
4-Chlorophenylphenyl ether	ug/kg	1670	1540	92	50-150	
4-Nitroaniline	ug/kg	1670	1250	75	50-150	
4-Nitrophenol	ug/kg	1670	1280J	77	33-105	
Acenaphthene	ug/kg	1670	1600	96	50-150	
Acenaphthylene	ug/kg	1670	1640	98	50-150	
Acetophenone	ug/kg	3330	2730	82	50-150	
Anthracene	ug/kg	1670	1440	87	50-150	
Atrazine	ug/kg	1670	1630	98	50-150	
Benzaldehyde	ug/kg	1670	1640	98	50-150	
Benzo(a)anthracene	ug/kg	1670	1720	103	50-150	
Benzo(a)pyrene	ug/kg	1670	1670	100	50-150	
Benzo(b)fluoranthene	ug/kg	1670	1680	101	50-150	
Benzo(g,h,i)perylene	ug/kg	1670	1100	66	24-117	
Benzo(k)fluoranthene	ug/kg	1670	1410	84	50-150	
Biphenyl (Diphenyl)	ug/kg	1670	1560	94	50-150	
bis(2-Chloroethoxy)methane	ug/kg	1670	1690	101	50-150	
bis(2-Chloroethyl) ether	ug/kg	1670	1610	96	50-150	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1680	101	50-150	
Butylbenzylphthalate	ug/kg	1670	1650	99	50-150	
Caprolactam	ug/kg	1670	1060	64	50-150	
Carbazole	ug/kg	1670	1640	99	50-150	
Chrysene	ug/kg	1670	1620	97	50-150	
Di-n-butylphthalate	ug/kg	1670	1620	97	50-150	
Di-n-octylphthalate	ug/kg	1670	1700	102	50-150	
Dibenz(a,h)anthracene	ug/kg	1670	1230	74	17-128	
Dibenzofuran	ug/kg	1670	1690	101	50-150	
Diethylphthalate	ug/kg	1670	1700	102	50-150	
Dimethylphthalate	ug/kg	1670	1620	97	50-150	
Fluoranthene	ug/kg	1670	1620	97	50-150	
Fluorene	ug/kg	1670	1700	102	50-150	
Hexachloro-1,3-butadiene	ug/kg	1670	1460	88	50-150	
Hexachlorobenzene	ug/kg	1670	1540	92	50-150	
Hexachlorocyclopentadiene	ug/kg	1670	1390	84	15-114	
Hexachloroethane	ug/kg	1670	1440	87	50-150	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1240	74	19-128	
Isophorone	ug/kg	1670	1630	98	50-150	
N-Nitroso-di-n-propylamine	ug/kg	1670	1630	98	50-150	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 261081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/kg	1670	1480	89	50-150	
Naphthalene	ug/kg	1670	1460	87	50-150	
Nitrobenzene	ug/kg	1670	1360	81	50-150	
Pentachlorophenol	ug/kg	1670	1410J	85	15-130	
Phenanthrene	ug/kg	1670	1470	88	50-150	
Phenol	ug/kg	1670	1550	93	42-120	
Pyrene	ug/kg	1670	1630	98	50-150	
2,4,6-Tribromophenol (S)	%			94	44-136	
2-Fluorobiphenyl (S)	%			91	46-120	
2-Fluorophenol (S)	%			94	24-120	
Nitrobenzene-d5 (S)	%			88	30-150	
Phenol-d6 (S)	%			84	35-120	
Terphenyl-d14 (S)	%			99	38-108	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 261082 261083

Parameter	Units	9241724008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Methylnaphthalene	ug/kg	ND	1900	1900	1790	1780	95	94	50-150	.5	30	
Acenaphthene	ug/kg	ND	1900	1900	1480	1510	78	80	50-150	2	30	
Acenaphthylene	ug/kg	ND	1900	1900	1520	1530	80	81	50-150	.7	30	
Anthracene	ug/kg	ND	1900	1900	1280	1240	68	65	50-150	3	30	
Benzo(a)anthracene	ug/kg	ND	1900	1900	1330	1400	70	74	50-150	5	30	
Benzo(a)pyrene	ug/kg	ND	1900	1900	1460	1500	77	79	50-150	3	30	
Benzo(b)fluoranthene	ug/kg	ND	1900	1900	1300	1370	68	72	50-150	6	30	
Benzo(g,h,i)perylene	ug/kg	ND	1900	1900	1140	1030	60	55	50-150	9	30	
Benzo(k)fluoranthene	ug/kg	ND	1900	1900	1770	1700	93	89	50-150	4	30	
Biphenyl (Diphenyl)	ug/kg	ND	1900	1900	1460	1450	77	77	50-150	.2	30	
Carbazole	ug/kg	ND	1900	1900	1460	1560	77	83	50-150	7	30	
Chrysene	ug/kg	ND	1900	1900	1350	1360	71	72	50-150	.4	30	
Dibenz(a,h)anthracene	ug/kg	ND	1900	1900	1270	1210	67	64	50-150	4	30	
Fluoranthene	ug/kg	ND	1900	1900	1360	1340	72	71	50-150	1	30	
Fluorene	ug/kg	ND	1900	1900	1490	1490	78	79	50-150	.3	30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1900	1900	1190	1170	63	62	50-150	2	30	
Naphthalene	ug/kg	ND	1900	1900	1460	1440	77	76	50-150	2	30	
Phenanthrene	ug/kg	ND	1900	1900	1550	1570	82	83	50-150	1	30	
Pyrene	ug/kg	ND	1900	1900	1620	1600	86	84	50-150	1	30	
2-Fluorobiphenyl (S)	%						71	71	46-120			
Nitrobenzene-d5 (S)	%						77	77	30-150			
Terphenyl-d14 (S)	%						75	74	38-108			

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(704)875-9092

QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

QC Batch: OEXT/6403
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 Water MSSV
Associated Lab Samples: 9241716003, 9241716004

METHOD BLANK: 261860
Matrix: Water
Associated Lab Samples: 9241716003, 9241716004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	ND	10.0	04/13/09 17:09	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	04/13/09 17:09	
2,3,4,6-Tetrachlorophenol	ug/L	ND	10.0	04/13/09 17:09	
2,4,5-Trichlorophenol	ug/L	ND	10.0	04/13/09 17:09	
2,4,6-Trichlorophenol	ug/L	ND	10.0	04/13/09 17:09	
2,4-Dichlorophenol	ug/L	ND	10.0	04/13/09 17:09	
2,4-Dimethylphenol	ug/L	ND	10.0	04/13/09 17:09	
2,4-Dinitrophenol	ug/L	ND	50.0	04/13/09 17:09	
2,4-Dinitrotoluene	ug/L	ND	10.0	04/13/09 17:09	
2,6-Dinitrotoluene	ug/L	ND	10.0	04/13/09 17:09	
2-Chloronaphthalene	ug/L	ND	10.0	04/13/09 17:09	
2-Chlorophenol	ug/L	ND	10.0	04/13/09 17:09	
2-Methylnaphthalene	ug/L	ND	10.0	04/13/09 17:09	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	04/13/09 17:09	
2-Nitroaniline	ug/L	ND	50.0	04/13/09 17:09	
2-Nitrophenol	ug/L	ND	10.0	04/13/09 17:09	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	04/13/09 17:09	
3,3'-Dichlorobenzidine	ug/L	ND	50.0	04/13/09 17:09	
3-Nitroaniline	ug/L	ND	50.0	04/13/09 17:09	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	04/13/09 17:09	
4-Bromophenylphenyl ether	ug/L	ND	10.0	04/13/09 17:09	
4-Chloro-3-methylphenol	ug/L	ND	20.0	04/13/09 17:09	
4-Chloroaniline	ug/L	ND	50.0	04/13/09 17:09	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	04/13/09 17:09	
4-Nitroaniline	ug/L	ND	50.0	04/13/09 17:09	
4-Nitrophenol	ug/L	ND	50.0	04/13/09 17:09	
Acenaphthene	ug/L	ND	10.0	04/13/09 17:09	
Acenaphthylene	ug/L	ND	10.0	04/13/09 17:09	
Acetophenone	ug/L	ND	10.0	04/13/09 17:09	
Anthracene	ug/L	ND	10.0	04/13/09 17:09	
Atrazine	ug/L	ND	20.0	04/13/09 17:09	
Benzaldehyde	ug/L	ND	20.0	04/13/09 17:09	
Benzo(a)anthracene	ug/L	ND	10.0	04/13/09 17:09	
Benzo(a)pyrene	ug/L	ND	10.0	04/13/09 17:09	
Benzo(b)fluoranthene	ug/L	ND	10.0	04/13/09 17:09	
Benzo(g,h,i)perylene	ug/L	ND	10.0	04/13/09 17:09	
Benzo(k)fluoranthene	ug/L	ND	10.0	04/13/09 17:09	
Biphenyl (Diphenyl)	ug/L	ND	10.0	04/13/09 17:09	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	04/13/09 17:09	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	04/13/09 17:09	
bis(2-Ethylhexyl)phthalate	ug/L	ND	10.0	04/13/09 17:09	
Butylbenzylphthalate	ug/L	ND	10.0	04/13/09 17:09	
Caprolactam	ug/L	ND	10.0	04/13/09 17:09	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

METHOD BLANK: 261860 Matrix: Water

Associated Lab Samples: 9241716003, 9241716004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbazole	ug/L	ND	10.0	04/13/09 17:09	
Chrysene	ug/L	ND	10.0	04/13/09 17:09	
Di-n-butylphthalate	ug/L	ND	10.0	04/13/09 17:09	
Di-n-octylphthalate	ug/L	ND	10.0	04/13/09 17:09	
Dibenz(a,h)anthracene	ug/L	ND	10.0	04/13/09 17:09	
Dibenzofuran	ug/L	ND	10.0	04/13/09 17:09	
Diethylphthalate	ug/L	ND	10.0	04/13/09 17:09	
Dimethylphthalate	ug/L	ND	10.0	04/13/09 17:09	
Fluoranthene	ug/L	ND	10.0	04/13/09 17:09	
Fluorene	ug/L	ND	10.0	04/13/09 17:09	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	04/13/09 17:09	
Hexachlorobenzene	ug/L	ND	10.0	04/13/09 17:09	
Hexachlorocyclopentadiene	ug/L	ND	10.0	04/13/09 17:09	
Hexachloroethane	ug/L	ND	10.0	04/13/09 17:09	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	04/13/09 17:09	
Isophorone	ug/L	ND	10.0	04/13/09 17:09	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	04/13/09 17:09	
N-Nitrosodiphenylamine	ug/L	ND	10.0	04/13/09 17:09	
Naphthalene	ug/L	ND	10.0	04/13/09 17:09	
Nitrobenzene	ug/L	ND	10.0	04/13/09 17:09	
Pentachlorophenol	ug/L	ND	50.0	04/13/09 17:09	
Phenanthrene	ug/L	ND	10.0	04/13/09 17:09	
Phenol	ug/L	ND	10.0	04/13/09 17:09	
Pyrene	ug/L	ND	10.0	04/13/09 17:09	
2,4,6-Tribromophenol (S)	%	96	25-150	04/13/09 17:09	
2-Fluorobiphenyl (S)	%	80	30-150	04/13/09 17:09	
2-Fluorophenol (S)	%	66	25-150	04/13/09 17:09	
Nitrobenzene-d5 (S)	%	91	30-150	04/13/09 17:09	
Phenol-d6 (S)	%	30	25-150	04/13/09 17:09	
Terphenyl-d14 (S)	%	99	30-150	04/13/09 17:09	

LABORATORY CONTROL SAMPLE: 261861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-Trichlorophenol	ug/L	50	42.5	85	23-113	
2,4,6-Trichlorophenol	ug/L	50	46.4	93	21-113	
2,4-Dichlorophenol	ug/L	50	47.3	95	12-127	
2,4-Dimethylphenol	ug/L	50	35.4	71	24-120	
2,4-Dinitrophenol	ug/L	50	49.8J	100	10-127	
2,4-Dinitrotoluene	ug/L	50	40.6	81	36-115	
2,6-Dinitrotoluene	ug/L	50	46.2	92	37-114	
2-Chloronaphthalene	ug/L	50	45.3	91	36-101	
2-Chlorophenol	ug/L	50	47.6	95	24-120	
2-Methylnaphthalene	ug/L	50	50.4	101	19-120	
2-Methylphenol(o-Cresol)	ug/L	50	42.0	84	25-120	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 261861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	50	32.2J	64	30-109	
2-Nitrophenol	ug/L	50	44.1	88	24-120	
3&4-Methylphenol(m&p Cresol)	ug/L	50	37.0	74	24-120	
3,3'-Dichlorobenzidine	ug/L	50	ND	4	14-120	L0
3-Nitroaniline	ug/L	50	26.9J	54	23-133	
4,6-Dinitro-2-methylphenol	ug/L	50	42.9	86	10-128	
4-Bromophenylphenyl ether	ug/L	50	45.0	90	35-113	
4-Chloro-3-methylphenol	ug/L	50	45.1	90	32-107	
4-Chloroaniline	ug/L	50	26.6J	53	12-150	
4-Chlorophenylphenyl ether	ug/L	50	44.8	90	36-110	
4-Nitroaniline	ug/L	50	28.5J	57	12-150	
4-Nitrophenol	ug/L	50	14J	28	10-120	
Acenaphthene	ug/L	50	45.2	90	27-102	
Acenaphthylene	ug/L	50	41.6	83	25-105	
Acetophenone	ug/L	100	86.6	87	26-120	
Anthracene	ug/L	50	40.6	81	30-113	
Atrazine	ug/L	50	94.5	189	50-150	L0
Benzo(a)anthracene	ug/L	50	49.4	99	27-113	
Benzo(a)pyrene	ug/L	50	43.7	87	27-119	
Benzo(b)fluoranthene	ug/L	50	45.4	91	22-114	
Benzo(g,h,i)perylene	ug/L	50	32.4	65	10-129	
Benzo(k)fluoranthene	ug/L	50	47.3	95	24-111	
Biphenyl (Diphenyl)	ug/L	50	33.8	68	50-150	
bis(2-Chloroethoxy)methane	ug/L	50	50.5	101	32-120	
bis(2-Chloroethyl) ether	ug/L	50	47.4	95	29-120	
bis(2-Ethylhexyl)phthalate	ug/L	50	44.3	89	29-125	
Butylbenzylphthalate	ug/L	50	50.0	100	33-120	
Caprolactam	ug/L	50	ND	17	50-150	L0
Carbazole	ug/L	50	47.7	95	50-150	
Chrysene	ug/L	50	49.5	99	23-112	
Di-n-butylphthalate	ug/L	50	47.4	95	38-116	
Di-n-octylphthalate	ug/L	50	44.0	88	32-122	
Dibenz(a,h)anthracene	ug/L	50	37.5	75	10-129	
Dibenzofuran	ug/L	50	49.6	99	37-107	
Diethylphthalate	ug/L	50	48.8	98	40-111	
Dimethylphthalate	ug/L	50	49.0	98	39-108	
Fluoranthene	ug/L	50	48.1	96	27-112	
Fluorene	ug/L	50	48.4	97	29-107	
Hexachloro-1,3-butadiene	ug/L	50	35.6	71	10-113	
Hexachlorobenzene	ug/L	50	41.8	84	29-119	
Hexachlorocyclopentadiene	ug/L	50	49.8	100	10-113	
Hexachloroethane	ug/L	50	37.8	76	10-120	
Indeno(1,2,3-cd)pyrene	ug/L	50	37.6	75	14-123	
Isophorone	ug/L	50	47.9	96	23-150	
N-Nitroso-di-n-propylamine	ug/L	50	51.6	103	31-104	
N-Nitrosodiphenylamine	ug/L	50	27.0	54	27-139	
Naphthalene	ug/L	50	40.1	80	17-120	
Nitrobenzene	ug/L	50	48.6	97	27-120	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 261861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/L	50	37.3J	75	10-135	
Phenanthrene	ug/L	50	44.1	88	28-111	
Phenol	ug/L	50	20.3	41	10-120	
Pyrene	ug/L	50	49.3	99	27-113	
2,4,6-Tribromophenol (S)	%			98	25-150	
2-Fluorobiphenyl (S)	%			68	30-150	
2-Fluorophenol (S)	%			54	25-150	
Nitrobenzene-d5 (S)	%			87	30-150	
Phenol-d6 (S)	%			38	25-150	
Terphenyl-d14 (S)	%			100	30-150	

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QUALIFIERS

Project: EATON SELMA 6010
Pace Project No.: 9241716

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

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

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

LABORATORIES

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

ANALYTE QUALIFIERS

1g	Acid surrogate recovery is outside of control limits. The data was accepted based on valid recovery of the two remaining acid surrogates.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery was outside laboratory control limits.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.

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Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Solutions-IES
Lab Smp Id: 9241716003
Operator : AW
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA
Inj Date: 18-APR-2009 01:42

Client SDG: 9241716
Client Smp ID: MW-2
Sample Date: 07-APR-2009
Sample Point:
Date Received:08-APR-2009 00:00
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Solutions-IES
Lab Smp Id: 9241716004
Operator : AW
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA
Inj Date: 18-APR-2009 02:05

Client SDG: 9241716
Client Smp ID: MW-12
Sample Date: 07-APR-2009
Sample Point:
Date Received:08-APR-2009 00:00
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Solutions-IES
Lab Smp Id: 9241716008
Operator : DLK
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA
Inj Date: 09-APR-2009 20:24

Client SDG: 9241716
Client Smp ID: SB-7A
Sample Date: 07-APR-2009
Sample Point:
Date Received:08-APR-2009 00:00
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Solutions-IES
Lab Smp Id: 9241716003
Operator : BET
Sample Location:
Sample Matrix: WATER
Analysis Type: SV
Inj Date: 14-APR-2009 20:51

Client SDG: 9241716
Client Smp ID: MW-2
Sample Date: 07-APR-2009
Sample Point:
Date Received:08-APR-2009 00:00
Level: LOW

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 79-01-6	Trichloroethylene	1.990	38.8	98NJ_
2. 127-18-4	Tetrachloroethylene	3.108	399	99NJ_
3.	Unknown	4.545	12.5	_J__

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Solutions-IES
Lab Smp Id: 9241716004
Operator : BET
Sample Location:
Sample Matrix: WATER
Analysis Type: SV
Inj Date: 14-APR-2009 21:17

Client SDG: 9241716
Client Smp ID: MW-12
Sample Date: 07-APR-2009
Sample Point:
Date Received:08-APR-2009 00:00
Level: LOW

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 79-01-6	Trichloroethylene	2.016	26.2	98NJ_
2. 127-18-4	Tetrachloroethylene	3.112	279	99NJ_

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Solutions-IES
Lab Smp Id: 9241716008
Operator : BET
Sample Location:
Sample Matrix: SOIL
Analysis Type: SV
Inj Date: 14-APR-2009 00:14

Client SDG: 9241716
Client Smp ID: SB-7A
Sample Date: 07-APR-2009
Sample Point:
Date Received:08-APR-2009 00:00
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

1305533

Section A Required Client Information:

Company: SOLUTIONS-IES
Address: 1101 NOWELL RD
RALEIGH NC
Email To: WBeckwitL@solutions-ies.com
Phone: 919 873-1060 Fax:
Requested Due Date/TAT: STANDARD

Section B Required Project Information:

Report To: WALT BECKWITH
Copy To:
Purchase Order No.: 6010
Project Name: EATON SELMA
Project Number: 6010.

Section C Invoice Information:

Attention: MARY HOWARD
Company Name: SOLUTIONS-IES
Address: 1101 NOWELL RD
Pace Quote Reference:
Pace Project Manager: KELLY DILLON
Pace Profile #: 1911-12, 11

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☑ RCRA ☐ OTHER

Site Location STATE: SELMA NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N): No Filtering

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	TAL METALS	8260B	8260B+TICS	8270C	8270C+TICS	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 9241716
1	TRIP BLANK 1	A	--	4/7/09	—				1											*					001
2	BG-1	S	G			4/7/09	12:06		1	*									*						005
3	BG-2	S					12:31		1	*									*						006
4	BG-3	S					13:07		1	*									*						007
5	RINSE BLANK 1	A					14:10		1			1							*						002
6	SB-7A	S					14:55		6	3					2	1			*		*		*		008
7	MW-2	A					16:03		6	2		1	3						*		*		*		003
8	MW-12	A					16:33		6	2		1	3						*		*		*		004
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
8260B plus TICS	Walt Beckwith	4/8	931	[signature] Pace	4/8/09	931
8270C, including 1-4 dioxane and TICS.	[signature] Pace	4/8/09	1438	J Moore / Pace	4/8	1438

SAMPLE CONDITIONS: Temp in °C 1.6; Received on Ice (Y/N) Y; Custody Sealed Cooler (Y/N) N; Samples Intact (Y/N) Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Walter Beckwith
SIGNATURE of SAMPLER: Walt Beckwith
DATE Signed (MM/DD/YY): 04/08/09

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

Pace Analytical

Sample Condition Upon Receipt

Client Name: Solutions Project # 9241716

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: N/A
Proj. Name: N/A

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

Thermometer Used T060 Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 1.6 Biological Tissue is Frozen: Yes No N/A

Date and Initials of person examining contents: MM 4/8

Temp should be above freezing to 6°C

		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:_____		
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): N/A		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: BKM Date: 4/8/09

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

I2. FIELD EVENT #2 LABORATORY DATA

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

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

November 16, 2009

Mr. Walt Beckwith
Solutions-IES
1101 Nowell Rd
Raleigh, NC 27607

RE: Project: EATON SELMA 6010
Pace Project No.: 9256399

Dear Mr. Beckwith:
Enclosed are the analytical results for sample(s) received by the laboratory on October 29, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

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

Sincerely,

Bonnie McKee

Bonnie McKee

bonnie.mckee@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Charlotte Certification IDs

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

Asheville Certification IDs

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

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SAMPLE SUMMARY

Project: EATON SELMA 6010
Pace Project No.: 9256399

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9256399001	**HA-29-DUP**	Solid	10/27/09 12:45	10/29/09 15:20
9256399002	**SED-1**	Solid	10/27/09 13:40	10/29/09 15:20
9256399003	**IDW-S**	Solid	10/27/09 15:10	10/29/09 15:20
9256399004	**GP-19-4-6**	Solid	10/26/09 11:15	10/29/09 15:20
9256399005	**GP-20-4-6**	Solid	10/26/09 00:00	10/29/09 15:20
9256399006	**HA-21-4-6**	Solid	10/26/09 12:47	10/29/09 15:20
9256399007	**GP-22-6-8**	Solid	10/26/09 13:15	10/29/09 15:20
9256399008	**GP-23-4-6**	Solid	10/26/09 14:05	10/29/09 15:20
9256399009	**GP-24-4-6**	Solid	10/26/09 14:38	10/29/09 15:20
9256399010	**GP-25-4-6**	Solid	10/26/09 15:05	10/29/09 15:20
9256399011	**GP-26-6-7**	Solid	10/27/09 09:26	10/29/09 15:20
9256399012	**GP-27-6-7**	Solid	10/27/09 10:00	10/29/09 15:20
9256399013	**HA-28-6-8**	Solid	10/27/09 11:22	10/29/09 15:20
9256399014	**HA-29-8-10**	Solid	10/27/09 12:33	10/29/09 15:20
9256399015	**DUP-1**	Water	10/27/09 13:28	10/29/09 15:20
9256399016	**SW-1**	Water	10/27/09 13:37	10/29/09 15:20
9256399017	**TMW-29**	Water	10/27/09 14:00	10/29/09 15:20
9256399018	**TMW-27**	Water	10/27/09 14:32	10/29/09 15:20
9256399019	**RB-1**	Water	10/27/09 15:00	10/29/09 15:20
9256399020	**TRIP BLANK**	Water	10/27/09 00:00	10/29/09 15:20
9256399021	**FB-1**	Water	10/27/09 15:25	10/29/09 15:20
9256399022	**TMW-19**	Water	10/28/09 09:00	10/29/09 15:20
9256399023	**TMW-20**	Water	10/28/09 09:25	10/29/09 15:20
9256399024	**TMW-28**	Water	10/28/09 13:20	10/29/09 15:20
9256399025	**TMW-21**	Water	10/28/09 09:45	10/29/09 15:20
9256399026	**TMW-22**	Water	10/28/09 10:10	10/29/09 15:20
9256399027	**TMW-23**	Water	10/28/09 10:30	10/29/09 15:20
9256399028	**TMW-24**	Water	10/28/09 10:55	10/29/09 15:20
9256399029	**TMW-25**	Water	10/28/09 11:25	10/29/09 15:20
9256399030	**TMW-26**	Water	10/28/09 12:00	10/29/09 15:20
9256399031	**IDW-GW**	Water	10/28/09 12:05	10/29/09 15:20

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SAMPLE ANALYTE COUNT

Project: EATON SELMA 6010
Pace Project No.: 9256399

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9256399001	**HA-29-DUP**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	56	PASI-C
9256399002	**SED-1**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	56	PASI-C
9256399003	**IDW-S**	EPA 6010	JMW	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	DLK	15	PASI-C
9256399004	**GP-19-4-6**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	56	PASI-C
9256399005	**GP-20-4-6**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	56	PASI-C
9256399006	**HA-21-4-6**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	56	PASI-C
9256399007	**GP-22-6-8**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	56	PASI-C
9256399008	**GP-23-4-6**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	56	PASI-C
9256399009	**GP-24-4-6**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	56	PASI-C
9256399010	**GP-25-4-6**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	56	PASI-C
9256399011	**GP-26-6-7**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	56	PASI-C
9256399012	**GP-27-6-7**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	56	PASI-C
9256399013	**HA-28-6-8**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	56	PASI-C
9256399014	**HA-29-8-10**	ASTM D2974-87	KDF	1	PASI-C
		EPA 8260	DLK	56	PASI-C
9256399015	**DUP-1**	EPA 8260	MCK	56	PASI-C
9256399016	**SW-1**	EPA 8260	MCK	56	PASI-C
9256399017	**TMW-29**	EPA 8260	MCK	56	PASI-C
9256399018	**TMW-27**	EPA 8260	MCK	56	PASI-C
9256399019	**RB-1**	EPA 8260	MCK	56	PASI-C
9256399020	**TRIP BLANK**	EPA 8260	MCK	56	PASI-C
9256399021	**FB-1**	EPA 8260	MCK	56	PASI-C
9256399022	**TMW-19**	EPA 8260	MCK	56	PASI-C

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SAMPLE ANALYTE COUNT

Project: EATON SELMA 6010
Pace Project No.: 9256399

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9256399023	**TMW-20**	EPA 8260	MCK	56	PASI-C
9256399024	**TMW-28**	EPA 8260	MCK	56	PASI-C
9256399025	**TMW-21**	EPA 8260	MCK	56	PASI-C
9256399026	**TMW-22**	EPA 8260	MCK	56	PASI-C
9256399027	**TMW-23**	EPA 8260	MCK	56	PASI-C
9256399028	**TMW-24**	EPA 8260	MCK	56	PASI-C
9256399029	**TMW-25**	EPA 8260	MCK	56	PASI-C
9256399030	**TMW-26**	EPA 8260	MCK	56	PASI-C
9256399031	**IDW-GW**	EPA 6010	JMW	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	KJM	15	PASI-C

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: HA-29-DUP **Lab ID: 9256399001** Collected: 10/27/09 12:45 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	96.2	9.6	1		11/06/09 07:41	67-64-1	
Benzene	ND	ug/kg	4.8	1.5	1		11/06/09 07:41	71-43-2	
Bromochloromethane	ND	ug/kg	4.8	1.6	1		11/06/09 07:41	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1.8	1		11/06/09 07:41	75-27-4	
Bromoform	ND	ug/kg	4.8	2.2	1		11/06/09 07:41	75-25-2	
Bromomethane	ND	ug/kg	9.6	2.4	1		11/06/09 07:41	74-83-9	
2-Butanone (MEK)	ND	ug/kg	96.2	2.8	1		11/06/09 07:41	78-93-3	
Carbon disulfide	ND	ug/kg	9.6	2.9	1		11/06/09 07:41	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	2.5	1		11/06/09 07:41	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1.8	1		11/06/09 07:41	108-90-7	
Chloroethane	ND	ug/kg	9.6	2.3	1		11/06/09 07:41	75-00-3	
Chloroform	ND	ug/kg	4.8	1.5	1		11/06/09 07:41	67-66-3	
Chloromethane	ND	ug/kg	9.6	2.3	1		11/06/09 07:41	74-87-3	
Cyclohexane	ND	ug/kg	4.8	1.5	1		11/06/09 07:41	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	3.5	1		11/06/09 07:41	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1.7	1		11/06/09 07:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1.7	1		11/06/09 07:41	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1.8	1		11/06/09 07:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1.9	1		11/06/09 07:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1.6	1		11/06/09 07:41	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.6	3.5	1		11/06/09 07:41	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1.4	1		11/06/09 07:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	2.1	1		11/06/09 07:41	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1.7	1		11/06/09 07:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1.3	1		11/06/09 07:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1.8	1		11/06/09 07:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1.6	1		11/06/09 07:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1.7	1		11/06/09 07:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1.4	1		11/06/09 07:41	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	144	115	1		11/06/09 07:41	123-91-1	
Ethylbenzene	ND	ug/kg	4.8	1.7	1		11/06/09 07:41	100-41-4	
2-Hexanone	ND	ug/kg	48.1	3.8	1		11/06/09 07:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1.8	1		11/06/09 07:41	98-82-8	
Methyl acetate	ND	ug/kg	9.6	1.3	1		11/06/09 07:41	79-20-9	
Methylcyclohexane	ND	ug/kg	9.6	1.4	1		11/06/09 07:41	108-87-2	
Methylene Chloride	ND	ug/kg	19.2	2.9	1		11/06/09 07:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.1	3.6	1		11/06/09 07:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1.4	1		11/06/09 07:41	1634-04-4	
Styrene	ND	ug/kg	4.8	1.7	1		11/06/09 07:41	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1.8	1		11/06/09 07:41	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1.6	1		11/06/09 07:41	127-18-4	
Toluene	ND	ug/kg	4.8	1.7	1		11/06/09 07:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	2.1	1		11/06/09 07:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1.5	1		11/06/09 07:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1.7	1		11/06/09 07:41	71-55-6	

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(704)875-9092

ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: HA-29-DUP **Lab ID: 9256399001** Collected: 10/27/09 12:45 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,1,2-Trichloroethane	ND	ug/kg	4.8	2.0	1		11/06/09 07:41	79-00-5	
Trichloroethene	ND	ug/kg	4.8	2.0	1		11/06/09 07:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	2.1	1		11/06/09 07:41	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.8	1.8	1		11/06/09 07:41	76-13-1	
Vinyl chloride	ND	ug/kg	9.6	1.7	1		11/06/09 07:41	75-01-4	
m&p-Xylene	ND	ug/kg	9.6	3.5	1		11/06/09 07:41	1330-20-7	
o-Xylene	ND	ug/kg	4.8	1.8	1		11/06/09 07:41	95-47-6	
Dibromofluoromethane (S)	100	%	79-116		1		11/06/09 07:41	1868-53-7	
Toluene-d8 (S)	98	%	88-110		1		11/06/09 07:41	2037-26-5	
4-Bromofluorobenzene (S)	104	%	74-115		1		11/06/09 07:41	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	69-121		1		11/06/09 07:41	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.3**	%	0.10	0.10	1		10/30/09 13:37		

Sample: SED-1 **Lab ID: 9256399002** Collected: 10/27/09 13:40 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	115	11.5	1		11/06/09 18:53	67-64-1	
Benzene	ND	ug/kg	5.8	1.8	1		11/06/09 18:53	71-43-2	
Bromochloromethane	ND	ug/kg	5.8	2.0	1		11/06/09 18:53	74-97-5	
Bromodichloromethane	ND	ug/kg	5.8	2.2	1		11/06/09 18:53	75-27-4	
Bromoform	ND	ug/kg	5.8	2.7	1		11/06/09 18:53	75-25-2	
Bromomethane	ND	ug/kg	11.5	2.9	1		11/06/09 18:53	74-83-9	
2-Butanone (MEK)	ND	ug/kg	115	3.3	1		11/06/09 18:53	78-93-3	
Carbon disulfide	ND	ug/kg	11.5	3.5	1		11/06/09 18:53	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.8	3.0	1		11/06/09 18:53	56-23-5	
Chlorobenzene	ND	ug/kg	5.8	2.2	1		11/06/09 18:53	108-90-7	
Chloroethane	**42.3**	ug/kg	11.5	2.8	1		11/06/09 18:53	75-00-3	
Chloroform	ND	ug/kg	5.8	1.8	1		11/06/09 18:53	67-66-3	
Chloromethane	ND	ug/kg	11.5	2.8	1		11/06/09 18:53	74-87-3	
Cyclohexane	ND	ug/kg	5.8	1.8	1		11/06/09 18:53	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	4.2	1		11/06/09 18:53	96-12-8	
Dibromochloromethane	ND	ug/kg	5.8	2.1	1		11/06/09 18:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.8	2.1	1		11/06/09 18:53	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.8	2.2	1		11/06/09 18:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.8	2.3	1		11/06/09 18:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.8	2.0	1		11/06/09 18:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.5	4.2	1		11/06/09 18:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.8	1.7	1		11/06/09 18:53	75-34-3	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: SED-1 **Lab ID: 9256399002** Collected: 10/27/09 13:40 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,2-Dichloroethane	ND	ug/kg	5.8	2.5	1		11/06/09 18:53	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.8	2.1	1		11/06/09 18:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.8	1.6	1		11/06/09 18:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.8	2.2	1		11/06/09 18:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.8	2.0	1		11/06/09 18:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.8	2.1	1		11/06/09 18:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.8	1.7	1		11/06/09 18:53	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	173	138	1		11/06/09 18:53	123-91-1	
Ethylbenzene	ND	ug/kg	5.8	2.1	1		11/06/09 18:53	100-41-4	
2-Hexanone	ND	ug/kg	57.7	4.5	1		11/06/09 18:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.8	2.2	1		11/06/09 18:53	98-82-8	
Methyl acetate	ND	ug/kg	11.5	1.6	1		11/06/09 18:53	79-20-9	
Methylcyclohexane	ND	ug/kg	11.5	1.7	1		11/06/09 18:53	108-87-2	
Methylene Chloride	ND	ug/kg	23.1	3.5	1		11/06/09 18:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	57.7	4.3	1		11/06/09 18:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.8	1.7	1		11/06/09 18:53	1634-04-4	
Styrene	ND	ug/kg	5.8	2.1	1		11/06/09 18:53	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8	2.2	1		11/06/09 18:53	79-34-5	
Tetrachloroethene	ND	ug/kg	5.8	2.0	1		11/06/09 18:53	127-18-4	
Toluene	ND	ug/kg	5.8	2.1	1		11/06/09 18:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.8	2.5	1		11/06/09 18:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.8	1.8	1		11/06/09 18:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.8	2.1	1		11/06/09 18:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.8	2.4	1		11/06/09 18:53	79-00-5	
Trichloroethene	ND	ug/kg	5.8	2.4	1		11/06/09 18:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.8	2.5	1		11/06/09 18:53	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.8	2.2	1		11/06/09 18:53	76-13-1	
Vinyl chloride	ND	ug/kg	11.5	2.1	1		11/06/09 18:53	75-01-4	
m&p-Xylene	ND	ug/kg	11.5	4.2	1		11/06/09 18:53	1330-20-7	
o-Xylene	ND	ug/kg	5.8	2.2	1		11/06/09 18:53	95-47-6	
Dibromofluoromethane (S)	93	%	79-116		1		11/06/09 18:53	1868-53-7	
Toluene-d8 (S)	100	%	88-110		1		11/06/09 18:53	2037-26-5	
4-Bromofluorobenzene (S)	103	%	74-115		1		11/06/09 18:53	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	69-121		1		11/06/09 18:53	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**24.1**	%	0.10	0.10	1		10/30/09 13:37		

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: IDW-S **Lab ID: 9256399003** Collected: 10/27/09 15:10 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1311; 11/04/09 16:20								
Arsenic	ND	mg/L	0.025	0.014	1	11/05/09 15:30	11/06/09 06:30	7440-38-2	
Barium	**0.12**	mg/L	0.025	0.0010	1	11/05/09 15:30	11/06/09 06:30	7440-39-3	
Cadmium	ND	mg/L	0.0050	0.0025	1	11/05/09 15:30	11/06/09 06:30	7440-43-9	
Chromium	ND	mg/L	0.025	0.0020	1	11/05/09 15:30	11/06/09 06:30	7440-47-3	
Lead	ND	mg/L	0.025	0.020	1	11/05/09 15:30	11/06/09 06:30	7439-92-1	
Selenium	ND	mg/L	0.050	0.019	1	11/05/09 15:30	11/06/09 06:30	7782-49-2	
Silver	ND	mg/L	0.025	0.00050	1	11/05/09 15:30	11/06/09 06:30	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Leachate Method/Date: EPA 1311; 11/04/09 16:20								
Mercury	ND	ug/L	0.20	0.090	1	11/06/09 10:05	11/06/09 13:23	7439-97-6	M0
8260 MSV TCLP	Analytical Method: EPA 8260								
Benzene	ND	ug/L	125	30.0	25		11/06/09 09:48	71-43-2	
2-Butanone (MEK)	ND	ug/L	250	70.0	25		11/06/09 09:48	78-93-3	
Carbon tetrachloride	ND	ug/L	125	67.5	25		11/06/09 09:48	56-23-5	
Chlorobenzene	ND	ug/L	125	25.0	25		11/06/09 09:48	108-90-7	
Chloroform	ND	ug/L	125	50.0	25		11/06/09 09:48	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	125	30.0	25		11/06/09 09:48	106-46-7	
1,2-Dichloroethane	ND	ug/L	125	32.5	25		11/06/09 09:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	125	85.0	25		11/06/09 09:48	75-35-4	
Tetrachloroethene	ND	ug/L	125	47.5	25		11/06/09 09:48	127-18-4	
Trichloroethene	ND	ug/L	125	25.0	25		11/06/09 09:48	79-01-6	
Vinyl chloride	ND	ug/L	125	47.5	25		11/06/09 09:48	75-01-4	
1,2-Dichloroethane-d4 (S)	91	%	79-120		25		11/06/09 09:48	17060-07-0	
Toluene-d8 (S)	100	%	70-120		25		11/06/09 09:48	2037-26-5	
4-Bromofluorobenzene (S)	98	%	87-109		25		11/06/09 09:48	460-00-4	
Dibromofluoromethane (S)	96	%	85-115		25		11/06/09 09:48	1868-53-7	
	Analytical Method: ASTM D2974-87								
Percent Moisture	**20.6**	%	0.10	0.10	1		10/30/09 13:42		

Sample: GP-19-4-6 **Lab ID: 9256399004** Collected: 10/26/09 11:15 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	1540	154	50		11/05/09 21:59	67-64-1	
Benzene	ND	ug/kg	77.0	24.6	50		11/05/09 21:59	71-43-2	
Bromochloromethane	ND	ug/kg	77.0	26.2	50		11/05/09 21:59	74-97-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: GP-19-4-6 **Lab ID: 9256399004** Collected: 10/26/09 11:15 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Bromodichloromethane	ND	ug/kg	77.0	29.3	50		11/05/09 21:59	75-27-4	
Bromoform	ND	ug/kg	77.0	35.4	50		11/05/09 21:59	75-25-2	
Bromomethane	ND	ug/kg	154	38.5	50		11/05/09 21:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1540	44.7	50		11/05/09 21:59	78-93-3	
Carbon disulfide	ND	ug/kg	154	46.2	50		11/05/09 21:59	75-15-0	
Carbon tetrachloride	ND	ug/kg	77.0	40.0	50		11/05/09 21:59	56-23-5	
Chlorobenzene	ND	ug/kg	77.0	29.3	50		11/05/09 21:59	108-90-7	
Chloroethane	ND	ug/kg	154	37.0	50		11/05/09 21:59	75-00-3	
Chloroform	ND	ug/kg	77.0	24.6	50		11/05/09 21:59	67-66-3	
Chloromethane	ND	ug/kg	154	37.0	50		11/05/09 21:59	74-87-3	
Cyclohexane	ND	ug/kg	77.0	24.6	50		11/05/09 21:59	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	77.0	55.4	50		11/05/09 21:59	96-12-8	
Dibromochloromethane	ND	ug/kg	77.0	27.7	50		11/05/09 21:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	77.0	27.7	50		11/05/09 21:59	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	77.0	29.3	50		11/05/09 21:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	77.0	30.8	50		11/05/09 21:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	77.0	26.2	50		11/05/09 21:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	154	55.4	50		11/05/09 21:59	75-71-8	
1,1-Dichloroethane	ND	ug/kg	77.0	23.1	50		11/05/09 21:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	77.0	33.9	50		11/05/09 21:59	107-06-2	
1,1-Dichloroethene	ND	ug/kg	77.0	27.7	50		11/05/09 21:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	77.0	21.6	50		11/05/09 21:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	77.0	29.3	50		11/05/09 21:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	77.0	26.2	50		11/05/09 21:59	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	77.0	27.7	50		11/05/09 21:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	77.0	23.1	50		11/05/09 21:59	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	2310	1850	50		11/05/09 21:59	123-91-1	
Ethylbenzene	ND	ug/kg	77.0	27.7	50		11/05/09 21:59	100-41-4	
2-Hexanone	ND	ug/kg	770	60.1	50		11/05/09 21:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	77.0	29.3	50		11/05/09 21:59	98-82-8	
Methyl acetate	ND	ug/kg	154	21.6	50		11/05/09 21:59	79-20-9	
Methylcyclohexane	ND	ug/kg	154	23.1	50		11/05/09 21:59	108-87-2	
Methylene Chloride	ND	ug/kg	308	46.2	50		11/05/09 21:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	770	57.0	50		11/05/09 21:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	77.0	23.1	50		11/05/09 21:59	1634-04-4	
Styrene	ND	ug/kg	77.0	27.7	50		11/05/09 21:59	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	77.0	29.3	50		11/05/09 21:59	79-34-5	
Tetrachloroethene	ND	ug/kg	77.0	26.2	50		11/05/09 21:59	127-18-4	
Toluene	ND	ug/kg	77.0	27.7	50		11/05/09 21:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	77.0	33.9	50		11/05/09 21:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	77.0	24.6	50		11/05/09 21:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	77.0	27.7	50		11/05/09 21:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	77.0	32.3	50		11/05/09 21:59	79-00-5	
Trichloroethene	ND	ug/kg	77.0	32.3	50		11/05/09 21:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	77.0	33.9	50		11/05/09 21:59	75-69-4	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: GP-19-4-6 **Lab ID: 9256399004** Collected: 10/26/09 11:15 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	77.0	29.3	50		11/05/09 21:59	76-13-1	
Vinyl chloride	ND	ug/kg	154	27.7	50		11/05/09 21:59	75-01-4	
m&p-Xylene	ND	ug/kg	154	55.4	50		11/05/09 21:59	1330-20-7	
o-Xylene	ND	ug/kg	77.0	29.3	50		11/05/09 21:59	95-47-6	
Dibromofluoromethane (S)	92	%	79-116		50		11/05/09 21:59	1868-53-7	D3
Toluene-d8 (S)	99	%	88-110		50		11/05/09 21:59	2037-26-5	
4-Bromofluorobenzene (S)	99	%	74-115		50		11/05/09 21:59	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	69-121		50		11/05/09 21:59	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.5**	%	0.10	0.10	1		10/30/09 13:37		

Sample: GP-20-4-6 **Lab ID: 9256399005** Collected: 10/26/09 00:00 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	99.7	10	1		11/05/09 18:57	67-64-1	
Benzene	ND	ug/kg	5.0	1.6	1		11/05/09 18:57	71-43-2	
Bromochloromethane	ND	ug/kg	5.0	1.7	1		11/05/09 18:57	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1.9	1		11/05/09 18:57	75-27-4	
Bromoform	ND	ug/kg	5.0	2.3	1		11/05/09 18:57	75-25-2	
Bromomethane	ND	ug/kg	10	2.5	1		11/05/09 18:57	74-83-9	
2-Butanone (MEK)	ND	ug/kg	99.7	2.9	1		11/05/09 18:57	78-93-3	
Carbon disulfide	ND	ug/kg	10	3.0	1		11/05/09 18:57	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	2.6	1		11/05/09 18:57	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1.9	1		11/05/09 18:57	108-90-7	
Chloroethane	ND	ug/kg	10	2.4	1		11/05/09 18:57	75-00-3	
Chloroform	ND	ug/kg	5.0	1.6	1		11/05/09 18:57	67-66-3	
Chloromethane	ND	ug/kg	10	2.4	1		11/05/09 18:57	74-87-3	
Cyclohexane	ND	ug/kg	5.0	1.6	1		11/05/09 18:57	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	3.6	1		11/05/09 18:57	96-12-8	
Dibromochloromethane	ND	ug/kg	5.0	1.8	1		11/05/09 18:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1.8	1		11/05/09 18:57	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1.9	1		11/05/09 18:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	2.0	1		11/05/09 18:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1.7	1		11/05/09 18:57	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10	3.6	1		11/05/09 18:57	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.0	1.5	1		11/05/09 18:57	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	2.2	1		11/05/09 18:57	107-06-2	
1,1-Dichloroethene	**38.5**	ug/kg	5.0	1.8	1		11/05/09 18:57	75-35-4	
cis-1,2-Dichloroethene	**15.5**	ug/kg	5.0	1.4	1		11/05/09 18:57	156-59-2	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: GP-20-4-6 **Lab ID: 9256399005** Collected: 10/26/09 00:00 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1.9	1		11/05/09 18:57	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1.7	1		11/05/09 18:57	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1.8	1		11/05/09 18:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1.5	1		11/05/09 18:57	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	149	120	1		11/05/09 18:57	123-91-1	
Ethylbenzene	ND	ug/kg	5.0	1.8	1		11/05/09 18:57	100-41-4	
2-Hexanone	ND	ug/kg	49.8	3.9	1		11/05/09 18:57	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1.9	1		11/05/09 18:57	98-82-8	
Methyl acetate	ND	ug/kg	10	1.4	1		11/05/09 18:57	79-20-9	
Methylcyclohexane	ND	ug/kg	10	1.5	1		11/05/09 18:57	108-87-2	
Methylene Chloride	ND	ug/kg	19.9	3.0	1		11/05/09 18:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	49.8	3.7	1		11/05/09 18:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1.5	1		11/05/09 18:57	1634-04-4	
Styrene	ND	ug/kg	5.0	1.8	1		11/05/09 18:57	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1.9	1		11/05/09 18:57	79-34-5	
Tetrachloroethene	**2020**	ug/kg	242	82.4	50		11/06/09 17:39	127-18-4	
Toluene	ND	ug/kg	5.0	1.8	1		11/05/09 18:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	2.2	1		11/05/09 18:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1.6	1		11/05/09 18:57	120-82-1	
1,1,1-Trichloroethane	**7.2**	ug/kg	5.0	1.8	1		11/05/09 18:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	2.1	1		11/05/09 18:57	79-00-5	
Trichloroethene	**39.8**	ug/kg	5.0	2.1	1		11/05/09 18:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	2.2	1		11/05/09 18:57	75-69-4	
1,1,2-Trichlorotrifluoroethane	**7.5**	ug/kg	5.0	1.9	1		11/05/09 18:57	76-13-1	
Vinyl chloride	ND	ug/kg	10	1.8	1		11/05/09 18:57	75-01-4	
m&p-Xylene	ND	ug/kg	10	3.6	1		11/05/09 18:57	1330-20-7	
o-Xylene	ND	ug/kg	5.0	1.9	1		11/05/09 18:57	95-47-6	
Dibromofluoromethane (S)	99	%	79-116		1		11/05/09 18:57	1868-53-7	
Toluene-d8 (S)	100	%	88-110		1		11/05/09 18:57	2037-26-5	
4-Bromofluorobenzene (S)	96	%	74-115		1		11/05/09 18:57	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	69-121		1		11/05/09 18:57	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**23.2**	%	0.10	0.10	1		10/30/09 13:37		

Sample: HA-21-4-6 **Lab ID: 9256399006** Collected: 10/26/09 12:47 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	97.1	9.7	1		11/05/09 19:15	67-64-1	
Benzene	ND	ug/kg	4.9	1.6	1		11/05/09 19:15	71-43-2	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: HA-21-4-6 **Lab ID: 9256399006** Collected: 10/26/09 12:47 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Bromochloromethane	ND	ug/kg	4.9	1.7	1		11/05/09 19:15	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	1.8	1		11/05/09 19:15	75-27-4	
Bromoform	ND	ug/kg	4.9	2.2	1		11/05/09 19:15	75-25-2	
Bromomethane	ND	ug/kg	9.7	2.4	1		11/05/09 19:15	74-83-9	
2-Butanone (MEK)	ND	ug/kg	97.1	2.8	1		11/05/09 19:15	78-93-3	
Carbon disulfide	ND	ug/kg	9.7	2.9	1		11/05/09 19:15	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	2.5	1		11/05/09 19:15	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1.8	1		11/05/09 19:15	108-90-7	
Chloroethane	ND	ug/kg	9.7	2.3	1		11/05/09 19:15	75-00-3	
Chloroform	ND	ug/kg	4.9	1.6	1		11/05/09 19:15	67-66-3	
Chloromethane	ND	ug/kg	9.7	2.3	1		11/05/09 19:15	74-87-3	
Cyclohexane	ND	ug/kg	4.9	1.6	1		11/05/09 19:15	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	3.5	1		11/05/09 19:15	96-12-8	
Dibromochloromethane	ND	ug/kg	4.9	1.7	1		11/05/09 19:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1.7	1		11/05/09 19:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1.8	1		11/05/09 19:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1.9	1		11/05/09 19:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1.7	1		11/05/09 19:15	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.7	3.5	1		11/05/09 19:15	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1.5	1		11/05/09 19:15	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	2.1	1		11/05/09 19:15	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1.7	1		11/05/09 19:15	75-35-4	
cis-1,2-Dichloroethene	**21.6**	ug/kg	4.9	1.4	1		11/05/09 19:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1.8	1		11/05/09 19:15	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1.7	1		11/05/09 19:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1.7	1		11/05/09 19:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1.5	1		11/05/09 19:15	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	146	117	1		11/05/09 19:15	123-91-1	
Ethylbenzene	ND	ug/kg	4.9	1.7	1		11/05/09 19:15	100-41-4	
2-Hexanone	ND	ug/kg	48.6	3.8	1		11/05/09 19:15	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1.8	1		11/05/09 19:15	98-82-8	
Methyl acetate	ND	ug/kg	9.7	1.4	1		11/05/09 19:15	79-20-9	
Methylcyclohexane	ND	ug/kg	9.7	1.5	1		11/05/09 19:15	108-87-2	
Methylene Chloride	ND	ug/kg	19.4	2.9	1		11/05/09 19:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.6	3.6	1		11/05/09 19:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1.5	1		11/05/09 19:15	1634-04-4	
Styrene	ND	ug/kg	4.9	1.7	1		11/05/09 19:15	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1.8	1		11/05/09 19:15	79-34-5	
Tetrachloroethene	**12.1**	ug/kg	4.9	1.7	1		11/05/09 19:15	127-18-4	
Toluene	ND	ug/kg	4.9	1.7	1		11/05/09 19:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	2.1	1		11/05/09 19:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1.6	1		11/05/09 19:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1.7	1		11/05/09 19:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	2.0	1		11/05/09 19:15	79-00-5	
Trichloroethene	ND	ug/kg	4.9	2.0	1		11/05/09 19:15	79-01-6	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: HA-21-4-6 **Lab ID: 9256399006** Collected: 10/26/09 12:47 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Trichlorofluoromethane	ND	ug/kg	4.9	2.1	1		11/05/09 19:15	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.9	1.8	1		11/05/09 19:15	76-13-1	
Vinyl chloride	ND	ug/kg	9.7	1.7	1		11/05/09 19:15	75-01-4	
m&p-Xylene	ND	ug/kg	9.7	3.5	1		11/05/09 19:15	1330-20-7	
o-Xylene	ND	ug/kg	4.9	1.8	1		11/05/09 19:15	95-47-6	
Dibromofluoromethane (S)	92	%	79-116		1		11/05/09 19:15	1868-53-7	
Toluene-d8 (S)	101	%	88-110		1		11/05/09 19:15	2037-26-5	
4-Bromofluorobenzene (S)	101	%	74-115		1		11/05/09 19:15	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	69-121		1		11/05/09 19:15	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**23.0**	%	0.10	0.10	1		10/30/09 13:37		

Sample: GP-22-6-8 **Lab ID: 9256399007** Collected: 10/26/09 13:15 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	91.2	9.1	1		11/06/09 16:45	67-64-1	
Benzene	ND	ug/kg	4.6	1.5	1		11/06/09 16:45	71-43-2	
Bromochloromethane	ND	ug/kg	4.6	1.6	1		11/06/09 16:45	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	1.7	1		11/06/09 16:45	75-27-4	
Bromoform	ND	ug/kg	4.6	2.1	1		11/06/09 16:45	75-25-2	
Bromomethane	ND	ug/kg	9.1	2.3	1		11/06/09 16:45	74-83-9	
2-Butanone (MEK)	ND	ug/kg	91.2	2.6	1		11/06/09 16:45	78-93-3	
Carbon disulfide	ND	ug/kg	9.1	2.7	1		11/06/09 16:45	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	2.4	1		11/06/09 16:45	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1.7	1		11/06/09 16:45	108-90-7	
Chloroethane	ND	ug/kg	9.1	2.2	1		11/06/09 16:45	75-00-3	
Chloroform	ND	ug/kg	4.6	1.5	1		11/06/09 16:45	67-66-3	
Chloromethane	ND	ug/kg	9.1	2.2	1		11/06/09 16:45	74-87-3	
Cyclohexane	ND	ug/kg	4.6	1.5	1		11/06/09 16:45	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	3.3	1		11/06/09 16:45	96-12-8	
Dibromochloromethane	ND	ug/kg	4.6	1.6	1		11/06/09 16:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1.6	1		11/06/09 16:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1.7	1		11/06/09 16:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1.8	1		11/06/09 16:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1.6	1		11/06/09 16:45	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.1	3.3	1		11/06/09 16:45	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1.4	1		11/06/09 16:45	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	2.0	1		11/06/09 16:45	107-06-2	
1,1-Dichloroethene	**17.6**	ug/kg	4.6	1.6	1		11/06/09 16:45	75-35-4	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: GP-22-6-8 **Lab ID: 9256399007** Collected: 10/26/09 13:15 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
cis-1,2-Dichloroethene	**22.8**	ug/kg	4.6	1.3	1		11/06/09 16:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1.7	1		11/06/09 16:45	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1.6	1		11/06/09 16:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1.6	1		11/06/09 16:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1.4	1		11/06/09 16:45	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	137	109	1		11/06/09 16:45	123-91-1	
Ethylbenzene	ND	ug/kg	4.6	1.6	1		11/06/09 16:45	100-41-4	
2-Hexanone	ND	ug/kg	45.6	3.6	1		11/06/09 16:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1.7	1		11/06/09 16:45	98-82-8	
Methyl acetate	ND	ug/kg	9.1	1.3	1		11/06/09 16:45	79-20-9	
Methylcyclohexane	ND	ug/kg	9.1	1.4	1		11/06/09 16:45	108-87-2	
Methylene Chloride	ND	ug/kg	18.2	2.7	1		11/06/09 16:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	45.6	3.4	1		11/06/09 16:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1.4	1		11/06/09 16:45	1634-04-4	
Styrene	ND	ug/kg	4.6	1.6	1		11/06/09 16:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1.7	1		11/06/09 16:45	79-34-5	
Tetrachloroethene	**338**	ug/kg	4.6	1.6	1		11/06/09 16:45	127-18-4	E
Toluene	ND	ug/kg	4.6	1.6	1		11/06/09 16:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	2.0	1		11/06/09 16:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1.5	1		11/06/09 16:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1.6	1		11/06/09 16:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1.9	1		11/06/09 16:45	79-00-5	
Trichloroethene	**17.6**	ug/kg	4.6	1.9	1		11/06/09 16:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	2.0	1		11/06/09 16:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.6	1.7	1		11/06/09 16:45	76-13-1	
Vinyl chloride	ND	ug/kg	9.1	1.6	1		11/06/09 16:45	75-01-4	
m&p-Xylene	ND	ug/kg	9.1	3.3	1		11/06/09 16:45	1330-20-7	
o-Xylene	ND	ug/kg	4.6	1.7	1		11/06/09 16:45	95-47-6	
Dibromofluoromethane (S)	102	%	79-116		1		11/06/09 16:45	1868-53-7	
Toluene-d8 (S)	100	%	88-110		1		11/06/09 16:45	2037-26-5	
4-Bromofluorobenzene (S)	101	%	74-115		1		11/06/09 16:45	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	69-121		1		11/06/09 16:45	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.7**	%	0.10	0.10	1		10/30/09 13:38		

Sample: GP-23-4-6 **Lab ID: 9256399008** Collected: 10/26/09 14:05 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	76.7	7.7	1		11/05/09 19:33	67-64-1	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: GP-23-4-6 **Lab ID: 9256399008** Collected: 10/26/09 14:05 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Benzene	ND	ug/kg	3.8	1.2	1		11/05/09 19:33	71-43-2	
Bromochloromethane	ND	ug/kg	3.8	1.3	1		11/05/09 19:33	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	1.5	1		11/05/09 19:33	75-27-4	
Bromoform	ND	ug/kg	3.8	1.8	1		11/05/09 19:33	75-25-2	
Bromomethane	ND	ug/kg	7.7	1.9	1		11/05/09 19:33	74-83-9	
2-Butanone (MEK)	ND	ug/kg	76.7	2.2	1		11/05/09 19:33	78-93-3	
Carbon disulfide	ND	ug/kg	7.7	2.3	1		11/05/09 19:33	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	2.0	1		11/05/09 19:33	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	1.5	1		11/05/09 19:33	108-90-7	
Chloroethane	ND	ug/kg	7.7	1.8	1		11/05/09 19:33	75-00-3	
Chloroform	ND	ug/kg	3.8	1.2	1		11/05/09 19:33	67-66-3	
Chloromethane	ND	ug/kg	7.7	1.8	1		11/05/09 19:33	74-87-3	
Cyclohexane	ND	ug/kg	3.8	1.2	1		11/05/09 19:33	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.8	2.8	1		11/05/09 19:33	96-12-8	
Dibromochloromethane	ND	ug/kg	3.8	1.4	1		11/05/09 19:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	1.4	1		11/05/09 19:33	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.8	1.5	1		11/05/09 19:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.8	1.5	1		11/05/09 19:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.8	1.3	1		11/05/09 19:33	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.7	2.8	1		11/05/09 19:33	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.8	1.2	1		11/05/09 19:33	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.8	1.7	1		11/05/09 19:33	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.8	1.4	1		11/05/09 19:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	1.1	1		11/05/09 19:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	1.5	1		11/05/09 19:33	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.8	1.3	1		11/05/09 19:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	1.4	1		11/05/09 19:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	1.2	1		11/05/09 19:33	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	115	92.1	1		11/05/09 19:33	123-91-1	
Ethylbenzene	ND	ug/kg	3.8	1.4	1		11/05/09 19:33	100-41-4	
2-Hexanone	ND	ug/kg	38.4	3.0	1		11/05/09 19:33	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	1.5	1		11/05/09 19:33	98-82-8	
Methyl acetate	ND	ug/kg	7.7	1.1	1		11/05/09 19:33	79-20-9	
Methylcyclohexane	ND	ug/kg	7.7	1.2	1		11/05/09 19:33	108-87-2	
Methylene Chloride	ND	ug/kg	15.3	2.3	1		11/05/09 19:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	38.4	2.8	1		11/05/09 19:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.8	1.2	1		11/05/09 19:33	1634-04-4	
Styrene	ND	ug/kg	3.8	1.4	1		11/05/09 19:33	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	1.5	1		11/05/09 19:33	79-34-5	
Tetrachloroethene	**6.2**	ug/kg	3.8	1.3	1		11/05/09 19:33	127-18-4	
Toluene	ND	ug/kg	3.8	1.4	1		11/05/09 19:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	1.7	1		11/05/09 19:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	1.2	1		11/05/09 19:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.8	1.4	1		11/05/09 19:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.8	1.6	1		11/05/09 19:33	79-00-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: GP-23-4-6 **Lab ID: 9256399008** Collected: 10/26/09 14:05 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Trichloroethene	ND	ug/kg	3.8	1.6	1		11/05/09 19:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	1.7	1		11/05/09 19:33	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	1.5	1		11/05/09 19:33	76-13-1	
Vinyl chloride	ND	ug/kg	7.7	1.4	1		11/05/09 19:33	75-01-4	
m&p-Xylene	ND	ug/kg	7.7	2.8	1		11/05/09 19:33	1330-20-7	
o-Xylene	ND	ug/kg	3.8	1.5	1		11/05/09 19:33	95-47-6	
Dibromofluoromethane (S)	96	%	79-116		1		11/05/09 19:33	1868-53-7	
Toluene-d8 (S)	99	%	88-110		1		11/05/09 19:33	2037-26-5	
4-Bromofluorobenzene (S)	97	%	74-115		1		11/05/09 19:33	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	69-121		1		11/05/09 19:33	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.2**	%	0.10	0.10	1		10/30/09 13:38		

Sample: GP-24-4-6 **Lab ID: 9256399009** Collected: 10/26/09 14:38 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	81.0	8.1	1		11/06/09 04:21	67-64-1	
Benzene	ND	ug/kg	4.0	1.3	1		11/06/09 04:21	71-43-2	
Bromochloromethane	ND	ug/kg	4.0	1.4	1		11/06/09 04:21	74-97-5	
Bromodichloromethane	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	75-27-4	
Bromoform	ND	ug/kg	4.0	1.9	1		11/06/09 04:21	75-25-2	
Bromomethane	ND	ug/kg	8.1	2.0	1		11/06/09 04:21	74-83-9	
2-Butanone (MEK)	ND	ug/kg	81.0	2.3	1		11/06/09 04:21	78-93-3	
Carbon disulfide	ND	ug/kg	8.1	2.4	1		11/06/09 04:21	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.0	2.1	1		11/06/09 04:21	56-23-5	
Chlorobenzene	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	108-90-7	
Chloroethane	ND	ug/kg	8.1	1.9	1		11/06/09 04:21	75-00-3	
Chloroform	ND	ug/kg	4.0	1.3	1		11/06/09 04:21	67-66-3	
Chloromethane	ND	ug/kg	8.1	1.9	1		11/06/09 04:21	74-87-3	
Cyclohexane	ND	ug/kg	4.0	1.3	1		11/06/09 04:21	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.0	2.9	1		11/06/09 04:21	96-12-8	
Dibromochloromethane	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.0	1.6	1		11/06/09 04:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.0	1.4	1		11/06/09 04:21	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.1	2.9	1		11/06/09 04:21	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.0	1.2	1		11/06/09 04:21	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.0	1.8	1		11/06/09 04:21	107-06-2	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: GP-24-4-6 **Lab ID: 9256399009** Collected: 10/26/09 14:38 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,1-Dichloroethene	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.0	1.1	1		11/06/09 04:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.0	1.4	1		11/06/09 04:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.0	1.2	1		11/06/09 04:21	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	121	97.2	1		11/06/09 04:21	123-91-1	
Ethylbenzene	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	100-41-4	
2-Hexanone	ND	ug/kg	40.5	3.2	1		11/06/09 04:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	98-82-8	
Methyl acetate	ND	ug/kg	8.1	1.1	1		11/06/09 04:21	79-20-9	
Methylcyclohexane	ND	ug/kg	8.1	1.2	1		11/06/09 04:21	108-87-2	
Methylene Chloride	ND	ug/kg	16.2	2.4	1		11/06/09 04:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	40.5	3.0	1		11/06/09 04:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.0	1.2	1		11/06/09 04:21	1634-04-4	
Styrene	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	79-34-5	
Tetrachloroethene	**76.2**	ug/kg	4.0	1.4	1		11/06/09 04:21	127-18-4	
Toluene	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.0	1.8	1		11/06/09 04:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.0	1.3	1		11/06/09 04:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.0	1.7	1		11/06/09 04:21	79-00-5	
Trichloroethene	ND	ug/kg	4.0	1.7	1		11/06/09 04:21	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.0	1.8	1		11/06/09 04:21	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	76-13-1	
Vinyl chloride	ND	ug/kg	8.1	1.5	1		11/06/09 04:21	75-01-4	
m&p-Xylene	ND	ug/kg	8.1	2.9	1		11/06/09 04:21	1330-20-7	
o-Xylene	ND	ug/kg	4.0	1.5	1		11/06/09 04:21	95-47-6	
Dibromofluoromethane (S)	94	%	79-116		1		11/06/09 04:21	1868-53-7	
Toluene-d8 (S)	98	%	88-110		1		11/06/09 04:21	2037-26-5	
4-Bromofluorobenzene (S)	101	%	74-115		1		11/06/09 04:21	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	69-121		1		11/06/09 04:21	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.2**	%	0.10	0.10	1		10/30/09 13:38		

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: GP-25-4-6 **Lab ID: 9256399010** Collected: 10/26/09 15:05 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	75.3	7.5	1		11/06/09 04:03	67-64-1	
Benzene	ND	ug/kg	3.8	1.2	1		11/06/09 04:03	71-43-2	
Bromochloromethane	ND	ug/kg	3.8	1.3	1		11/06/09 04:03	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	75-27-4	
Bromoform	ND	ug/kg	3.8	1.7	1		11/06/09 04:03	75-25-2	
Bromomethane	ND	ug/kg	7.5	1.9	1		11/06/09 04:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	75.3	2.2	1		11/06/09 04:03	78-93-3	
Carbon disulfide	ND	ug/kg	7.5	2.3	1		11/06/09 04:03	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.8	2.0	1		11/06/09 04:03	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	108-90-7	
Chloroethane	ND	ug/kg	7.5	1.8	1		11/06/09 04:03	75-00-3	
Chloroform	ND	ug/kg	3.8	1.2	1		11/06/09 04:03	67-66-3	
Chloromethane	ND	ug/kg	7.5	1.8	1		11/06/09 04:03	74-87-3	
Cyclohexane	ND	ug/kg	3.8	1.2	1		11/06/09 04:03	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.8	2.7	1		11/06/09 04:03	96-12-8	
Dibromochloromethane	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.8	1.5	1		11/06/09 04:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.8	1.3	1		11/06/09 04:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.5	2.7	1		11/06/09 04:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.8	1.1	1		11/06/09 04:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.8	1.7	1		11/06/09 04:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	1.1	1		11/06/09 04:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.8	1.3	1		11/06/09 04:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	1.1	1		11/06/09 04:03	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	113	90.3	1		11/06/09 04:03	123-91-1	
Ethylbenzene	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	100-41-4	
2-Hexanone	ND	ug/kg	37.6	2.9	1		11/06/09 04:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	98-82-8	
Methyl acetate	ND	ug/kg	7.5	1.1	1		11/06/09 04:03	79-20-9	
Methylcyclohexane	ND	ug/kg	7.5	1.1	1		11/06/09 04:03	108-87-2	
Methylene Chloride	ND	ug/kg	15.1	2.3	1		11/06/09 04:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	37.6	2.8	1		11/06/09 04:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.8	1.1	1		11/06/09 04:03	1634-04-4	
Styrene	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	79-34-5	
Tetrachloroethene	**48.7**	ug/kg	3.8	1.3	1		11/06/09 04:03	127-18-4	
Toluene	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	1.7	1		11/06/09 04:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	1.2	1		11/06/09 04:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	71-55-6	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: GP-25-4-6 **Lab ID: 9256399010** Collected: 10/26/09 15:05 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,1,2-Trichloroethane	ND	ug/kg	3.8	1.6	1		11/06/09 04:03	79-00-5	
Trichloroethene	ND	ug/kg	3.8	1.6	1		11/06/09 04:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	1.7	1		11/06/09 04:03	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	76-13-1	
Vinyl chloride	ND	ug/kg	7.5	1.4	1		11/06/09 04:03	75-01-4	
m&p-Xylene	ND	ug/kg	7.5	2.7	1		11/06/09 04:03	1330-20-7	
o-Xylene	ND	ug/kg	3.8	1.4	1		11/06/09 04:03	95-47-6	
Dibromofluoromethane (S)	94	%	79-116		1		11/06/09 04:03	1868-53-7	
Toluene-d8 (S)	100	%	88-110		1		11/06/09 04:03	2037-26-5	
4-Bromofluorobenzene (S)	99	%	74-115		1		11/06/09 04:03	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	69-121		1		11/06/09 04:03	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.6**	%	0.10	0.10	1		10/30/09 13:38		

Sample: GP-26-6-7 **Lab ID: 9256399011** Collected: 10/27/09 09:26 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	81.1	8.1	1		11/06/09 08:18	67-64-1	
Benzene	ND	ug/kg	4.1	1.3	1		11/06/09 08:18	71-43-2	
Bromochloromethane	ND	ug/kg	4.1	1.4	1		11/06/09 08:18	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	1.5	1		11/06/09 08:18	75-27-4	
Bromoform	ND	ug/kg	4.1	1.9	1		11/06/09 08:18	75-25-2	
Bromomethane	ND	ug/kg	8.1	2.0	1		11/06/09 08:18	74-83-9	
2-Butanone (MEK)	ND	ug/kg	81.1	2.4	1		11/06/09 08:18	78-93-3	
Carbon disulfide	ND	ug/kg	8.1	2.4	1		11/06/09 08:18	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	2.1	1		11/06/09 08:18	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1.5	1		11/06/09 08:18	108-90-7	
Chloroethane	ND	ug/kg	8.1	1.9	1		11/06/09 08:18	75-00-3	
Chloroform	ND	ug/kg	4.1	1.3	1		11/06/09 08:18	67-66-3	
Chloromethane	ND	ug/kg	8.1	1.9	1		11/06/09 08:18	74-87-3	
Cyclohexane	ND	ug/kg	4.1	1.3	1		11/06/09 08:18	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	2.9	1		11/06/09 08:18	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1.5	1		11/06/09 08:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1.5	1		11/06/09 08:18	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1.5	1		11/06/09 08:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1.6	1		11/06/09 08:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1.4	1		11/06/09 08:18	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.1	2.9	1		11/06/09 08:18	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.1	1.2	1		11/06/09 08:18	75-34-3	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: GP-26-6-7 **Lab ID: 9256399011** Collected: 10/27/09 09:26 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,2-Dichloroethane	ND	ug/kg	4.1	1.8	1		11/06/09 08:18	107-06-2	
1,1-Dichloroethene	**41.4**	ug/kg	4.1	1.5	1		11/06/09 08:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1.1	1		11/06/09 08:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1.5	1		11/06/09 08:18	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1.4	1		11/06/09 08:18	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1.5	1		11/06/09 08:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1.2	1		11/06/09 08:18	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	122	97.3	1		11/06/09 08:18	123-91-1	
Ethylbenzene	ND	ug/kg	4.1	1.5	1		11/06/09 08:18	100-41-4	
2-Hexanone	ND	ug/kg	40.5	3.2	1		11/06/09 08:18	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1.5	1		11/06/09 08:18	98-82-8	
Methyl acetate	ND	ug/kg	8.1	1.1	1		11/06/09 08:18	79-20-9	
Methylcyclohexane	ND	ug/kg	8.1	1.2	1		11/06/09 08:18	108-87-2	
Methylene Chloride	ND	ug/kg	16.2	2.4	1		11/06/09 08:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	40.5	3.0	1		11/06/09 08:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1.2	1		11/06/09 08:18	1634-04-4	
Styrene	ND	ug/kg	4.1	1.5	1		11/06/09 08:18	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1.5	1		11/06/09 08:18	79-34-5	
Tetrachloroethene	**368**	ug/kg	202	68.7	50		11/06/09 19:11	127-18-4	
Toluene	ND	ug/kg	4.1	1.5	1		11/06/09 08:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	1.8	1		11/06/09 08:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1.3	1		11/06/09 08:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1.5	1		11/06/09 08:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1.7	1		11/06/09 08:18	79-00-5	
Trichloroethene	**22.3**	ug/kg	4.1	1.7	1		11/06/09 08:18	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1.8	1		11/06/09 08:18	75-69-4	
1,1,2-Trichlorotrifluoroethane	**25.3**	ug/kg	4.1	1.5	1		11/06/09 08:18	76-13-1	
Vinyl chloride	ND	ug/kg	8.1	1.5	1		11/06/09 08:18	75-01-4	
m&p-Xylene	ND	ug/kg	8.1	2.9	1		11/06/09 08:18	1330-20-7	
o-Xylene	ND	ug/kg	4.1	1.5	1		11/06/09 08:18	95-47-6	
Dibromofluoromethane (S)	98	%	79-116		1		11/06/09 08:18	1868-53-7	
Toluene-d8 (S)	100	%	88-110		1		11/06/09 08:18	2037-26-5	
4-Bromofluorobenzene (S)	99	%	74-115		1		11/06/09 08:18	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	69-121		1		11/06/09 08:18	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.1**	%	0.10	0.10	1		10/30/09 13:39		

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: GP-27-6-7 **Lab ID: 9256399012** Collected: 10/27/09 10:00 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	86.3	8.6	1		11/06/09 08:36	67-64-1	
Benzene	ND	ug/kg	4.3	1.4	1		11/06/09 08:36	71-43-2	
Bromochloromethane	ND	ug/kg	4.3	1.5	1		11/06/09 08:36	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	75-27-4	
Bromoform	ND	ug/kg	4.3	2.0	1		11/06/09 08:36	75-25-2	
Bromomethane	ND	ug/kg	8.6	2.2	1		11/06/09 08:36	74-83-9	
2-Butanone (MEK)	ND	ug/kg	86.3	2.5	1		11/06/09 08:36	78-93-3	
Carbon disulfide	ND	ug/kg	8.6	2.6	1		11/06/09 08:36	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	2.2	1		11/06/09 08:36	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	108-90-7	
Chloroethane	ND	ug/kg	8.6	2.1	1		11/06/09 08:36	75-00-3	
Chloroform	ND	ug/kg	4.3	1.4	1		11/06/09 08:36	67-66-3	
Chloromethane	ND	ug/kg	8.6	2.1	1		11/06/09 08:36	74-87-3	
Cyclohexane	ND	ug/kg	4.3	1.4	1		11/06/09 08:36	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	3.1	1		11/06/09 08:36	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1.7	1		11/06/09 08:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1.5	1		11/06/09 08:36	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.6	3.1	1		11/06/09 08:36	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1.3	1		11/06/09 08:36	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1.9	1		11/06/09 08:36	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1.2	1		11/06/09 08:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1.5	1		11/06/09 08:36	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1.3	1		11/06/09 08:36	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	129	104	1		11/06/09 08:36	123-91-1	
Ethylbenzene	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	100-41-4	
2-Hexanone	ND	ug/kg	43.1	3.4	1		11/06/09 08:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	98-82-8	
Methyl acetate	ND	ug/kg	8.6	1.2	1		11/06/09 08:36	79-20-9	
Methylcyclohexane	ND	ug/kg	8.6	1.3	1		11/06/09 08:36	108-87-2	
Methylene Chloride	ND	ug/kg	17.3	2.6	1		11/06/09 08:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	43.1	3.2	1		11/06/09 08:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1.3	1		11/06/09 08:36	1634-04-4	
Styrene	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	79-34-5	
Tetrachloroethene	**6.5**	ug/kg	4.3	1.5	1		11/06/09 08:36	127-18-4	
Toluene	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1.9	1		11/06/09 08:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1.4	1		11/06/09 08:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	71-55-6	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: GP-27-6-7 **Lab ID: 9256399012** Collected: 10/27/09 10:00 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,1,2-Trichloroethane	ND	ug/kg	4.3	1.8	1		11/06/09 08:36	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1.8	1		11/06/09 08:36	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1.9	1		11/06/09 08:36	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	76-13-1	
Vinyl chloride	ND	ug/kg	8.6	1.6	1		11/06/09 08:36	75-01-4	
m&p-Xylene	ND	ug/kg	8.6	3.1	1		11/06/09 08:36	1330-20-7	
o-Xylene	ND	ug/kg	4.3	1.6	1		11/06/09 08:36	95-47-6	
Dibromofluoromethane (S)	93	%	79-116		1		11/06/09 08:36	1868-53-7	
Toluene-d8 (S)	99	%	88-110		1		11/06/09 08:36	2037-26-5	
4-Bromofluorobenzene (S)	99	%	74-115		1		11/06/09 08:36	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	69-121		1		11/06/09 08:36	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.9**	%	0.10	0.10	1		10/30/09 13:39		

Sample: HA-28-6-8 **Lab ID: 9256399013** Collected: 10/27/09 11:22 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	85.8	8.6	1		11/06/09 08:54	67-64-1	
Benzene	ND	ug/kg	4.3	1.4	1		11/06/09 08:54	71-43-2	
Bromochloromethane	ND	ug/kg	4.3	1.5	1		11/06/09 08:54	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1.6	1		11/06/09 08:54	75-27-4	
Bromoform	ND	ug/kg	4.3	2.0	1		11/06/09 08:54	75-25-2	
Bromomethane	ND	ug/kg	8.6	2.1	1		11/06/09 08:54	74-83-9	
2-Butanone (MEK)	ND	ug/kg	85.8	2.5	1		11/06/09 08:54	78-93-3	
Carbon disulfide	ND	ug/kg	8.6	2.6	1		11/06/09 08:54	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	2.2	1		11/06/09 08:54	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1.6	1		11/06/09 08:54	108-90-7	
Chloroethane	ND	ug/kg	8.6	2.1	1		11/06/09 08:54	75-00-3	
Chloroform	ND	ug/kg	4.3	1.4	1		11/06/09 08:54	67-66-3	
Chloromethane	ND	ug/kg	8.6	2.1	1		11/06/09 08:54	74-87-3	
Cyclohexane	ND	ug/kg	4.3	1.4	1		11/06/09 08:54	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	3.1	1		11/06/09 08:54	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1.5	1		11/06/09 08:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1.5	1		11/06/09 08:54	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1.6	1		11/06/09 08:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1.7	1		11/06/09 08:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1.5	1		11/06/09 08:54	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.6	3.1	1		11/06/09 08:54	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1.3	1		11/06/09 08:54	75-34-3	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: HA-28-6-8 **Lab ID: 9256399013** Collected: 10/27/09 11:22 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,2-Dichloroethane	ND	ug/kg	4.3	1.9	1		11/06/09 08:54	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1.5	1		11/06/09 08:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1.2	1		11/06/09 08:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1.6	1		11/06/09 08:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1.5	1		11/06/09 08:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1.5	1		11/06/09 08:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1.3	1		11/06/09 08:54	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	129	103	1		11/06/09 08:54	123-91-1	
Ethylbenzene	ND	ug/kg	4.3	1.5	1		11/06/09 08:54	100-41-4	
2-Hexanone	ND	ug/kg	42.9	3.3	1		11/06/09 08:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1.6	1		11/06/09 08:54	98-82-8	
Methyl acetate	ND	ug/kg	8.6	1.2	1		11/06/09 08:54	79-20-9	
Methylcyclohexane	ND	ug/kg	8.6	1.3	1		11/06/09 08:54	108-87-2	
Methylene Chloride	ND	ug/kg	17.2	2.6	1		11/06/09 08:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	42.9	3.2	1		11/06/09 08:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1.3	1		11/06/09 08:54	1634-04-4	
Styrene	ND	ug/kg	4.3	1.5	1		11/06/09 08:54	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1.6	1		11/06/09 08:54	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1.5	1		11/06/09 08:54	127-18-4	
Toluene	ND	ug/kg	4.3	1.5	1		11/06/09 08:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1.9	1		11/06/09 08:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1.4	1		11/06/09 08:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1.5	1		11/06/09 08:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1.8	1		11/06/09 08:54	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1.8	1		11/06/09 08:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1.9	1		11/06/09 08:54	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.3	1.6	1		11/06/09 08:54	76-13-1	
Vinyl chloride	ND	ug/kg	8.6	1.5	1		11/06/09 08:54	75-01-4	
m&p-Xylene	ND	ug/kg	8.6	3.1	1		11/06/09 08:54	1330-20-7	
o-Xylene	ND	ug/kg	4.3	1.6	1		11/06/09 08:54	95-47-6	
Dibromofluoromethane (S)	99	%	79-116		1		11/06/09 08:54	1868-53-7	
Toluene-d8 (S)	101	%	88-110		1		11/06/09 08:54	2037-26-5	
4-Bromofluorobenzene (S)	102	%	74-115		1		11/06/09 08:54	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	69-121		1		11/06/09 08:54	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.3**	%	0.10	0.10	1		10/30/09 13:39		

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: HA-29-8-10 **Lab ID: 9256399014** Collected: 10/27/09 12:33 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	82.0	8.2	1		11/06/09 09:12	67-64-1	
Benzene	ND	ug/kg	4.1	1.3	1		11/06/09 09:12	71-43-2	
Bromochloromethane	ND	ug/kg	4.1	1.4	1		11/06/09 09:12	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	1.6	1		11/06/09 09:12	75-27-4	
Bromoform	ND	ug/kg	4.1	1.9	1		11/06/09 09:12	75-25-2	
Bromomethane	ND	ug/kg	8.2	2.0	1		11/06/09 09:12	74-83-9	
2-Butanone (MEK)	ND	ug/kg	82.0	2.4	1		11/06/09 09:12	78-93-3	
Carbon disulfide	ND	ug/kg	8.2	2.5	1		11/06/09 09:12	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	2.1	1		11/06/09 09:12	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1.6	1		11/06/09 09:12	108-90-7	
Chloroethane	ND	ug/kg	8.2	2.0	1		11/06/09 09:12	75-00-3	
Chloroform	ND	ug/kg	4.1	1.3	1		11/06/09 09:12	67-66-3	
Chloromethane	ND	ug/kg	8.2	2.0	1		11/06/09 09:12	74-87-3	
Cyclohexane	ND	ug/kg	4.1	1.3	1		11/06/09 09:12	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	3.0	1		11/06/09 09:12	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1.5	1		11/06/09 09:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1.5	1		11/06/09 09:12	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1.6	1		11/06/09 09:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1.6	1		11/06/09 09:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1.4	1		11/06/09 09:12	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.2	3.0	1		11/06/09 09:12	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.1	1.2	1		11/06/09 09:12	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1.8	1		11/06/09 09:12	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.1	1.5	1		11/06/09 09:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1.1	1		11/06/09 09:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1.6	1		11/06/09 09:12	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1.4	1		11/06/09 09:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1.5	1		11/06/09 09:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1.2	1		11/06/09 09:12	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	123	98.4	1		11/06/09 09:12	123-91-1	
Ethylbenzene	ND	ug/kg	4.1	1.5	1		11/06/09 09:12	100-41-4	
2-Hexanone	ND	ug/kg	41.0	3.2	1		11/06/09 09:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1.6	1		11/06/09 09:12	98-82-8	
Methyl acetate	ND	ug/kg	8.2	1.1	1		11/06/09 09:12	79-20-9	
Methylcyclohexane	ND	ug/kg	8.2	1.2	1		11/06/09 09:12	108-87-2	
Methylene Chloride	ND	ug/kg	16.4	2.5	1		11/06/09 09:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	41.0	3.0	1		11/06/09 09:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1.2	1		11/06/09 09:12	1634-04-4	
Styrene	ND	ug/kg	4.1	1.5	1		11/06/09 09:12	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1.6	1		11/06/09 09:12	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1.4	1		11/06/09 09:12	127-18-4	
Toluene	ND	ug/kg	4.1	1.5	1		11/06/09 09:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	1.8	1		11/06/09 09:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1.3	1		11/06/09 09:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1.5	1		11/06/09 09:12	71-55-6	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: HA-29-8-10 **Lab ID: 9256399014** Collected: 10/27/09 12:33 Received: 10/29/09 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,1,2-Trichloroethane	ND	ug/kg	4.1	1.7	1		11/06/09 09:12	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1.7	1		11/06/09 09:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1.8	1		11/06/09 09:12	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	1.6	1		11/06/09 09:12	76-13-1	
Vinyl chloride	ND	ug/kg	8.2	1.5	1		11/06/09 09:12	75-01-4	
m&p-Xylene	ND	ug/kg	8.2	3.0	1		11/06/09 09:12	1330-20-7	
o-Xylene	ND	ug/kg	4.1	1.6	1		11/06/09 09:12	95-47-6	
Dibromofluoromethane (S)	96	%	79-116		1		11/06/09 09:12	1868-53-7	
Toluene-d8 (S)	101	%	88-110		1		11/06/09 09:12	2037-26-5	
4-Bromofluorobenzene (S)	102	%	74-115		1		11/06/09 09:12	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	69-121		1		11/06/09 09:12	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.9**	%	0.10	0.10	1		10/30/09 13:39		

Sample: DUP-1 **Lab ID: 9256399015** Collected: 10/27/09 13:28 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		11/08/09 15:45	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		11/08/09 15:45	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		11/08/09 15:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/08/09 15:45	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		11/08/09 15:45	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		11/08/09 15:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		11/08/09 15:45	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		11/08/09 15:45	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/08/09 15:45	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		11/08/09 15:45	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		11/08/09 15:45	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		11/08/09 15:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/08/09 15:45	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		11/08/09 15:45	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		11/08/09 15:45	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		11/08/09 15:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/08/09 15:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		11/08/09 15:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		11/08/09 15:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/08/09 15:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		11/08/09 15:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		11/08/09 15:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/08/09 15:45	107-06-2	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: DUP-1 **Lab ID: 9256399015** Collected: 10/27/09 13:28 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		11/08/09 15:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		11/08/09 15:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		11/08/09 15:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/08/09 15:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/08/09 15:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/08/09 15:45	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		11/08/09 15:45	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/08/09 15:45	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		11/08/09 15:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		11/08/09 15:45	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		11/08/09 15:45	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		11/08/09 15:45	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		11/08/09 15:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		11/08/09 15:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		11/08/09 15:45	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		11/08/09 15:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		11/08/09 15:45	79-34-5	
Tetrachloroethene	**1.2**	ug/L	1.0	0.46	1		11/08/09 15:45	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		11/08/09 15:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		11/08/09 15:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		11/08/09 15:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/08/09 15:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/08/09 15:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		11/08/09 15:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/08/09 15:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		11/08/09 15:45	76-13-1	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/08/09 15:45	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/08/09 15:45	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		11/08/09 15:45	95-47-6	
4-Bromofluorobenzene (S)	93	%	87-109		1		11/08/09 15:45	460-00-4	
Dibromofluoromethane (S)	109	%	85-115		1		11/08/09 15:45	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	79-120		1		11/08/09 15:45	17060-07-0	
Toluene-d8 (S)	94	%	70-120		1		11/08/09 15:45	2037-26-5	

Sample: SW-1 **Lab ID: 9256399016** Collected: 10/27/09 13:37 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		11/08/09 16:04	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		11/08/09 16:04	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		11/08/09 16:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/08/09 16:04	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		11/08/09 16:04	75-25-2	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: SW-1 **Lab ID: 9256399016** Collected: 10/27/09 13:37 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Bromomethane	ND	ug/L	10.0	0.29	1		11/08/09 16:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		11/08/09 16:04	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		11/08/09 16:04	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/08/09 16:04	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		11/08/09 16:04	108-90-7	
Chloroethane	**26.2**	ug/L	10.0	0.54	1		11/08/09 16:04	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		11/08/09 16:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/08/09 16:04	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		11/08/09 16:04	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		11/08/09 16:04	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		11/08/09 16:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/08/09 16:04	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		11/08/09 16:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		11/08/09 16:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/08/09 16:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		11/08/09 16:04	75-71-8	
1,1-Dichloroethane	**5.9**	ug/L	5.0	0.32	1		11/08/09 16:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/08/09 16:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		11/08/09 16:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		11/08/09 16:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		11/08/09 16:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/08/09 16:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/08/09 16:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/08/09 16:04	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		11/08/09 16:04	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/08/09 16:04	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		11/08/09 16:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		11/08/09 16:04	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		11/08/09 16:04	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		11/08/09 16:04	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		11/08/09 16:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		11/08/09 16:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		11/08/09 16:04	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		11/08/09 16:04	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		11/08/09 16:04	79-34-5	
Tetrachloroethene	**1.7**	ug/L	1.0	0.46	1		11/08/09 16:04	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		11/08/09 16:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		11/08/09 16:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		11/08/09 16:04	120-82-1	
1,1,1-Trichloroethane	**1.6**	ug/L	1.0	0.48	1		11/08/09 16:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/08/09 16:04	79-00-5	
Trichloroethene	**1.5**	ug/L	1.0	0.47	1		11/08/09 16:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/08/09 16:04	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		11/08/09 16:04	76-13-1	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/08/09 16:04	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/08/09 16:04	1330-20-7	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: SW-1 **Lab ID: 9256399016** Collected: 10/27/09 13:37 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
o-Xylene	ND	ug/L	1.0	0.23	1		11/08/09 16:04	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		11/08/09 16:04	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		11/08/09 16:04	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		11/08/09 16:04	17060-07-0	
Toluene-d8 (S)	91	%	70-120		1		11/08/09 16:04	2037-26-5	

Sample: TMW-29 **Lab ID: 9256399017** Collected: 10/27/09 14:00 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		11/07/09 00:00	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		11/07/09 00:00	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		11/07/09 00:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/07/09 00:00	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		11/07/09 00:00	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		11/07/09 00:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		11/07/09 00:00	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		11/07/09 00:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/07/09 00:00	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		11/07/09 00:00	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		11/07/09 00:00	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		11/07/09 00:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/07/09 00:00	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		11/07/09 00:00	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		11/07/09 00:00	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		11/07/09 00:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/07/09 00:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		11/07/09 00:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		11/07/09 00:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 00:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		11/07/09 00:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		11/07/09 00:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/07/09 00:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		11/07/09 00:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		11/07/09 00:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		11/07/09 00:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/07/09 00:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/07/09 00:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/07/09 00:00	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		11/07/09 00:00	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/07/09 00:00	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		11/07/09 00:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		11/07/09 00:00	98-82-8	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: TMW-29 **Lab ID: 9256399017** Collected: 10/27/09 14:00 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Methyl acetate	ND	ug/L	10.0	0.82	1		11/07/09 00:00	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		11/07/09 00:00	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		11/07/09 00:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		11/07/09 00:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		11/07/09 00:00	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		11/07/09 00:00	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		11/07/09 00:00	79-34-5	
Tetrachloroethene	**23.3**	ug/L	1.0	0.46	1		11/07/09 00:00	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		11/07/09 00:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 00:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		11/07/09 00:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/07/09 00:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/07/09 00:00	79-00-5	
Trichloroethene	**2.0**	ug/L	1.0	0.47	1		11/07/09 00:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/07/09 00:00	75-69-4	
1,1,2-Trichlorotrifluoroethane	**8.7**	ug/L	1.0	0.19	1		11/07/09 00:00	76-13-1	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/07/09 00:00	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/07/09 00:00	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		11/07/09 00:00	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		11/07/09 00:00	460-00-4	
Dibromofluoromethane (S)	103	%	85-115		1		11/07/09 00:00	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	79-120		1		11/07/09 00:00	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		11/07/09 00:00	2037-26-5	

Sample: TMW-27 **Lab ID: 9256399018** Collected: 10/27/09 14:32 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		11/07/09 05:39	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		11/07/09 05:39	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		11/07/09 05:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/07/09 05:39	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		11/07/09 05:39	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		11/07/09 05:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		11/07/09 05:39	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		11/07/09 05:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/07/09 05:39	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		11/07/09 05:39	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		11/07/09 05:39	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		11/07/09 05:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/07/09 05:39	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		11/07/09 05:39	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		11/07/09 05:39	96-12-8	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: TMW-27 **Lab ID: 9256399018** Collected: 10/27/09 14:32 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Dibromochloromethane	ND	ug/L	3.0	0.21	1		11/07/09 05:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/07/09 05:39	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		11/07/09 05:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		11/07/09 05:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 05:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		11/07/09 05:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		11/07/09 05:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/07/09 05:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		11/07/09 05:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		11/07/09 05:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		11/07/09 05:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/07/09 05:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/07/09 05:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/07/09 05:39	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		11/07/09 05:39	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/07/09 05:39	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		11/07/09 05:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		11/07/09 05:39	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		11/07/09 05:39	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		11/07/09 05:39	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		11/07/09 05:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		11/07/09 05:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		11/07/09 05:39	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		11/07/09 05:39	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		11/07/09 05:39	79-34-5	
Tetrachloroethene	**90.5**	ug/L	1.0	0.46	1		11/07/09 05:39	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		11/07/09 05:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 05:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		11/07/09 05:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/07/09 05:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/07/09 05:39	79-00-5	
Trichloroethene	**1.7**	ug/L	1.0	0.47	1		11/07/09 05:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/07/09 05:39	75-69-4	
1,1,2-Trichlorotrifluoroethane	**26.1**	ug/L	1.0	0.19	1		11/07/09 05:39	76-13-1	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/07/09 05:39	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/07/09 05:39	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		11/07/09 05:39	95-47-6	
4-Bromofluorobenzene (S)	93	%	87-109		1		11/07/09 05:39	460-00-4	
Dibromofluoromethane (S)	106	%	85-115		1		11/07/09 05:39	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120		1		11/07/09 05:39	17060-07-0	
Toluene-d8 (S)	97	%	70-120		1		11/07/09 05:39	2037-26-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: RB-1 **Lab ID: 9256399019** Collected: 10/27/09 15:00 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		11/07/09 05:58	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		11/07/09 05:58	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		11/07/09 05:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/07/09 05:58	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		11/07/09 05:58	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		11/07/09 05:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		11/07/09 05:58	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		11/07/09 05:58	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/07/09 05:58	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		11/07/09 05:58	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		11/07/09 05:58	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		11/07/09 05:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/07/09 05:58	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		11/07/09 05:58	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		11/07/09 05:58	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		11/07/09 05:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/07/09 05:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		11/07/09 05:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		11/07/09 05:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 05:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		11/07/09 05:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		11/07/09 05:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/07/09 05:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		11/07/09 05:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		11/07/09 05:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		11/07/09 05:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/07/09 05:58	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/07/09 05:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/07/09 05:58	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		11/07/09 05:58	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/07/09 05:58	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		11/07/09 05:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		11/07/09 05:58	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		11/07/09 05:58	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		11/07/09 05:58	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		11/07/09 05:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		11/07/09 05:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		11/07/09 05:58	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		11/07/09 05:58	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		11/07/09 05:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		11/07/09 05:58	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		11/07/09 05:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 05:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		11/07/09 05:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/07/09 05:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/07/09 05:58	79-00-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: RB-1 **Lab ID: 9256399019** Collected: 10/27/09 15:00 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Trichloroethene	ND	ug/L	1.0	0.47	1		11/07/09 05:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/07/09 05:58	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		11/07/09 05:58	76-13-1	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/07/09 05:58	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/07/09 05:58	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		11/07/09 05:58	95-47-6	
4-Bromofluorobenzene (S)	96	%	87-109		1		11/07/09 05:58	460-00-4	
Dibromofluoromethane (S)	106	%	85-115		1		11/07/09 05:58	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	79-120		1		11/07/09 05:58	17060-07-0	
Toluene-d8 (S)	104	%	70-120		1		11/07/09 05:58	2037-26-5	

Sample: TRIP BLANK **Lab ID: 9256399020** Collected: 10/27/09 00:00 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		11/07/09 03:46	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		11/07/09 03:46	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		11/07/09 03:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/07/09 03:46	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		11/07/09 03:46	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		11/07/09 03:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		11/07/09 03:46	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		11/07/09 03:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/07/09 03:46	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		11/07/09 03:46	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		11/07/09 03:46	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		11/07/09 03:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/07/09 03:46	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		11/07/09 03:46	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		11/07/09 03:46	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		11/07/09 03:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/07/09 03:46	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		11/07/09 03:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		11/07/09 03:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 03:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		11/07/09 03:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		11/07/09 03:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/07/09 03:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		11/07/09 03:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		11/07/09 03:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		11/07/09 03:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/07/09 03:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/07/09 03:46	10061-01-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: TRIP BLANK **Lab ID: 9256399020** Collected: 10/27/09 00:00 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/07/09 03:46	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		11/07/09 03:46	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/07/09 03:46	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		11/07/09 03:46	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		11/07/09 03:46	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		11/07/09 03:46	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		11/07/09 03:46	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		11/07/09 03:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		11/07/09 03:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		11/07/09 03:46	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		11/07/09 03:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		11/07/09 03:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		11/07/09 03:46	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		11/07/09 03:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 03:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		11/07/09 03:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/07/09 03:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/07/09 03:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		11/07/09 03:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/07/09 03:46	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		11/07/09 03:46	76-13-1	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/07/09 03:46	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/07/09 03:46	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		11/07/09 03:46	95-47-6	
4-Bromofluorobenzene (S)	94	%	87-109		1		11/07/09 03:46	460-00-4	
Dibromofluoromethane (S)	101	%	85-115		1		11/07/09 03:46	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	79-120		1		11/07/09 03:46	17060-07-0	
Toluene-d8 (S)	103	%	70-120		1		11/07/09 03:46	2037-26-5	

Sample: FB-1 **Lab ID: 9256399021** Collected: 10/27/09 15:25 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		11/07/09 04:05	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		11/07/09 04:05	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		11/07/09 04:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/07/09 04:05	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		11/07/09 04:05	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		11/07/09 04:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		11/07/09 04:05	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		11/07/09 04:05	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/07/09 04:05	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		11/07/09 04:05	108-90-7	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: FB-1 **Lab ID: 9256399021** Collected: 10/27/09 15:25 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Chloroethane	ND	ug/L	10.0	0.54	1		11/07/09 04:05	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		11/07/09 04:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/07/09 04:05	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		11/07/09 04:05	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		11/07/09 04:05	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		11/07/09 04:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/07/09 04:05	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		11/07/09 04:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		11/07/09 04:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 04:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		11/07/09 04:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		11/07/09 04:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/07/09 04:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		11/07/09 04:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		11/07/09 04:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		11/07/09 04:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/07/09 04:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/07/09 04:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/07/09 04:05	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		11/07/09 04:05	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/07/09 04:05	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		11/07/09 04:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		11/07/09 04:05	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		11/07/09 04:05	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		11/07/09 04:05	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		11/07/09 04:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		11/07/09 04:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		11/07/09 04:05	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		11/07/09 04:05	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		11/07/09 04:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		11/07/09 04:05	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		11/07/09 04:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 04:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		11/07/09 04:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/07/09 04:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/07/09 04:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		11/07/09 04:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/07/09 04:05	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		11/07/09 04:05	76-13-1	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/07/09 04:05	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/07/09 04:05	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		11/07/09 04:05	95-47-6	
4-Bromofluorobenzene (S)	104	%	87-109		1		11/07/09 04:05	460-00-4	
Dibromofluoromethane (S)	106	%	85-115		1		11/07/09 04:05	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	79-120		1		11/07/09 04:05	17060-07-0	
Toluene-d8 (S)	92	%	70-120		1		11/07/09 04:05	2037-26-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: TMW-19 **Lab ID: 9256399022** Collected: 10/28/09 09:00 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		11/07/09 06:16	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		11/07/09 06:16	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		11/07/09 06:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/07/09 06:16	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		11/07/09 06:16	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		11/07/09 06:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		11/07/09 06:16	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		11/07/09 06:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/07/09 06:16	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		11/07/09 06:16	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		11/07/09 06:16	75-00-3	
Chloroform	**5.3**	ug/L	5.0	0.14	1		11/07/09 06:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/07/09 06:16	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		11/07/09 06:16	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		11/07/09 06:16	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		11/07/09 06:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/07/09 06:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		11/07/09 06:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		11/07/09 06:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 06:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		11/07/09 06:16	75-71-8	
1,1-Dichloroethane	**135**	ug/L	5.0	0.32	1		11/07/09 06:16	75-34-3	
1,2-Dichloroethane	**3.8**	ug/L	1.0	0.12	1		11/07/09 06:16	107-06-2	
1,1-Dichloroethene	**1640**	ug/L	1000	112	200		11/08/09 16:42	75-35-4	
cis-1,2-Dichloroethene	**869**	ug/L	5.0	0.19	1		11/07/09 06:16	156-59-2	E
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		11/07/09 06:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/07/09 06:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/07/09 06:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/07/09 06:16	10061-02-6	
1,4-Dioxane (p-Dioxane)	**305**	ug/L	150	78.4	1		11/07/09 06:16	123-91-1	
Ethylbenzene	**6.3**	ug/L	1.0	0.30	1		11/07/09 06:16	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		11/07/09 06:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		11/07/09 06:16	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		11/07/09 06:16	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		11/07/09 06:16	108-87-2	
Methylene Chloride	**7.0**	ug/L	2.0	0.97	1		11/07/09 06:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		11/07/09 06:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		11/07/09 06:16	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		11/07/09 06:16	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		11/07/09 06:16	79-34-5	
Tetrachloroethene	**9930**	ug/L	200	92.0	200		11/08/09 16:42	127-18-4	
Toluene	**18.6**	ug/L	1.0	0.26	1		11/07/09 06:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 06:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		11/07/09 06:16	120-82-1	
1,1,1-Trichloroethane	**488**	ug/L	200	96.0	200		11/08/09 16:42	71-55-6	
1,1,2-Trichloroethane	**7.4**	ug/L	1.0	0.29	1		11/07/09 06:16	79-00-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: TMW-19 **Lab ID: 9256399022** Collected: 10/28/09 09:00 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Trichloroethene	**642**	ug/L	200	94.0	200		11/08/09 16:42	79-01-6	
Trichlorofluoromethane	**42.1**	ug/L	1.0	0.20	1		11/07/09 06:16	75-69-4	
1,1,2-Trichlorotrifluoroethane	**471**	ug/L	1.0	0.19	1		11/07/09 06:16	76-13-1	E
Vinyl chloride	**37.9**	ug/L	1.0	0.62	1		11/07/09 06:16	75-01-4	
m&p-Xylene	**31.0**	ug/L	2.0	0.66	1		11/07/09 06:16	1330-20-7	
o-Xylene	**13.0**	ug/L	1.0	0.23	1		11/07/09 06:16	95-47-6	
4-Bromofluorobenzene (S)	107	%	87-109		1		11/07/09 06:16	460-00-4	
Dibromofluoromethane (S)	116	%	85-115		1		11/07/09 06:16	1868-53-7	S2
1,2-Dichloroethane-d4 (S)	99	%	79-120		1		11/07/09 06:16	17060-07-0	
Toluene-d8 (S)	95	%	70-120		1		11/07/09 06:16	2037-26-5	

Sample: TMW-20 **Lab ID: 9256399023** Collected: 10/28/09 09:25 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		11/07/09 06:35	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		11/07/09 06:35	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		11/07/09 06:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/07/09 06:35	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		11/07/09 06:35	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		11/07/09 06:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		11/07/09 06:35	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		11/07/09 06:35	75-15-0	
Carbon tetrachloride	**82.1**	ug/L	1.0	0.25	1		11/07/09 06:35	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		11/07/09 06:35	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		11/07/09 06:35	75-00-3	
Chloroform	**63.7**	ug/L	5.0	0.14	1		11/07/09 06:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/07/09 06:35	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		11/07/09 06:35	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		11/07/09 06:35	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		11/07/09 06:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/07/09 06:35	106-93-4	
1,2-Dichlorobenzene	**45.3**	ug/L	5.0	0.30	1		11/07/09 06:35	95-50-1	
1,3-Dichlorobenzene	**1.0**	ug/L	1.0	0.24	1		11/07/09 06:35	541-73-1	
1,4-Dichlorobenzene	**4.5**	ug/L	1.0	0.33	1		11/07/09 06:35	106-46-7	
Dichlorodifluoromethane	**1.5**	ug/L	1.0	0.21	1		11/07/09 06:35	75-71-8	
1,1-Dichloroethane	**180**	ug/L	5.0	0.32	1		11/07/09 06:35	75-34-3	
1,2-Dichloroethane	**5.6**	ug/L	1.0	0.12	1		11/07/09 06:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		11/07/09 06:35	75-35-4	
cis-1,2-Dichloroethene	**524**	ug/L	5.0	0.19	1		11/07/09 06:35	156-59-2	E
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		11/07/09 06:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/07/09 06:35	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/07/09 06:35	10061-01-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: TMW-20 **Lab ID: 9256399023** Collected: 10/28/09 09:25 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/07/09 06:35	10061-02-6	
1,4-Dioxane (p-Dioxane)	**332**	ug/L	150	78.4	1		11/07/09 06:35	123-91-1	
Ethylbenzene	**24.7**	ug/L	1.0	0.30	1		11/07/09 06:35	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		11/07/09 06:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		11/07/09 06:35	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		11/07/09 06:35	79-20-9	
Methylcyclohexane	**22.1**	ug/L	10.0	1.9	1		11/07/09 06:35	108-87-2	
Methylene Chloride	**21.9**	ug/L	2.0	0.97	1		11/07/09 06:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		11/07/09 06:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		11/07/09 06:35	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		11/07/09 06:35	100-42-5	
1,1,2,2-Tetrachloroethane	**3.3**	ug/L	3.0	0.40	1		11/07/09 06:35	79-34-5	
Tetrachloroethene	**27400**	ug/L	500	230	500		11/08/09 17:01	127-18-4	
Toluene	**47.8**	ug/L	1.0	0.26	1		11/07/09 06:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 06:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		11/07/09 06:35	120-82-1	
1,1,1-Trichloroethane	**714**	ug/L	500	240	500		11/08/09 17:01	71-55-6	
1,1,2-Trichloroethane	**10.6**	ug/L	1.0	0.29	1		11/07/09 06:35	79-00-5	
Trichloroethene	**1210**	ug/L	500	235	500		11/08/09 17:01	79-01-6	
Trichlorofluoromethane	**232**	ug/L	1.0	0.20	1		11/07/09 06:35	75-69-4	E
1,1,2-Trichlorotrifluoroethane	**1180**	ug/L	500	95.0	500		11/08/09 17:01	76-13-1	
Vinyl chloride	**35.8**	ug/L	1.0	0.62	1		11/07/09 06:35	75-01-4	
m&p-Xylene	**76.3**	ug/L	2.0	0.66	1		11/07/09 06:35	1330-20-7	
o-Xylene	**47.9**	ug/L	1.0	0.23	1		11/07/09 06:35	95-47-6	
4-Bromofluorobenzene (S)	105	%	87-109		1		11/07/09 06:35	460-00-4	
Dibromofluoromethane (S)	124	%	85-115		1		11/07/09 06:35	1868-53-7	S2
1,2-Dichloroethane-d4 (S)	101	%	79-120		1		11/07/09 06:35	17060-07-0	
Toluene-d8 (S)	83	%	70-120		1		11/07/09 06:35	2037-26-5	

Sample: TMW-28 **Lab ID: 9256399024** Collected: 10/28/09 13:20 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		11/08/09 14:49	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		11/08/09 14:49	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		11/08/09 14:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/08/09 14:49	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		11/08/09 14:49	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		11/08/09 14:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		11/08/09 14:49	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		11/08/09 14:49	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/08/09 14:49	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		11/08/09 14:49	108-90-7	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: TMW-28 **Lab ID: 9256399024** Collected: 10/28/09 13:20 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Chloroethane	ND	ug/L	10.0	0.54	1		11/08/09 14:49	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		11/08/09 14:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/08/09 14:49	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		11/08/09 14:49	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		11/08/09 14:49	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		11/08/09 14:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/08/09 14:49	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		11/08/09 14:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		11/08/09 14:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/08/09 14:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		11/08/09 14:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		11/08/09 14:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/08/09 14:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		11/08/09 14:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		11/08/09 14:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		11/08/09 14:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/08/09 14:49	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/08/09 14:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/08/09 14:49	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		11/08/09 14:49	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/08/09 14:49	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		11/08/09 14:49	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		11/08/09 14:49	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		11/08/09 14:49	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		11/08/09 14:49	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		11/08/09 14:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		11/08/09 14:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		11/08/09 14:49	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		11/08/09 14:49	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		11/08/09 14:49	79-34-5	
Tetrachloroethene	**1.4**	ug/L	1.0	0.46	1		11/08/09 14:49	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		11/08/09 14:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		11/08/09 14:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		11/08/09 14:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/08/09 14:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/08/09 14:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		11/08/09 14:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		11/08/09 14:49	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		11/08/09 14:49	76-13-1	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/08/09 14:49	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/08/09 14:49	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		11/08/09 14:49	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		11/08/09 14:49	460-00-4	
Dibromofluoromethane (S)	99	%	85-115		1		11/08/09 14:49	1868-53-7	
1,2-Dichloroethane-d4 (S)	93	%	79-120		1		11/08/09 14:49	17060-07-0	
Toluene-d8 (S)	96	%	70-120		1		11/08/09 14:49	2037-26-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: TMW-21 **Lab ID: 9256399025** Collected: 10/28/09 09:45 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		11/07/09 07:13	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		11/07/09 07:13	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		11/07/09 07:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/07/09 07:13	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		11/07/09 07:13	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		11/07/09 07:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		11/07/09 07:13	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		11/07/09 07:13	75-15-0	
Carbon tetrachloride	**88.2**	ug/L	1.0	0.25	1		11/07/09 07:13	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		11/07/09 07:13	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		11/07/09 07:13	75-00-3	
Chloroform	**13.9**	ug/L	5.0	0.14	1		11/07/09 07:13	67-66-3	
Chloromethane	**2.7**	ug/L	1.0	0.11	1		11/07/09 07:13	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		11/07/09 07:13	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		11/07/09 07:13	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		11/07/09 07:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/07/09 07:13	106-93-4	
1,2-Dichlorobenzene	**7.8**	ug/L	5.0	0.30	1		11/07/09 07:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		11/07/09 07:13	541-73-1	
1,4-Dichlorobenzene	**1.4**	ug/L	1.0	0.33	1		11/07/09 07:13	106-46-7	
Dichlorodifluoromethane	**2.1**	ug/L	1.0	0.21	1		11/07/09 07:13	75-71-8	
1,1-Dichloroethane	**131**	ug/L	5.0	0.32	1		11/07/09 07:13	75-34-3	
1,2-Dichloroethane	**4.3**	ug/L	1.0	0.12	1		11/07/09 07:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		11/07/09 07:13	75-35-4	
cis-1,2-Dichloroethene	**292**	ug/L	5.0	0.19	1		11/07/09 07:13	156-59-2	E
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		11/07/09 07:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/07/09 07:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/07/09 07:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/07/09 07:13	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		11/07/09 07:13	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/07/09 07:13	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		11/07/09 07:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		11/07/09 07:13	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		11/07/09 07:13	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		11/07/09 07:13	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		11/07/09 07:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		11/07/09 07:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		11/07/09 07:13	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		11/07/09 07:13	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		11/07/09 07:13	79-34-5	
Tetrachloroethene	**21700**	ug/L	200	92.0	200		11/08/09 17:20	127-18-4	
Toluene	**3.7**	ug/L	1.0	0.26	1		11/07/09 07:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 07:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		11/07/09 07:13	120-82-1	
1,1,1-Trichloroethane	**292**	ug/L	200	96.0	200		11/08/09 17:20	71-55-6	
1,1,2-Trichloroethane	**7.8**	ug/L	1.0	0.29	1		11/07/09 07:13	79-00-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: TMW-21 **Lab ID: 9256399025** Collected: 10/28/09 09:45 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Trichloroethene	**1330**	ug/L	200	94.0	200		11/08/09 17:20	79-01-6	
Trichlorofluoromethane	**131**	ug/L	1.0	0.20	1		11/07/09 07:13	75-69-4	
1,1,2-Trichlorotrifluoroethane	**837**	ug/L	200	38.0	200		11/08/09 17:20	76-13-1	
Vinyl chloride	**14.5**	ug/L	1.0	0.62	1		11/07/09 07:13	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/07/09 07:13	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		11/07/09 07:13	95-47-6	
4-Bromofluorobenzene (S)	106	%	87-109		1		11/07/09 07:13	460-00-4	
Dibromofluoromethane (S)	113	%	85-115		1		11/07/09 07:13	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	79-120		1		11/07/09 07:13	17060-07-0	
Toluene-d8 (S)	95	%	70-120		1		11/07/09 07:13	2037-26-5	

Sample: TMW-22 **Lab ID: 9256399026** Collected: 10/28/09 10:10 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		11/07/09 07:32	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		11/07/09 07:32	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		11/07/09 07:32	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/07/09 07:32	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		11/07/09 07:32	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		11/07/09 07:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		11/07/09 07:32	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		11/07/09 07:32	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/07/09 07:32	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		11/07/09 07:32	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		11/07/09 07:32	75-00-3	
Chloroform	**16.1**	ug/L	5.0	0.14	1		11/07/09 07:32	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/07/09 07:32	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		11/07/09 07:32	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		11/07/09 07:32	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		11/07/09 07:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/07/09 07:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		11/07/09 07:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		11/07/09 07:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 07:32	106-46-7	
Dichlorodifluoromethane	**1.1**	ug/L	1.0	0.21	1		11/07/09 07:32	75-71-8	
1,1-Dichloroethane	**89.6**	ug/L	5.0	0.32	1		11/07/09 07:32	75-34-3	
1,2-Dichloroethane	**1.9**	ug/L	1.0	0.12	1		11/07/09 07:32	107-06-2	
1,1-Dichloroethene	**795**	ug/L	500	56.0	100		11/08/09 17:39	75-35-4	
cis-1,2-Dichloroethene	**215**	ug/L	5.0	0.19	1		11/07/09 07:32	156-59-2	E
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		11/07/09 07:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/07/09 07:32	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/07/09 07:32	10061-01-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: TMW-22 **Lab ID: 9256399026** Collected: 10/28/09 10:10 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/07/09 07:32	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		11/07/09 07:32	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/07/09 07:32	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		11/07/09 07:32	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		11/07/09 07:32	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		11/07/09 07:32	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		11/07/09 07:32	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		11/07/09 07:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		11/07/09 07:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		11/07/09 07:32	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		11/07/09 07:32	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		11/07/09 07:32	79-34-5	
Tetrachloroethene	**2740**	ug/L	100	46.0	100		11/08/09 17:39	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		11/07/09 07:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 07:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		11/07/09 07:32	120-82-1	
1,1,1-Trichloroethane	**26.7**	ug/L	1.0	0.48	1		11/07/09 07:32	71-55-6	
1,1,2-Trichloroethane	**3.0**	ug/L	1.0	0.29	1		11/07/09 07:32	79-00-5	
Trichloroethene	**409**	ug/L	100	47.0	100		11/08/09 17:39	79-01-6	
Trichlorofluoromethane	**28.2**	ug/L	1.0	0.20	1		11/07/09 07:32	75-69-4	
1,1,2-Trichlorotrifluoroethane	**148**	ug/L	100	19.0	100		11/08/09 17:39	76-13-1	
Vinyl chloride	**6.5**	ug/L	1.0	0.62	1		11/07/09 07:32	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/07/09 07:32	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		11/07/09 07:32	95-47-6	
4-Bromofluorobenzene (S)	103	%	87-109		1		11/07/09 07:32	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		11/07/09 07:32	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	79-120		1		11/07/09 07:32	17060-07-0	
Toluene-d8 (S)	97	%	70-120		1		11/07/09 07:32	2037-26-5	

Sample: TMW-23 **Lab ID: 9256399027** Collected: 10/28/09 10:30 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		11/07/09 07:51	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		11/07/09 07:51	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		11/07/09 07:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/07/09 07:51	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		11/07/09 07:51	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		11/07/09 07:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		11/07/09 07:51	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		11/07/09 07:51	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/07/09 07:51	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		11/07/09 07:51	108-90-7	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: TMW-23 **Lab ID: 9256399027** Collected: 10/28/09 10:30 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Chloroethane	ND	ug/L	10.0	0.54	1		11/07/09 07:51	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		11/07/09 07:51	67-66-3	
Chloromethane	**3.0**	ug/L	1.0	0.11	1		11/07/09 07:51	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		11/07/09 07:51	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		11/07/09 07:51	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		11/07/09 07:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/07/09 07:51	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		11/07/09 07:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		11/07/09 07:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 07:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		11/07/09 07:51	75-71-8	
1,1-Dichloroethane	**7.7**	ug/L	5.0	0.32	1		11/07/09 07:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/07/09 07:51	107-06-2	
1,1-Dichloroethene	**113**	ug/L	5.0	0.56	1		11/07/09 07:51	75-35-4	
cis-1,2-Dichloroethene	**237**	ug/L	5.0	0.19	1		11/07/09 07:51	156-59-2	E
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		11/07/09 07:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/07/09 07:51	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/07/09 07:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/07/09 07:51	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		11/07/09 07:51	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/07/09 07:51	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		11/07/09 07:51	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		11/07/09 07:51	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		11/07/09 07:51	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		11/07/09 07:51	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		11/07/09 07:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		11/07/09 07:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		11/07/09 07:51	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		11/07/09 07:51	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		11/07/09 07:51	79-34-5	
Tetrachloroethene	**877**	ug/L	50.0	23.0	50		11/10/09 17:08	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		11/07/09 07:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 07:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		11/07/09 07:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		11/07/09 07:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/07/09 07:51	79-00-5	
Trichloroethene	**246**	ug/L	50.0	23.5	50		11/10/09 17:08	79-01-6	
Trichlorofluoromethane	**1.7**	ug/L	1.0	0.20	1		11/07/09 07:51	75-69-4	
1,1,2-Trichlorotrifluoroethane	**56.0**	ug/L	1.0	0.19	1		11/07/09 07:51	76-13-1	
Vinyl chloride	**1.5**	ug/L	1.0	0.62	1		11/07/09 07:51	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/07/09 07:51	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		11/07/09 07:51	95-47-6	
4-Bromofluorobenzene (S)	104	%	87-109		1		11/07/09 07:51	460-00-4	
Dibromofluoromethane (S)	99	%	85-115		1		11/07/09 07:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	79-120		1		11/07/09 07:51	17060-07-0	
Toluene-d8 (S)	93	%	70-120		1		11/07/09 07:51	2037-26-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: TMW-24 **Lab ID: 9256399028** Collected: 10/28/09 10:55 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		11/07/09 08:10	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		11/07/09 08:10	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		11/07/09 08:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/07/09 08:10	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		11/07/09 08:10	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		11/07/09 08:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		11/07/09 08:10	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		11/07/09 08:10	75-15-0	
Carbon tetrachloride	**3.5**	ug/L	1.0	0.25	1		11/07/09 08:10	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		11/07/09 08:10	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		11/07/09 08:10	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		11/07/09 08:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/07/09 08:10	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		11/07/09 08:10	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		11/07/09 08:10	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		11/07/09 08:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/07/09 08:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		11/07/09 08:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		11/07/09 08:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 08:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		11/07/09 08:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		11/07/09 08:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/07/09 08:10	107-06-2	
1,1-Dichloroethene	**234**	ug/L	5.0	0.56	1		11/07/09 08:10	75-35-4	E
cis-1,2-Dichloroethene	**6.5**	ug/L	5.0	0.19	1		11/07/09 08:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		11/07/09 08:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/07/09 08:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/07/09 08:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/07/09 08:10	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		11/07/09 08:10	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/07/09 08:10	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		11/07/09 08:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		11/07/09 08:10	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		11/07/09 08:10	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		11/07/09 08:10	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		11/07/09 08:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		11/07/09 08:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		11/07/09 08:10	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		11/07/09 08:10	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		11/07/09 08:10	79-34-5	
Tetrachloroethene	**1800**	ug/L	50.0	23.0	50		11/10/09 17:30	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		11/07/09 08:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 08:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		11/07/09 08:10	120-82-1	
1,1,1-Trichloroethane	**23.4**	ug/L	1.0	0.48	1		11/07/09 08:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/07/09 08:10	79-00-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: TMW-24 **Lab ID: 9256399028** Collected: 10/28/09 10:55 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Trichloroethene	**101**	ug/L	1.0	0.47	1		11/07/09 08:10	79-01-6	
Trichlorofluoromethane	**2.7**	ug/L	1.0	0.20	1		11/07/09 08:10	75-69-4	
1,1,2-Trichlorotrifluoroethane	**493**	ug/L	50.0	9.5	50		11/10/09 17:30	76-13-1	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/07/09 08:10	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		11/07/09 08:10	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		11/07/09 08:10	95-47-6	
4-Bromofluorobenzene (S)	104	%	87-109		1		11/07/09 08:10	460-00-4	
Dibromofluoromethane (S)	109	%	85-115		1		11/07/09 08:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	79-120		1		11/07/09 08:10	17060-07-0	
Toluene-d8 (S)	98	%	70-120		1		11/07/09 08:10	2037-26-5	

Sample: TMW-25 **Lab ID: 9256399029** Collected: 10/28/09 11:25 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		11/07/09 08:29	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		11/07/09 08:29	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		11/07/09 08:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		11/07/09 08:29	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		11/07/09 08:29	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		11/07/09 08:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		11/07/09 08:29	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		11/07/09 08:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		11/07/09 08:29	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		11/07/09 08:29	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		11/07/09 08:29	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		11/07/09 08:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		11/07/09 08:29	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		11/07/09 08:29	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		11/07/09 08:29	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		11/07/09 08:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		11/07/09 08:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		11/07/09 08:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		11/07/09 08:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 08:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		11/07/09 08:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		11/07/09 08:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/07/09 08:29	107-06-2	
1,1-Dichloroethene	**356**	ug/L	250	28.0	50		11/10/09 17:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		11/07/09 08:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		11/07/09 08:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		11/07/09 08:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		11/07/09 08:29	10061-01-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: TMW-25 **Lab ID: 9256399029** Collected: 10/28/09 11:25 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		11/07/09 08:29	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		11/07/09 08:29	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		11/07/09 08:29	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		11/07/09 08:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		11/07/09 08:29	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		11/07/09 08:29	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		11/07/09 08:29	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		11/07/09 08:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		11/07/09 08:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		11/07/09 08:29	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		11/07/09 08:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		11/07/09 08:29	79-34-5	
Tetrachloroethene	**2170**	ug/L	50.0	23.0	50		11/10/09 17:52	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		11/07/09 08:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		11/07/09 08:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		11/07/09 08:29	120-82-1	
1,1,1-Trichloroethane	**75.0**	ug/L	1.0	0.48	1		11/07/09 08:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		11/07/09 08:29	79-00-5	
Trichloroethene	**174**	ug/L	1.0	0.47	1		11/07/09 08:29	79-01-6	
Trichlorofluoromethane	**4.4**	ug/L	1.0	0.20	1		11/07/09 08:29	75-69-4	
1,1,2-Trichlorotrifluoroethane	**627**	ug/L	50.0	9.5	50		11/10/09 17:52	76-13-1	
Vinyl chloride	ND	ug/L	1.0	0.62	1		11/07/09 08:29	75-01-4	
m&p-Xylene	**8.1**	ug/L	2.0	0.66	1		11/07/09 08:29	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		11/07/09 08:29	95-47-6	
4-Bromofluorobenzene (S)	108	%	87-109		1		11/07/09 08:29	460-00-4	
Dibromofluoromethane (S)	105	%	85-115		1		11/07/09 08:29	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	79-120		1		11/07/09 08:29	17060-07-0	
Toluene-d8 (S)	98	%	70-120		1		11/07/09 08:29	2037-26-5	

Sample: TMW-26 **Lab ID: 9256399030** Collected: 10/28/09 12:00 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	500	10.8	5		11/10/09 14:58	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		11/10/09 14:58	71-43-2	
Bromochloromethane	ND	ug/L	15.0	0.85	5		11/10/09 14:58	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		11/10/09 14:58	75-27-4	
Bromoform	ND	ug/L	15.0	1.3	5		11/10/09 14:58	75-25-2	
Bromomethane	ND	ug/L	50.0	1.4	5		11/10/09 14:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	500	4.8	5		11/10/09 14:58	78-93-3	
Carbon disulfide	ND	ug/L	500	5.8	5		11/10/09 14:58	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		11/10/09 14:58	56-23-5	
Chlorobenzene	ND	ug/L	15.0	1.2	5		11/10/09 14:58	108-90-7	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: TMW-26 **Lab ID: 9256399030** Collected: 10/28/09 12:00 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Chloroethane	ND	ug/L	50.0	2.7	5		11/10/09 14:58	75-00-3	
Chloroform	ND	ug/L	25.0	0.70	5		11/10/09 14:58	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		11/10/09 14:58	74-87-3	
Cyclohexane	ND	ug/L	5.0	1.8	5		11/10/09 14:58	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	65.0	12.6	5		11/10/09 14:58	96-12-8	
Dibromochloromethane	ND	ug/L	15.0	1.0	5		11/10/09 14:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		11/10/09 14:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	25.0	1.5	5		11/10/09 14:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		11/10/09 14:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		11/10/09 14:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		11/10/09 14:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	1.6	5		11/10/09 14:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		11/10/09 14:58	107-06-2	
1,1-Dichloroethene	**40.0**	ug/L	25.0	2.8	5		11/10/09 14:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	25.0	0.95	5		11/10/09 14:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	2.4	5		11/10/09 14:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		11/10/09 14:58	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		11/10/09 14:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		11/10/09 14:58	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	750	392	5		11/10/09 14:58	123-91-1	
Ethylbenzene	ND	ug/L	5.0	1.5	5		11/10/09 14:58	100-41-4	
2-Hexanone	ND	ug/L	250	2.3	5		11/10/09 14:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		11/10/09 14:58	98-82-8	
Methyl acetate	ND	ug/L	50.0	4.1	5		11/10/09 14:58	79-20-9	
Methylcyclohexane	ND	ug/L	50.0	9.4	5		11/10/09 14:58	108-87-2	
Methylene Chloride	ND	ug/L	10.0	4.8	5		11/10/09 14:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	500	1.6	5		11/10/09 14:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		11/10/09 14:58	1634-04-4	
Styrene	ND	ug/L	5.0	1.3	5		11/10/09 14:58	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	15.0	2.0	5		11/10/09 14:58	79-34-5	
Tetrachloroethene	**487**	ug/L	5.0	2.3	5		11/10/09 14:58	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		11/10/09 14:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		11/10/09 14:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		11/10/09 14:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		11/10/09 14:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		11/10/09 14:58	79-00-5	
Trichloroethene	**12.3**	ug/L	5.0	2.4	5		11/10/09 14:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		11/10/09 14:58	75-69-4	
1,1,2-Trichlorotrifluoroethane	**122**	ug/L	5.0	0.95	5		11/10/09 14:58	76-13-1	
Vinyl chloride	ND	ug/L	5.0	3.1	5		11/10/09 14:58	75-01-4	
m&p-Xylene	ND	ug/L	10.0	3.3	5		11/10/09 14:58	1330-20-7	
o-Xylene	ND	ug/L	5.0	1.2	5		11/10/09 14:58	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		5		11/10/09 14:58	460-00-4	
Dibromofluoromethane (S)	103	%	85-115		5		11/10/09 14:58	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	79-120		5		11/10/09 14:58	17060-07-0	
Toluene-d8 (S)	99	%	70-120		5		11/10/09 14:58	2037-26-5	

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ANALYTICAL RESULTS

Project: EATON SELMA 6010
Pace Project No.: 9256399

Sample: IDW-GW **Lab ID: 9256399031** Collected: 10/28/09 12:05 Received: 10/29/09 15:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1311; 11/03/09 16:15								
Arsenic	ND	mg/L	0.025	0.014	1	11/05/09 10:30	11/05/09 17:35	7440-38-2	
Barium	**0.12**	mg/L	0.025	0.0010	1	11/05/09 10:30	11/05/09 17:35	7440-39-3	
Cadmium	ND	mg/L	0.0050	0.0025	1	11/05/09 10:30	11/05/09 17:35	7440-43-9	
Chromium	ND	mg/L	0.025	0.0020	1	11/05/09 10:30	11/05/09 17:35	7440-47-3	
Lead	ND	mg/L	0.025	0.020	1	11/05/09 10:30	11/05/09 17:35	7439-92-1	
Selenium	ND	mg/L	0.050	0.019	1	11/05/09 10:30	11/05/09 17:35	7782-49-2	
Silver	ND	mg/L	0.025	0.00050	1	11/05/09 10:30	11/05/09 17:35	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Leachate Method/Date: EPA 1311; 11/03/09 16:15								
Mercury	ND	ug/L	0.20	0.090	1	11/05/09 10:55	11/06/09 11:19	7439-97-6	
8260 MSV TCLP	Analytical Method: EPA 8260								
Benzene	ND	ug/L	200	48.0	40		11/12/09 13:34	71-43-2	
2-Butanone (MEK)	ND	ug/L	400	112	40		11/12/09 13:34	78-93-3	
Carbon tetrachloride	ND	ug/L	200	108	40		11/12/09 13:34	56-23-5	
Chlorobenzene	ND	ug/L	200	40.0	40		11/12/09 13:34	108-90-7	
Chloroform	ND	ug/L	200	80.0	40		11/12/09 13:34	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	200	48.0	40		11/12/09 13:34	106-46-7	
1,2-Dichloroethane	ND	ug/L	200	52.0	40		11/12/09 13:34	107-06-2	
1,1-Dichloroethene	**370**	ug/L	200	136	40		11/12/09 13:34	75-35-4	
Tetrachloroethene	**2530**	ug/L	200	76.0	40		11/12/09 13:34	127-18-4	
Trichloroethene	ND	ug/L	200	40.0	40		11/12/09 13:34	79-01-6	
Vinyl chloride	ND	ug/L	200	76.0	40		11/12/09 13:34	75-01-4	
1,2-Dichloroethane-d4 (S)	102	%	79-120		40		11/12/09 13:34	17060-07-0	
Toluene-d8 (S)	99	%	70-120		40		11/12/09 13:34	2037-26-5	
4-Bromofluorobenzene (S)	103	%	87-109		40		11/12/09 13:34	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		40		11/12/09 13:34	1868-53-7	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

QC Batch: MSV/8918 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 9256399001, 9256399002, 9256399011, 9256399012, 9256399013, 9256399014

METHOD BLANK: 362053 Matrix: Solid
Associated Lab Samples: 9256399001, 9256399002, 9256399011, 9256399012, 9256399013, 9256399014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	11/05/09 23:30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	11/05/09 23:30	
1,1,2-Trichloroethane	ug/kg	ND	5.0	11/05/09 23:30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	11/05/09 23:30	
1,1-Dichloroethane	ug/kg	ND	5.0	11/05/09 23:30	
1,1-Dichloroethene	ug/kg	ND	5.0	11/05/09 23:30	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	11/05/09 23:30	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	11/05/09 23:30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	11/05/09 23:30	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	11/05/09 23:30	
1,2-Dichlorobenzene	ug/kg	ND	5.0	11/05/09 23:30	
1,2-Dichloroethane	ug/kg	ND	5.0	11/05/09 23:30	
1,2-Dichloropropane	ug/kg	ND	5.0	11/05/09 23:30	
1,3-Dichlorobenzene	ug/kg	ND	5.0	11/05/09 23:30	
1,4-Dichlorobenzene	ug/kg	ND	5.0	11/05/09 23:30	
1,4-Dioxane (p-Dioxane)	ug/kg	ND	150	11/05/09 23:30	
2-Butanone (MEK)	ug/kg	ND	100	11/05/09 23:30	
2-Hexanone	ug/kg	ND	50.0	11/05/09 23:30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	11/05/09 23:30	
Acetone	ug/kg	ND	100	11/05/09 23:30	
Benzene	ug/kg	ND	5.0	11/05/09 23:30	
Bromochloromethane	ug/kg	ND	5.0	11/05/09 23:30	
Bromodichloromethane	ug/kg	ND	5.0	11/05/09 23:30	
Bromoform	ug/kg	ND	5.0	11/05/09 23:30	
Bromomethane	ug/kg	ND	10.0	11/05/09 23:30	
Carbon disulfide	ug/kg	ND	10.0	11/05/09 23:30	
Carbon tetrachloride	ug/kg	ND	5.0	11/05/09 23:30	
Chlorobenzene	ug/kg	ND	5.0	11/05/09 23:30	
Chloroethane	ug/kg	ND	10.0	11/05/09 23:30	
Chloroform	ug/kg	ND	5.0	11/05/09 23:30	
Chloromethane	ug/kg	ND	10.0	11/05/09 23:30	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	11/05/09 23:30	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	11/05/09 23:30	
Cyclohexane	ug/kg	ND	5.0	11/05/09 23:30	
Dibromochloromethane	ug/kg	ND	5.0	11/05/09 23:30	
Dichlorodifluoromethane	ug/kg	ND	10.0	11/05/09 23:30	
Ethylbenzene	ug/kg	ND	5.0	11/05/09 23:30	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	11/05/09 23:30	
m&p-Xylene	ug/kg	ND	10.0	11/05/09 23:30	
Methyl acetate	ug/kg	ND	10.0	11/05/09 23:30	
Methyl-tert-butyl ether	ug/kg	ND	5.0	11/05/09 23:30	
Methylcyclohexane	ug/kg	ND	10.0	11/05/09 23:30	
Methylene Chloride	ug/kg	ND	20.0	11/05/09 23:30	

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(704)875-9092

QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

METHOD BLANK: 362053 Matrix: Solid

Associated Lab Samples: 9256399001, 9256399002, 9256399011, 9256399012, 9256399013, 9256399014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
o-Xylene	ug/kg	ND	5.0	11/05/09 23:30	
Styrene	ug/kg	ND	5.0	11/05/09 23:30	
Tetrachloroethene	ug/kg	ND	5.0	11/05/09 23:30	
Toluene	ug/kg	ND	5.0	11/05/09 23:30	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	11/05/09 23:30	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	11/05/09 23:30	
Trichloroethene	ug/kg	ND	5.0	11/05/09 23:30	
Trichlorofluoromethane	ug/kg	ND	5.0	11/05/09 23:30	
Vinyl chloride	ug/kg	ND	10.0	11/05/09 23:30	
1,2-Dichloroethane-d4 (S)	%	98	69-121	11/05/09 23:30	
4-Bromofluorobenzene (S)	%	100	74-115	11/05/09 23:30	
Dibromofluoromethane (S)	%	96	79-116	11/05/09 23:30	
Toluene-d8 (S)	%	96	88-110	11/05/09 23:30	

LABORATORY CONTROL SAMPLE: 362054

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	60.7	121	70-140	
1,1,2,2-Tetrachloroethane	ug/kg	50	58.0	116	74-133	
1,1,2-Trichloroethane	ug/kg	50	59.3	119	79-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	58.2	116	61-142	
1,1-Dichloroethane	ug/kg	50	57.4	115	72-139	
1,1-Dichloroethene	ug/kg	50	54.0	108	69-154	
1,2,3-Trichlorobenzene	ug/kg	50	46.0	92	71-150	
1,2,4-Trichlorobenzene	ug/kg	50	44.5	89	68-150	
1,2-Dibromo-3-chloropropane	ug/kg	50	56.8	114	65-146	
1,2-Dibromoethane (EDB)	ug/kg	50	60.0	120	77-136	
1,2-Dichlorobenzene	ug/kg	50	53.6	107	75-141	
1,2-Dichloroethane	ug/kg	50	58.9	118	74-134	
1,2-Dichloropropane	ug/kg	50	61.3	123	77-138	
1,3-Dichlorobenzene	ug/kg	50	52.7	105	76-133	
1,4-Dichlorobenzene	ug/kg	50	50.9	102	75-137	
1,4-Dioxane (p-Dioxane)	ug/kg	1000	1360	136	38-151	
2-Butanone (MEK)	ug/kg	100	120	120	61-138	
2-Hexanone	ug/kg	100	127	127	58-159	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	124	124	74-139	
Acetone	ug/kg	100	126	126	58-150	
Benzene	ug/kg	50	57.2	114	71-140	
Bromochloromethane	ug/kg	50	67.7	135	78-133	L0
Bromodichloromethane	ug/kg	50	55.1	110	78-133	
Bromoform	ug/kg	50	54.7	109	74-132	
Bromomethane	ug/kg	50	54.2	108	63-184	
Carbon disulfide	ug/kg	50	53.0	106	53-185	
Carbon tetrachloride	ug/kg	50	53.2	106	73-143	
Chlorobenzene	ug/kg	50	57.7	115	77-137	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

LABORATORY CONTROL SAMPLE: 362054

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/kg	50	55.6	111	68-146	
Chloroform	ug/kg	50	60.9	122	75-137	
Chloromethane	ug/kg	50	58.1	116	54-143	
cis-1,2-Dichloroethene	ug/kg	50	63.6	127	71-143	
cis-1,3-Dichloropropene	ug/kg	50	55.8	112	76-133	
Cyclohexane	ug/kg	50	63.2	126	70-130	
Dibromochloromethane	ug/kg	50	54.7	109	77-131	
Dichlorodifluoromethane	ug/kg	50	51.5	103	36-173	
Ethylbenzene	ug/kg	50	56.4	113	69-141	
Isopropylbenzene (Cumene)	ug/kg	50	55.5	111	77-143	
m&p-Xylene	ug/kg	100	112	112	72-138	
Methyl acetate	ug/kg	50	10.2	20	43-126	L0
Methyl-tert-butyl ether	ug/kg	50	57.9	116	2-138	
Methylcyclohexane	ug/kg	50	55.9	112	70-130	
Methylene Chloride	ug/kg	50	50.4	101	69-136	
o-Xylene	ug/kg	50	56.6	113	74-137	
Styrene	ug/kg	50	56.8	114	76-137	
Tetrachloroethene	ug/kg	50	54.1	108	72-136	
Toluene	ug/kg	50	55.2	110	69-139	
trans-1,2-Dichloroethene	ug/kg	50	53.6	107	72-144	
trans-1,3-Dichloropropene	ug/kg	50	56.2	112	73-135	
Trichloroethene	ug/kg	50	59.1	118	75-136	
Trichlorofluoromethane	ug/kg	50	49.6	99	69-144	
Vinyl chloride	ug/kg	50	52.5	105	61-145	
1,2-Dichloroethane-d4 (S)	%			98	69-121	
4-Bromofluorobenzene (S)	%			98	74-115	
Dibromofluoromethane (S)	%			99	79-116	
Toluene-d8 (S)	%			96	88-110	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

QC Batch: MPRP/5345
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Associated Lab Samples: 9256399003

METHOD BLANK: 362145
Matrix: Water
Associated Lab Samples: 9256399003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.025	11/06/09 05:56	
Barium	mg/L	ND	0.025	11/06/09 05:56	
Cadmium	mg/L	ND	0.0050	11/06/09 05:56	
Chromium	mg/L	ND	0.025	11/06/09 05:56	
Lead	mg/L	ND	0.025	11/06/09 05:56	
Selenium	mg/L	ND	0.050	11/06/09 05:56	
Silver	mg/L	ND	0.025	11/06/09 05:56	

LABORATORY CONTROL SAMPLE: 362146

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	2.5	2.5	100	80-120	
Barium	mg/L	2.5	2.2	88	80-120	
Cadmium	mg/L	2.5	2.2	87	80-120	
Chromium	mg/L	2.5	2.3	90	80-120	
Lead	mg/L	2.5	2.1	83	80-120	
Selenium	mg/L	2.5	2.6	102	80-120	
Silver	mg/L	1.2	1.3	100	80-120	

MATRIX SPIKE SAMPLE: 362147

Parameter	Units	9255979001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	ND	2.5	2.4	95	75-125	
Barium	mg/L	0.44	2.5	2.6	85	75-125	
Cadmium	mg/L	ND	2.5	2.1	82	75-125	
Chromium	mg/L	ND	2.5	2.2	86	75-125	
Lead	mg/L	ND	2.5	2.0	80	75-125	
Selenium	mg/L	ND	2.5	2.4	94	75-125	
Silver	mg/L	ND	1.2	1.2	95	75-125	

SAMPLE DUPLICATE: 362148

Parameter	Units	9255980001 Result	Dup Result	RPD	Max RPD	Qualifiers
Arsenic	mg/L	ND	ND		20	
Barium	mg/L	0.26	0.28	5	20	
Cadmium	mg/L	ND	ND		20	
Chromium	mg/L	ND	.011J		20	
Lead	mg/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

SAMPLE DUPLICATE: 362148

Parameter	Units	9255980001 Result	Dup Result	RPD	Max RPD	Qualifiers
Selenium	mg/L	ND	ND		20	
Silver	mg/L	ND	.00084J		20	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

QC Batch: MSV/8912 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 9256399004, 9256399005, 9256399006, 9256399007, 9256399008

METHOD BLANK: 361839 Matrix: Solid
Associated Lab Samples: 9256399004, 9256399005, 9256399006, 9256399007, 9256399008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	11/05/09 11:38	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	11/05/09 11:38	
1,1,2-Trichloroethane	ug/kg	ND	5.0	11/05/09 11:38	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	11/05/09 11:38	
1,1-Dichloroethane	ug/kg	ND	5.0	11/05/09 11:38	
1,1-Dichloroethene	ug/kg	ND	5.0	11/05/09 11:38	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	11/05/09 11:38	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	11/05/09 11:38	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	11/05/09 11:38	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	11/05/09 11:38	
1,2-Dichlorobenzene	ug/kg	ND	5.0	11/05/09 11:38	
1,2-Dichloroethane	ug/kg	ND	5.0	11/05/09 11:38	
1,2-Dichloropropane	ug/kg	ND	5.0	11/05/09 11:38	
1,3-Dichlorobenzene	ug/kg	ND	5.0	11/05/09 11:38	
1,4-Dichlorobenzene	ug/kg	ND	5.0	11/05/09 11:38	
1,4-Dioxane (p-Dioxane)	ug/kg	ND	150	11/05/09 11:38	
2-Butanone (MEK)	ug/kg	ND	100	11/05/09 11:38	
2-Hexanone	ug/kg	ND	50.0	11/05/09 11:38	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	11/05/09 11:38	
Acetone	ug/kg	ND	100	11/05/09 11:38	
Benzene	ug/kg	ND	5.0	11/05/09 11:38	
Bromochloromethane	ug/kg	ND	5.0	11/05/09 11:38	
Bromodichloromethane	ug/kg	ND	5.0	11/05/09 11:38	
Bromoform	ug/kg	ND	5.0	11/05/09 11:38	
Bromomethane	ug/kg	ND	10.0	11/05/09 11:38	
Carbon disulfide	ug/kg	ND	10.0	11/05/09 11:38	
Carbon tetrachloride	ug/kg	ND	5.0	11/05/09 11:38	
Chlorobenzene	ug/kg	ND	5.0	11/05/09 11:38	
Chloroethane	ug/kg	ND	10.0	11/05/09 11:38	
Chloroform	ug/kg	ND	5.0	11/05/09 11:38	
Chloromethane	ug/kg	ND	10.0	11/05/09 11:38	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	11/05/09 11:38	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	11/05/09 11:38	
Cyclohexane	ug/kg	ND	5.0	11/05/09 11:38	
Dibromochloromethane	ug/kg	ND	5.0	11/05/09 11:38	
Dichlorodifluoromethane	ug/kg	ND	10.0	11/05/09 11:38	
Ethylbenzene	ug/kg	ND	5.0	11/05/09 11:38	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	11/05/09 11:38	
m&p-Xylene	ug/kg	ND	10.0	11/05/09 11:38	
Methyl acetate	ug/kg	ND	10.0	11/05/09 11:38	
Methyl-tert-butyl ether	ug/kg	ND	5.0	11/05/09 11:38	
Methylcyclohexane	ug/kg	ND	10.0	11/05/09 11:38	
Methylene Chloride	ug/kg	ND	20.0	11/05/09 11:38	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

METHOD BLANK: 361839 Matrix: Solid

Associated Lab Samples: 9256399004, 9256399005, 9256399006, 9256399007, 9256399008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
o-Xylene	ug/kg	ND	5.0	11/05/09 11:38	
Styrene	ug/kg	ND	5.0	11/05/09 11:38	
Tetrachloroethene	ug/kg	ND	5.0	11/05/09 11:38	
Toluene	ug/kg	ND	5.0	11/05/09 11:38	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	11/05/09 11:38	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	11/05/09 11:38	
Trichloroethene	ug/kg	ND	5.0	11/05/09 11:38	
Trichlorofluoromethane	ug/kg	ND	5.0	11/05/09 11:38	
Vinyl chloride	ug/kg	ND	10.0	11/05/09 11:38	
1,2-Dichloroethane-d4 (S)	%	95	69-121	11/05/09 11:38	
4-Bromofluorobenzene (S)	%	101	74-115	11/05/09 11:38	
Dibromofluoromethane (S)	%	101	79-116	11/05/09 11:38	
Toluene-d8 (S)	%	100	88-110	11/05/09 11:38	

LABORATORY CONTROL SAMPLE: 361840

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	50.6	101	70-140	
1,1,2,2-Tetrachloroethane	ug/kg	50	56.7	113	74-133	
1,1,2-Trichloroethane	ug/kg	50	56.6	113	79-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	54.7	109	61-142	
1,1-Dichloroethane	ug/kg	50	50.2	100	72-139	
1,1-Dichloroethene	ug/kg	50	56.5	113	69-154	
1,2,3-Trichlorobenzene	ug/kg	50	53.2	106	71-150	
1,2,4-Trichlorobenzene	ug/kg	50	53.9	108	68-150	
1,2-Dibromo-3-chloropropane	ug/kg	50	51.2	102	65-146	
1,2-Dibromoethane (EDB)	ug/kg	50	57.3	115	77-136	
1,2-Dichlorobenzene	ug/kg	50	54.1	108	75-141	
1,2-Dichloroethane	ug/kg	50	53.4	107	74-134	
1,2-Dichloropropane	ug/kg	50	55.8	112	77-138	
1,3-Dichlorobenzene	ug/kg	50	54.2	108	76-133	
1,4-Dichlorobenzene	ug/kg	50	53.0	106	75-137	
1,4-Dioxane (p-Dioxane)	ug/kg	1000	1140	114	38-151	
2-Butanone (MEK)	ug/kg	100	103	103	61-138	
2-Hexanone	ug/kg	100	115	115	58-159	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	113	113	74-139	
Acetone	ug/kg	100	108	108	58-150	
Benzene	ug/kg	50	51.8	104	71-140	
Bromochloromethane	ug/kg	50	56.9	114	78-133	
Bromodichloromethane	ug/kg	50	48.6	97	78-133	
Bromoform	ug/kg	50	54.9	110	74-132	
Bromomethane	ug/kg	50	55.2	110	63-184	
Carbon disulfide	ug/kg	50	54.2	108	53-185	
Carbon tetrachloride	ug/kg	50	51.8	104	73-143	
Chlorobenzene	ug/kg	50	57.5	115	77-137	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

LABORATORY CONTROL SAMPLE: 361840

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/kg	50	52.1	104	68-146	
Chloroform	ug/kg	50	52.1	104	75-137	
Chloromethane	ug/kg	50	53.5	107	54-143	
cis-1,2-Dichloroethene	ug/kg	50	56.6	113	71-143	
cis-1,3-Dichloropropene	ug/kg	50	53.5	107	76-133	
Cyclohexane	ug/kg	50	49.8	100	70-130	
Dibromochloromethane	ug/kg	50	52.2	104	77-131	
Dichlorodifluoromethane	ug/kg	50	49.4	99	36-173	
Ethylbenzene	ug/kg	50	56.6	113	69-141	
Isopropylbenzene (Cumene)	ug/kg	50	58.6	117	77-143	
m&p-Xylene	ug/kg	100	114	114	72-138	
Methyl acetate	ug/kg	50	55.5	111	43-126	
Methyl-tert-butyl ether	ug/kg	50	49.8	100	2-138	
Methylcyclohexane	ug/kg	50	53.6	107	70-130	
Methylene Chloride	ug/kg	50	44.8	90	69-136	
o-Xylene	ug/kg	50	57.0	114	74-137	
Styrene	ug/kg	50	59.2	118	76-137	
Tetrachloroethene	ug/kg	50	55.4	111	72-136	
Toluene	ug/kg	50	52.8	106	69-139	
trans-1,2-Dichloroethene	ug/kg	50	50.2	100	72-144	
trans-1,3-Dichloropropene	ug/kg	50	54.8	110	73-135	
Trichloroethene	ug/kg	50	54.9	110	75-136	
Trichlorofluoromethane	ug/kg	50	52.0	104	69-144	
Vinyl chloride	ug/kg	50	49.0	98	61-145	
1,2-Dichloroethane-d4 (S)	%			96	69-121	
4-Bromofluorobenzene (S)	%			102	74-115	
Dibromofluoromethane (S)	%			98	79-116	
Toluene-d8 (S)	%			97	88-110	

MATRIX SPIKE SAMPLE: 362487

Parameter	Units	9256476017 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	45	55.1	123	33-158	
Benzene	ug/kg	ND	45	49.6	110	46-143	
Chlorobenzene	ug/kg	ND	45	48.8	109	29-159	
Toluene	ug/kg	ND	45	49.9	111	38-145	
Trichloroethene	ug/kg	ND	45	52.1	116	70-130	
1,2-Dichloroethane-d4 (S)	%				104	69-121	
4-Bromofluorobenzene (S)	%				101	74-115	
Dibromofluoromethane (S)	%				99	79-116	
Toluene-d8 (S)	%				100	88-110	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

SAMPLE DUPLICATE: 362723

Parameter	Units	9256476016 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/kg		ND			
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	2J		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
1,4-Dioxane (p-Dioxane)	ug/kg		ND			
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	22.7J		30	
Benzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon disulfide	ug/kg		ND			
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Cyclohexane	ug/kg		ND			
Dibromochloromethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	
m&p-Xylene	ug/kg	ND	ND		30	
Methyl acetate	ug/kg		ND			
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylcyclohexane	ug/kg		ND			
Methylene Chloride	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

SAMPLE DUPLICATE: 362723

Parameter	Units	9256476016 Result	Dup Result	RPD	Max RPD	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	94	91	4		
4-Bromofluorobenzene (S)	%	96	101	4		
Dibromofluoromethane (S)	%	93	95	1		
Toluene-d8 (S)	%	100	99	2		

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

QC Batch: MSV/8932 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9256399018, 9256399019, 9256399020, 9256399021, 9256399022, 9256399023, 9256399024, 9256399025, 9256399026, 9256399027, 9256399028, 9256399029, 9256399030

METHOD BLANK: 362769 Matrix: Water
Associated Lab Samples: 9256399018, 9256399019, 9256399020, 9256399021, 9256399022, 9256399023, 9256399024, 9256399025, 9256399026, 9256399027, 9256399028, 9256399029, 9256399030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/07/09 03:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	3.0	11/07/09 03:27	
1,1,2-Trichloroethane	ug/L	ND	1.0	11/07/09 03:27	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	11/07/09 03:27	
1,1-Dichloroethane	ug/L	ND	5.0	11/07/09 03:27	
1,1-Dichloroethene	ug/L	ND	5.0	11/07/09 03:27	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	11/07/09 03:27	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	11/07/09 03:27	
1,2-Dibromo-3-chloropropane	ug/L	ND	13.0	11/07/09 03:27	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	11/07/09 03:27	
1,2-Dichlorobenzene	ug/L	ND	5.0	11/07/09 03:27	
1,2-Dichloroethane	ug/L	ND	1.0	11/07/09 03:27	
1,2-Dichloropropane	ug/L	ND	1.0	11/07/09 03:27	
1,3-Dichlorobenzene	ug/L	ND	1.0	11/07/09 03:27	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/07/09 03:27	
1,4-Dioxane (p-Dioxane)	ug/L	ND	150	11/07/09 03:27	
2-Butanone (MEK)	ug/L	ND	100	11/07/09 03:27	
2-Hexanone	ug/L	ND	50.0	11/07/09 03:27	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	11/07/09 03:27	
Acetone	ug/L	ND	100	11/07/09 03:27	
Benzene	ug/L	ND	1.0	11/07/09 03:27	
Bromochloromethane	ug/L	ND	3.0	11/07/09 03:27	
Bromodichloromethane	ug/L	ND	1.0	11/07/09 03:27	
Bromoform	ug/L	ND	3.0	11/07/09 03:27	
Bromomethane	ug/L	ND	10.0	11/07/09 03:27	
Carbon disulfide	ug/L	ND	100	11/07/09 03:27	
Carbon tetrachloride	ug/L	ND	1.0	11/07/09 03:27	
Chlorobenzene	ug/L	ND	3.0	11/07/09 03:27	
Chloroethane	ug/L	ND	10.0	11/07/09 03:27	
Chloroform	ug/L	ND	5.0	11/07/09 03:27	
Chloromethane	ug/L	ND	1.0	11/07/09 03:27	
cis-1,2-Dichloroethene	ug/L	ND	5.0	11/07/09 03:27	
cis-1,3-Dichloropropene	ug/L	ND	1.0	11/07/09 03:27	
Cyclohexane	ug/L	ND	1.0	11/07/09 03:27	
Dibromochloromethane	ug/L	ND	3.0	11/07/09 03:27	
Dichlorodifluoromethane	ug/L	ND	1.0	11/07/09 03:27	
Ethylbenzene	ug/L	ND	1.0	11/07/09 03:27	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	11/07/09 03:27	
m&p-Xylene	ug/L	ND	2.0	11/07/09 03:27	
Methyl acetate	ug/L	ND	10.0	11/07/09 03:27	
Methyl-tert-butyl ether	ug/L	ND	1.0	11/07/09 03:27	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

METHOD BLANK: 362769 Matrix: Water

Associated Lab Samples: 9256399018, 9256399019, 9256399020, 9256399021, 9256399022, 9256399023, 9256399024, 9256399025, 9256399026, 9256399027, 9256399028, 9256399029, 9256399030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methylcyclohexane	ug/L	ND	10.0	11/07/09 03:27	
Methylene Chloride	ug/L	ND	2.0	11/07/09 03:27	
o-Xylene	ug/L	ND	1.0	11/07/09 03:27	
Styrene	ug/L	ND	1.0	11/07/09 03:27	
Tetrachloroethene	ug/L	ND	1.0	11/07/09 03:27	
Toluene	ug/L	ND	1.0	11/07/09 03:27	
trans-1,2-Dichloroethene	ug/L	ND	5.0	11/07/09 03:27	
trans-1,3-Dichloropropene	ug/L	ND	1.0	11/07/09 03:27	
Trichloroethene	ug/L	ND	1.0	11/07/09 03:27	
Trichlorofluoromethane	ug/L	ND	1.0	11/07/09 03:27	
Vinyl chloride	ug/L	ND	1.0	11/07/09 03:27	
1,2-Dichloroethane-d4 (S)	%	95	79-120	11/07/09 03:27	
4-Bromofluorobenzene (S)	%	99	87-109	11/07/09 03:27	
Dibromofluoromethane (S)	%	96	85-115	11/07/09 03:27	
Toluene-d8 (S)	%	101	70-120	11/07/09 03:27	

LABORATORY CONTROL SAMPLE: 362770

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.6	107	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	51.9	104	73-127	
1,1,2-Trichloroethane	ug/L	50	49.9	100	77-123	
1,1,2-Trichlorotrifluoroethane	ug/L	50	56.6	113	69-140	
1,1-Dichloroethane	ug/L	50	54.3	109	76-129	
1,1-Dichloroethene	ug/L	50	59.2	118	78-146	
1,2,3-Trichlorobenzene	ug/L	50	57.8	116	70-150	
1,2,4-Trichlorobenzene	ug/L	50	56.8	114	68-127	
1,2-Dibromo-3-chloropropane	ug/L	50	55.9	112	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	55.5	111	81-125	
1,2-Dichlorobenzene	ug/L	50	54.8	110	82-126	
1,2-Dichloroethane	ug/L	50	52.3	105	72-126	
1,2-Dichloropropane	ug/L	50	49.5	99	80-127	
1,3-Dichlorobenzene	ug/L	50	55.3	111	82-124	
1,4-Dichlorobenzene	ug/L	50	53.4	107	79-125	
1,4-Dioxane (p-Dioxane)	ug/L	1000	1090	109	50-150	
2-Butanone (MEK)	ug/L	100	112	112	50-134	
2-Hexanone	ug/L	100	119	119	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	108	108	70-131	
Acetone	ug/L	100	131	131	50-146	
Benzene	ug/L	50	47.6	95	78-128	
Bromochloromethane	ug/L	50	48.5	97	73-124	
Bromodichloromethane	ug/L	50	47.1	94	81-125	
Bromoform	ug/L	50	49.3	99	71-125	
Bromomethane	ug/L	50	55.6	111	50-150	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

LABORATORY CONTROL SAMPLE: 362770

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon disulfide	ug/L	50	56.2J	112	54-150	
Carbon tetrachloride	ug/L	50	53.2	106	81-137	
Chlorobenzene	ug/L	50	52.3	105	82-126	
Chloroethane	ug/L	50	52.3	105	69-140	
Chloroform	ug/L	50	52.8	106	77-129	
Chloromethane	ug/L	50	45.2	90	54-139	
cis-1,2-Dichloroethene	ug/L	50	54.6	109	76-133	
cis-1,3-Dichloropropene	ug/L	50	51.7	103	76-127	
Cyclohexane	ug/L	50	52.1	104	50-150	
Dibromochloromethane	ug/L	50	48.8	98	77-125	
Dichlorodifluoromethane	ug/L	50	51.5	103	50-150	
Ethylbenzene	ug/L	50	52.4	105	80-127	
Isopropylbenzene (Cumene)	ug/L	50	56.5	113	84-135	
m&p-Xylene	ug/L	100	98.5	99	82-127	
Methyl acetate	ug/L	50	54.6	109	50-150	
Methyl-tert-butyl ether	ug/L	50	55.2	110	71-130	
Methylcyclohexane	ug/L	50	53.8	108	50-150	
Methylene Chloride	ug/L	50	49.5	99	67-133	
o-Xylene	ug/L	50	56.8	114	83-124	
Styrene	ug/L	50	50.4	101	80-130	
Tetrachloroethene	ug/L	50	53.8	108	78-128	
Toluene	ug/L	50	47.8	96	76-126	
trans-1,2-Dichloroethene	ug/L	50	52.3	105	78-134	
trans-1,3-Dichloropropene	ug/L	50	49.8	100	75-125	
Trichloroethene	ug/L	50	55.6	111	79-127	
Trichlorofluoromethane	ug/L	50	54.8	110	76-148	
Vinyl chloride	ug/L	50	50.8	102	67-143	
1,2-Dichloroethane-d4 (S)	%			97	79-120	
4-Bromofluorobenzene (S)	%			104	87-109	
Dibromofluoromethane (S)	%			108	85-115	
Toluene-d8 (S)	%			93	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 362771 362772

Parameter	Units	9256461002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	60.4	62.3	121	125	60-150	3	30	
Benzene	ug/L	ND	50	50	47.6	51.9	95	104	74-136	9	30	
Chlorobenzene	ug/L	ND	50	50	50.2	52.0	100	104	79-135	4	30	
Toluene	ug/L	ND	50	50	51.1	50.7	102	101	73-131	1	30	
Trichloroethene	ug/L	ND	50	50	51.6	54.2	103	108	73-131	5	30	
1,2-Dichloroethane-d4 (S)	%						100	97	79-120			
4-Bromofluorobenzene (S)	%						97	98	87-109			
Dibromofluoromethane (S)	%						105	98	85-115			
Toluene-d8 (S)	%						100	93	70-120			

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

QC Batch: MERP/2489
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 9256399003

METHOD BLANK: 362467
Matrix: Water
Associated Lab Samples: 9256399003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/06/09 13:18	

LABORATORY CONTROL SAMPLE: 362468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.6	106	80-120	

MATRIX SPIKE SAMPLE: 362470

Parameter	Units	9256399003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	2.5	4.4	175	75-125	M0

SAMPLE DUPLICATE: 362529

Parameter	Units	9256399003 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	ND	0.34		20	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

QC Batch: MSV/8919
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 9256399003

METHOD BLANK: 362063
Matrix: Water
Associated Lab Samples: 9256399003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	5.0	11/05/09 23:30	
1,2-Dichloroethane	ug/L	ND	5.0	11/05/09 23:30	
1,4-Dichlorobenzene	ug/L	ND	5.0	11/05/09 23:30	
2-Butanone (MEK)	ug/L	ND	10.0	11/05/09 23:30	
Benzene	ug/L	ND	5.0	11/05/09 23:30	
Carbon tetrachloride	ug/L	ND	5.0	11/05/09 23:30	
Chlorobenzene	ug/L	ND	5.0	11/05/09 23:30	
Chloroform	ug/L	ND	5.0	11/05/09 23:30	
Tetrachloroethene	ug/L	ND	5.0	11/05/09 23:30	
Trichloroethene	ug/L	ND	5.0	11/05/09 23:30	
Vinyl chloride	ug/L	ND	5.0	11/05/09 23:30	
1,2-Dichloroethane-d4 (S)	%	98	79-120	11/05/09 23:30	
4-Bromofluorobenzene (S)	%	100	87-109	11/05/09 23:30	
Dibromofluoromethane (S)	%	96	85-115	11/05/09 23:30	
Toluene-d8 (S)	%	96	70-120	11/05/09 23:30	

LABORATORY CONTROL SAMPLE: 362064

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	54.0	108	50-150	
1,2-Dichloroethane	ug/L	50	58.9	118	50-150	
1,4-Dichlorobenzene	ug/L	50	50.9	102	50-150	
2-Butanone (MEK)	ug/L	100	120	120	50-150	
Benzene	ug/L	50	57.2	114	50-150	
Carbon tetrachloride	ug/L	50	53.2	106	50-150	
Chlorobenzene	ug/L	50	57.7	115	50-150	
Chloroform	ug/L	50	60.9	122	50-150	
Tetrachloroethene	ug/L	50	54.1	108	50-150	
Trichloroethene	ug/L	50	59.1	118	50-150	
Vinyl chloride	ug/L	50	52.5	105	50-150	
1,2-Dichloroethane-d4 (S)	%			98	79-120	
4-Bromofluorobenzene (S)	%			98	87-109	
Dibromofluoromethane (S)	%			99	85-115	
Toluene-d8 (S)	%			96	70-120	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

QC Batch: PMST/2848
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 9256399003

SAMPLE DUPLICATE: 358919

Parameter	Units	9256043001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.1	11.1	9	25	

SAMPLE DUPLICATE: 358920

Parameter	Units	9256317006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.4	7.6	3	25	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

QC Batch: MSV/8916
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 9256399009, 9256399010

METHOD BLANK: 362039
Matrix: Solid
Associated Lab Samples: 9256399009, 9256399010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	11/05/09 23:48	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	11/05/09 23:48	
1,1,2-Trichloroethane	ug/kg	ND	5.0	11/05/09 23:48	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	11/05/09 23:48	
1,1-Dichloroethane	ug/kg	ND	5.0	11/05/09 23:48	
1,1-Dichloroethene	ug/kg	ND	5.0	11/05/09 23:48	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	11/05/09 23:48	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	11/05/09 23:48	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	11/05/09 23:48	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	11/05/09 23:48	
1,2-Dichlorobenzene	ug/kg	ND	5.0	11/05/09 23:48	
1,2-Dichloroethane	ug/kg	ND	5.0	11/05/09 23:48	
1,2-Dichloropropane	ug/kg	ND	5.0	11/05/09 23:48	
1,3-Dichlorobenzene	ug/kg	ND	5.0	11/05/09 23:48	
1,4-Dichlorobenzene	ug/kg	ND	5.0	11/05/09 23:48	
1,4-Dioxane (p-Dioxane)	ug/kg	ND	150	11/05/09 23:48	
2-Butanone (MEK)	ug/kg	ND	100	11/05/09 23:48	
2-Hexanone	ug/kg	ND	50.0	11/05/09 23:48	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	11/05/09 23:48	
Acetone	ug/kg	ND	100	11/05/09 23:48	
Benzene	ug/kg	ND	5.0	11/05/09 23:48	
Bromochloromethane	ug/kg	ND	5.0	11/05/09 23:48	
Bromodichloromethane	ug/kg	ND	5.0	11/05/09 23:48	
Bromoform	ug/kg	ND	5.0	11/05/09 23:48	
Bromomethane	ug/kg	ND	10.0	11/05/09 23:48	
Carbon disulfide	ug/kg	ND	10.0	11/05/09 23:48	
Carbon tetrachloride	ug/kg	ND	5.0	11/05/09 23:48	
Chlorobenzene	ug/kg	ND	5.0	11/05/09 23:48	
Chloroethane	ug/kg	ND	10.0	11/05/09 23:48	
Chloroform	ug/kg	ND	5.0	11/05/09 23:48	
Chloromethane	ug/kg	ND	10.0	11/05/09 23:48	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	11/05/09 23:48	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	11/05/09 23:48	
Cyclohexane	ug/kg	ND	5.0	11/05/09 23:48	
Dibromochloromethane	ug/kg	ND	5.0	11/05/09 23:48	
Dichlorodifluoromethane	ug/kg	ND	10.0	11/05/09 23:48	
Ethylbenzene	ug/kg	ND	5.0	11/05/09 23:48	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	11/05/09 23:48	
m&p-Xylene	ug/kg	ND	10.0	11/05/09 23:48	
Methyl acetate	ug/kg	ND	10.0	11/05/09 23:48	
Methyl-tert-butyl ether	ug/kg	ND	5.0	11/05/09 23:48	
Methylcyclohexane	ug/kg	ND	10.0	11/05/09 23:48	
Methylene Chloride	ug/kg	ND	20.0	11/05/09 23:48	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

METHOD BLANK: 362039 Matrix: Solid

Associated Lab Samples: 9256399009, 9256399010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
o-Xylene	ug/kg	ND	5.0	11/05/09 23:48	
Styrene	ug/kg	ND	5.0	11/05/09 23:48	
Tetrachloroethene	ug/kg	ND	5.0	11/05/09 23:48	
Toluene	ug/kg	ND	5.0	11/05/09 23:48	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	11/05/09 23:48	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	11/05/09 23:48	
Trichloroethene	ug/kg	ND	5.0	11/05/09 23:48	
Trichlorofluoromethane	ug/kg	ND	5.0	11/05/09 23:48	
Vinyl chloride	ug/kg	ND	10.0	11/05/09 23:48	
1,2-Dichloroethane-d4 (S)	%	92	69-121	11/05/09 23:48	
4-Bromofluorobenzene (S)	%	97	74-115	11/05/09 23:48	
Dibromofluoromethane (S)	%	93	79-116	11/05/09 23:48	
Toluene-d8 (S)	%	101	88-110	11/05/09 23:48	

LABORATORY CONTROL SAMPLE: 362040

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	57.9	116	70-140	
1,1,2,2-Tetrachloroethane	ug/kg	50	57.4	115	74-133	
1,1,2-Trichloroethane	ug/kg	50	58.3	117	79-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	55.9	112	61-142	
1,1-Dichloroethane	ug/kg	50	55.4	111	72-139	
1,1-Dichloroethene	ug/kg	50	52.6	105	69-154	
1,2,3-Trichlorobenzene	ug/kg	50	44.7	89	71-150	
1,2,4-Trichlorobenzene	ug/kg	50	41.9	84	68-150	
1,2-Dibromo-3-chloropropane	ug/kg	50	54.8	110	65-146	
1,2-Dibromoethane (EDB)	ug/kg	50	58.0	116	77-136	
1,2-Dichlorobenzene	ug/kg	50	51.9	104	75-141	
1,2-Dichloroethane	ug/kg	50	57.0	114	74-134	
1,2-Dichloropropane	ug/kg	50	57.8	116	77-138	
1,3-Dichlorobenzene	ug/kg	50	50.3	101	76-133	
1,4-Dichlorobenzene	ug/kg	50	48.9	98	75-137	
1,4-Dioxane (p-Dioxane)	ug/kg	1000	1350	135	38-151	
2-Butanone (MEK)	ug/kg	100	114	114	61-138	
2-Hexanone	ug/kg	100	121	121	58-159	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	120	120	74-139	
Acetone	ug/kg	100	114	114	58-150	
Benzene	ug/kg	50	55.0	110	71-140	
Bromochloromethane	ug/kg	50	65.6	131	78-133	
Bromodichloromethane	ug/kg	50	52.0	104	78-133	
Bromoform	ug/kg	50	53.6	107	74-132	
Bromomethane	ug/kg	50	51.1	102	63-184	
Carbon disulfide	ug/kg	50	50.5	101	53-185	
Carbon tetrachloride	ug/kg	50	50.8	102	73-143	
Chlorobenzene	ug/kg	50	54.1	108	77-137	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

LABORATORY CONTROL SAMPLE: 362040

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/kg	50	52.3	105	68-146	
Chloroform	ug/kg	50	59.0	118	75-137	
Chloromethane	ug/kg	50	54.3	109	54-143	
cis-1,2-Dichloroethene	ug/kg	50	61.3	123	71-143	
cis-1,3-Dichloropropene	ug/kg	50	54.2	108	76-133	
Cyclohexane	ug/kg	50	60.3	121	70-130	
Dibromochloromethane	ug/kg	50	52.6	105	77-131	
Dichlorodifluoromethane	ug/kg	50	48.2	96	36-173	
Ethylbenzene	ug/kg	50	52.9	106	69-141	
Isopropylbenzene (Cumene)	ug/kg	50	54.1	108	77-143	
m&p-Xylene	ug/kg	100	106	106	72-138	
Methyl acetate	ug/kg	50	10.8	22	43-126	L0
Methyl-tert-butyl ether	ug/kg	50	55.4	111	2-138	
Methylcyclohexane	ug/kg	50	52.8	106	70-130	
Methylene Chloride	ug/kg	50	48.1	96	69-136	
o-Xylene	ug/kg	50	53.1	106	74-137	
Styrene	ug/kg	50	55.0	110	76-137	
Tetrachloroethene	ug/kg	50	51.1	102	72-136	
Toluene	ug/kg	50	52.8	106	69-139	
trans-1,2-Dichloroethene	ug/kg	50	51.7	103	72-144	
trans-1,3-Dichloropropene	ug/kg	50	54.2	108	73-135	
Trichloroethene	ug/kg	50	56.7	113	75-136	
Trichlorofluoromethane	ug/kg	50	47.5	95	69-144	
Vinyl chloride	ug/kg	50	49.2	98	61-145	
1,2-Dichloroethane-d4 (S)	%			97	69-121	
4-Bromofluorobenzene (S)	%			97	74-115	
Dibromofluoromethane (S)	%			98	79-116	
Toluene-d8 (S)	%			97	88-110	

MATRIX SPIKE SAMPLE: 362503

Parameter	Units	9256365004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	40.6	50.5	125	33-158	
Benzene	ug/kg	ND	40.6	38.7	95	46-143	
Chlorobenzene	ug/kg	ND	40.6	40.4	100	29-159	
Toluene	ug/kg	ND	40.6	40.4	100	38-145	
Trichloroethene	ug/kg	ND	40.6	42.3	104	70-130	
1,2-Dichloroethane-d4 (S)	%				104	69-121	
4-Bromofluorobenzene (S)	%				103	74-115	
Dibromofluoromethane (S)	%				95	79-116	
Toluene-d8 (S)	%				100	88-110	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

SAMPLE DUPLICATE: 362510

Parameter	Units	9256305001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/kg		ND			
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
1,4-Dioxane (p-Dioxane)	ug/kg		ND			
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon disulfide	ug/kg		ND			
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Cyclohexane	ug/kg		ND			
Dibromochloromethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	
m&p-Xylene	ug/kg	ND	ND		30	
Methyl acetate	ug/kg		ND			
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylcyclohexane	ug/kg		ND			
Methylene Chloride	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

SAMPLE DUPLICATE: 362510

Parameter	Units	9256305001 Result	Dup Result	RPD	Max RPD	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	92	104	25		
4-Bromofluorobenzene (S)	%	101	103	15		
Dibromofluoromethane (S)	%	99	99	13		
Toluene-d8 (S)	%	97	100	16		

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

QC Batch: PMST/2847
Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 9256399001, 9256399002, 9256399004, 9256399005, 9256399006, 9256399007, 9256399008, 9256399009, 9256399010, 9256399011, 9256399012, 9256399013, 9256399014

SAMPLE DUPLICATE: 358916

Parameter	Units	9256401002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.9	18.6	2	25	

SAMPLE DUPLICATE: 358917

Parameter	Units	9256399014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.9	6.4	8	25	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

QC Batch: MPRP/5341
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Associated Lab Samples: 9256399031

METHOD BLANK: 361310
Matrix: Water
Associated Lab Samples: 9256399031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.025	11/06/09 11:35	
Barium	mg/L	ND	0.025	11/06/09 11:35	
Cadmium	mg/L	ND	0.0050	11/06/09 11:35	
Chromium	mg/L	ND	0.025	11/06/09 11:35	
Lead	mg/L	ND	0.025	11/06/09 11:35	
Selenium	mg/L	ND	0.050	11/06/09 11:35	
Silver	mg/L	ND	0.025	11/06/09 11:35	

LABORATORY CONTROL SAMPLE: 361311

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	2.5	2.6	103	80-120	
Barium	mg/L	2.5	2.3	91	80-120	
Cadmium	mg/L	2.5	2.3	91	80-120	
Chromium	mg/L	2.5	2.3	93	80-120	
Lead	mg/L	2.5	2.2	87	80-120	
Selenium	mg/L	2.5	2.6	105	80-120	
Silver	mg/L	1.2	1.3	103	80-120	

MATRIX SPIKE SAMPLE: 361312

Parameter	Units	9255957001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	ND	2.5	2.5	100	75-125	
Barium	mg/L	0.096	2.5	2.3	88	75-125	
Cadmium	mg/L	ND	2.5	2.2	89	75-125	
Chromium	mg/L	ND	2.5	2.3	92	75-125	
Lead	mg/L	ND	2.5	2.1	85	75-125	
Selenium	mg/L	ND	2.5	2.5	100	75-125	
Silver	mg/L	ND	1.2	1.0	80	75-125	

SAMPLE DUPLICATE: 361728

Parameter	Units	9255982002 Result	Dup Result	RPD	Max RPD	Qualifiers
Arsenic	mg/L	ND	ND		20	
Barium	mg/L	0.077	0.072	6	20	
Cadmium	mg/L	0.0084	0.0078	7	20	
Chromium	mg/L	ND	.0066J		20	
Lead	mg/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

SAMPLE DUPLICATE: 361728

Parameter	Units	9255982002 Result	Dup Result	RPD	Max RPD	Qualifiers
Selenium	mg/L	ND	ND		20	
Silver	mg/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

QC Batch: MERP/2486
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 9256399031

METHOD BLANK: 361698
Matrix: Water
Associated Lab Samples: 9256399031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	11/06/09 11:04	

LABORATORY CONTROL SAMPLE: 361699

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.8	112	80-120	

MATRIX SPIKE SAMPLE: 361700

Parameter	Units	9255982002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	2.5	3.7	147	75-125	M0

SAMPLE DUPLICATE: 361701

Parameter	Units	9256399031 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	ND	.19J		20	

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QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

QC Batch: MSV/8930 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9256399015, 9256399016, 9256399017

METHOD BLANK: 362755 Matrix: Water
Associated Lab Samples: 9256399015, 9256399016, 9256399017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	11/06/09 17:42	
1,1,2,2-Tetrachloroethane	ug/L	ND	3.0	11/06/09 17:42	
1,1,2-Trichloroethane	ug/L	ND	1.0	11/06/09 17:42	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	11/06/09 17:42	
1,1-Dichloroethane	ug/L	ND	5.0	11/06/09 17:42	
1,1-Dichloroethene	ug/L	ND	5.0	11/06/09 17:42	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	11/06/09 17:42	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	11/06/09 17:42	
1,2-Dibromo-3-chloropropane	ug/L	ND	13.0	11/06/09 17:42	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	11/06/09 17:42	
1,2-Dichlorobenzene	ug/L	ND	5.0	11/06/09 17:42	
1,2-Dichloroethane	ug/L	ND	1.0	11/06/09 17:42	
1,2-Dichloropropane	ug/L	ND	1.0	11/06/09 17:42	
1,3-Dichlorobenzene	ug/L	ND	1.0	11/06/09 17:42	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/06/09 17:42	
1,4-Dioxane (p-Dioxane)	ug/L	ND	150	11/06/09 17:42	
2-Butanone (MEK)	ug/L	ND	100	11/06/09 17:42	
2-Hexanone	ug/L	ND	50.0	11/06/09 17:42	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	11/06/09 17:42	
Acetone	ug/L	ND	100	11/06/09 17:42	
Benzene	ug/L	ND	1.0	11/06/09 17:42	
Bromochloromethane	ug/L	ND	3.0	11/06/09 17:42	
Bromodichloromethane	ug/L	ND	1.0	11/06/09 17:42	
Bromoform	ug/L	ND	3.0	11/06/09 17:42	
Bromomethane	ug/L	ND	10.0	11/06/09 17:42	
Carbon disulfide	ug/L	ND	100	11/06/09 17:42	
Carbon tetrachloride	ug/L	ND	1.0	11/06/09 17:42	
Chlorobenzene	ug/L	ND	3.0	11/06/09 17:42	
Chloroethane	ug/L	ND	10.0	11/06/09 17:42	
Chloroform	ug/L	ND	5.0	11/06/09 17:42	
Chloromethane	ug/L	ND	1.0	11/06/09 17:42	
cis-1,2-Dichloroethene	ug/L	ND	5.0	11/06/09 17:42	
cis-1,3-Dichloropropene	ug/L	ND	1.0	11/06/09 17:42	
Cyclohexane	ug/L	ND	1.0	11/06/09 17:42	
Dibromochloromethane	ug/L	ND	3.0	11/06/09 17:42	
Dichlorodifluoromethane	ug/L	ND	1.0	11/06/09 17:42	
Ethylbenzene	ug/L	ND	1.0	11/06/09 17:42	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	11/06/09 17:42	
m&p-Xylene	ug/L	ND	2.0	11/06/09 17:42	
Methyl acetate	ug/L	ND	10.0	11/06/09 17:42	
Methyl-tert-butyl ether	ug/L	ND	1.0	11/06/09 17:42	
Methylcyclohexane	ug/L	ND	10.0	11/06/09 17:42	
Methylene Chloride	ug/L	ND	2.0	11/06/09 17:42	

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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: EATON SELMA 6010
Pace Project No.: 9256399

METHOD BLANK: 362755 Matrix: Water

Associated Lab Samples: 9256399015, 9256399016, 9256399017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
o-Xylene	ug/L	ND	1.0	11/06/09 17:42	
Styrene	ug/L	ND	1.0	11/06/09 17:42	
Tetrachloroethene	ug/L	ND	1.0	11/06/09 17:42	
Toluene	ug/L	ND	1.0	11/06/09 17:42	
trans-1,2-Dichloroethene	ug/L	ND	5.0	11/06/09 17:42	
trans-1,3-Dichloropropene	ug/L	ND	1.0	11/06/09 17:42	
Trichloroethene	ug/L	ND	1.0	11/06/09 17:42	
Trichlorofluoromethane	ug/L	ND	1.0	11/06/09 17:42	
Vinyl chloride	ug/L	ND	1.0	11/06/09 17:42	
1,2-Dichloroethane-d4 (S)	%	102	79-120	11/06/09 17:42	
4-Bromofluorobenzene (S)	%	108	87-109	11/06/09 17:42	
Dibromofluoromethane (S)	%	104	85-115	11/06/09 17:42	
Toluene-d8 (S)	%	91	70-120	11/06/09 17:42	

LABORATORY CONTROL SAMPLE: 362756

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.2	108	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	49.7	99	73-127	
1,1,2-Trichloroethane	ug/L	50	53.3	107	77-123	
1,1,2-Trichlorotrifluoroethane	ug/L	50	60.0	120	69-140	
1,1-Dichloroethane	ug/L	50	54.9	110	76-129	
1,1-Dichloroethene	ug/L	50	59.2	118	78-146	
1,2,3-Trichlorobenzene	ug/L	50	58.3	117	70-150	
1,2,4-Trichlorobenzene	ug/L	50	56.8	114	68-127	
1,2-Dibromo-3-chloropropane	ug/L	50	56.1	112	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	49.3	99	81-125	
1,2-Dichlorobenzene	ug/L	50	53.8	108	82-126	
1,2-Dichloroethane	ug/L	50	55.3	111	72-126	
1,2-Dichloropropane	ug/L	50	53.6	107	80-127	
1,3-Dichlorobenzene	ug/L	50	54.8	110	82-124	
1,4-Dichlorobenzene	ug/L	50	53.1	106	79-125	
1,4-Dioxane (p-Dioxane)	ug/L	1000	1190	119	50-150	
2-Butanone (MEK)	ug/L	100	114	114	50-134	
2-Hexanone	ug/L	100	113	113	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	117	117	70-131	
Acetone	ug/L	100	137	137	50-146	
Benzene	ug/L	50	50.8	102	78-128	
Bromochloromethane	ug/L	50	47.7	95	73-124	
Bromodichloromethane	ug/L	50	52.5	105	81-125	
Bromoform	ug/L	50	47.6	95	71-125	
Bromomethane	ug/L	50	54.1	108	50-150	
Carbon disulfide	ug/L	50	60J	120	54-150	
Carbon tetrachloride	ug/L	50	56.0	112	81-137	
Chlorobenzene	ug/L	50	52.7	105	82-126	

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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: EATON SELMA 6010
Pace Project No.: 9256399

LABORATORY CONTROL SAMPLE: 362756

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	50	49.5	99	69-140	
Chloroform	ug/L	50	51.5	103	77-129	
Chloromethane	ug/L	50	44.4	89	54-139	
cis-1,2-Dichloroethene	ug/L	50	56.3	113	76-133	
cis-1,3-Dichloropropene	ug/L	50	55.5	111	76-127	
Cyclohexane	ug/L	50	55.7	111	50-150	
Dibromochloromethane	ug/L	50	47.1	94	77-125	
Dichlorodifluoromethane	ug/L	50	54.3	109	50-150	
Ethylbenzene	ug/L	50	53.2	106	80-127	
Isopropylbenzene (Cumene)	ug/L	50	55.3	111	84-135	
m&p-Xylene	ug/L	100	96.6	97	82-127	
Methyl acetate	ug/L	50	51.7	103	50-150	
Methyl-tert-butyl ether	ug/L	50	57.9	116	71-130	
Methylcyclohexane	ug/L	50	56.9	114	50-150	
Methylene Chloride	ug/L	50	49.3	99	67-133	
o-Xylene	ug/L	50	53.1	106	83-124	
Styrene	ug/L	50	47.1	94	80-130	
Tetrachloroethene	ug/L	50	52.0	104	78-128	
Toluene	ug/L	50	54.9	110	76-126	
trans-1,2-Dichloroethene	ug/L	50	54.6	109	78-134	
trans-1,3-Dichloropropene	ug/L	50	59.1	118	75-125	
Trichloroethene	ug/L	50	55.9	112	79-127	
Trichlorofluoromethane	ug/L	50	54.1	108	76-148	
Vinyl chloride	ug/L	50	50.4	101	67-143	
1,2-Dichloroethane-d4 (S)	%			99	79-120	
4-Bromofluorobenzene (S)	%			99	87-109	
Dibromofluoromethane (S)	%			101	85-115	
Toluene-d8 (S)	%			105	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 362757 362758

Parameter	Units	9256301004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	67.1	60.7	134	121	60-150	10	30	
Benzene	ug/L	ND	50	50	54.7	51.5	109	103	74-136	6	30	
Chlorobenzene	ug/L	ND	50	50	58.1	53.1	116	106	79-135	9	30	
Toluene	ug/L	ND	50	50	56.3	52.1	113	104	73-131	8	30	
Trichloroethene	ug/L	ND	50	50	57.4	56.9	115	114	73-131	1	30	
1,2-Dichloroethane-d4 (S)	%						104	102	79-120			
4-Bromofluorobenzene (S)	%						106	100	87-109			
Dibromofluoromethane (S)	%						111	101	85-115			
Toluene-d8 (S)	%						100	96	70-120			

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9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: EATON SELMA 6010
Pace Project No.: 9256399

QC Batch: MSV/9002
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 9256399031

METHOD BLANK: 365478
Matrix: Water
Associated Lab Samples: 9256399031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	5.0	11/12/09 11:42	
1,2-Dichloroethane	ug/L	ND	5.0	11/12/09 11:42	
1,4-Dichlorobenzene	ug/L	ND	5.0	11/12/09 11:42	
2-Butanone (MEK)	ug/L	ND	10.0	11/12/09 11:42	
Benzene	ug/L	ND	5.0	11/12/09 11:42	
Carbon tetrachloride	ug/L	ND	5.0	11/12/09 11:42	
Chlorobenzene	ug/L	ND	5.0	11/12/09 11:42	
Chloroform	ug/L	ND	5.0	11/12/09 11:42	
Tetrachloroethene	ug/L	ND	5.0	11/12/09 11:42	
Trichloroethene	ug/L	ND	5.0	11/12/09 11:42	
Vinyl chloride	ug/L	ND	5.0	11/12/09 11:42	
1,2-Dichloroethane-d4 (S)	%	103	79-120	11/12/09 11:42	
4-Bromofluorobenzene (S)	%	108	87-109	11/12/09 11:42	
Dibromofluoromethane (S)	%	103	85-115	11/12/09 11:42	
Toluene-d8 (S)	%	102	70-120	11/12/09 11:42	

LABORATORY CONTROL SAMPLE: 365479

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	57.2	114	50-150	
1,2-Dichloroethane	ug/L	50	51.4	103	50-150	
1,4-Dichlorobenzene	ug/L	50	47.6	95	50-150	
2-Butanone (MEK)	ug/L	100	117	117	50-150	
Benzene	ug/L	50	58.6	117	50-150	
Carbon tetrachloride	ug/L	50	52.2	104	50-150	
Chlorobenzene	ug/L	50	48.9	98	50-150	
Chloroform	ug/L	50	58.6	117	50-150	
Tetrachloroethene	ug/L	50	51.6	103	50-150	
Trichloroethene	ug/L	50	61.2	122	50-150	
Vinyl chloride	ug/L	50	58.6	117	50-150	
1,2-Dichloroethane-d4 (S)	%			103	79-120	
4-Bromofluorobenzene (S)	%			102	87-109	
Dibromofluoromethane (S)	%			96	85-115	
Toluene-d8 (S)	%			102	70-120	

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

QUALIFIERS

Project: EATON SELMA 6010
Pace Project No.: 9256399

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

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

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

LABORATORIES

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

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

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CHAIN-OF-CUSTODY / Analytical Request Document

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1331208

Section A Required Client Information:

Company: SOLUTIONS-IES
Address: 1101 Nowell Rd
Raleigh NC 27607
Email To: jmacdonald@solutionsies.com
Phone: 873-1060 Fax:
Requested Due Date/TAT: Std: 2 weeks

Section B Required Project Information:

Report To: Janet Macdonald
Copy To:
Purchase Order No.:
Project Name: Eaton Selma
Project Number: 6010

Section C Invoice Information:

Attention: Emily Davis
Company Name: Solutions-IES
Address: 1101 Nowell Rd
Pace Quote Reference:
Pace Project Manager: Kelly Dillon
Pace Profile #: 1971-11,12,1

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test: 8260/5035E (Y/N)	8260 (Y/N)	TCLP 8260 (Y/N)	TCLP RCRA 6010 (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	HA-29-DUP	SL	G	10/27		10/27/09	1245		4									✓					021
2	DUP-1	W	G			10/27/09	1328		3										✓				015
3	SW-1	W	G				1337		3										✓				016
4	SED-1	SL	G				1340		4									✓					008
5	TMW-29	W	G				1400		3										✓				017
6	TMW-27	W	G				1432		3										✓				018
7	RB-1	W	G				1500		3										✓				019
8	IDW-S	SL	G				1510		2											✓	✓		003
9	Trip blank	W					—		2										✓				020
10	FB-1	W	G				1525		3										✓				011
11	TMW-19	W	G			10/28	9:00		3										✓				002
12	TMW-20	W	G			10/28	9:25		3										✓				003

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] Solutions-IES	10/28/09	8:11	[signature] pace-IK	10/29/09	8:11				
	[signature] pace-IK	10/29/09	15:20	[signature] TALP	10/29/09	1520	2.7	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: SEAN JAMES
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10/28/09

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

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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1331209

Section A Required Client Information:

Company: SOLUTIONS-IES
Address: 1101 Nowell Rd
Raleigh NC 27607
Email To: jmacdonald@solutions-ies.com
Phone: 873-1060 Fax:
Requested Due Date/TAT: Std: 2 weeks

Section B Required Project Information:

Report To: Janet Macdonald
Copy To:
Purchase Order No.:
Project Name: Eaton Selma
Project Number: 6010

Section C Invoice Information:

Attention: Emily Davis
Company Name: Solutions IES
Address: 1101 Nowell Rd
Pace Quote Reference:
Pace Project Manager: Kelly Dillon
Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N): 8260/5035 (N), 8260 (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 8260/5035	Analysis Test 8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GP-19-4-6	SL	G	10/26/09	11:15	→			4									✓			0256399
2	GP-20-4-6	SL	G			10/26/09			4									✓			004
3	HA-21-4-6	SL	G			↓	1247		4									✓			005
4	GP-22-6-8	SL	G				1315		4									✓			006
5	GP-23-4-6	SL	G				1405		4									✓			007
6	GP-24-4-6	SL	G				1438		4									✓			008
7	GP-25-4-6	SL	G			↓	1505		4									✓			009
8	GP-26-6-7	SL	G			10/27/09	926		4									✓			010
9	GP-27-6-7	SL	G				1000		4									✓			011
10	HA-28-6-8	SL	G				1122		4									✓			012
11	HA-29-8-10	SL	G				1233		4									✓			013
12	TMW-28	W	G			↓	1320		3										✓		014
																					024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	(Solutions)	10/28/09	8:11	Pace	10/29/09	8:11				
	Pace	10/29/09	15:20	UPS	10/29/09	1520	2.7	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: SEAN JACKSON
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10/28/09

*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.

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Page: 3 of 3

0971593

Section A Required Client Information:

Company: Solutions-IES
Address: 1181 Nowell Rd
Raleigh, NC 27607
Email To: jmacdonald@solutions-ies.com
Phone: 919-873-1061 Fax: —
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Jeff Macdonald
Copy To:
Purchase Order No.: 6010
Project Name: Enton Selma
Project Number: 6010

Section C Invoice Information:

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

REGULATORY AGENCY: ☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ Other_____

SITE LOCATION: ☐GA ☐IL ☐IN ☐MI ☐MN ☒NC ☐OH ☐SC ☐WI ☐OTHER_____

Section D Required Client Information

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

SAMPLE ID — One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	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	Filtered (Y/N)	8260	8260 TCLP	TCLP metals	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
1	TMW-21	GW	G	10/28/09	945				3				X						X				0625
2	TMW-22	↓	↓	↓	1010				↓				↓						X				0626
3	TMW-23				1030														X				0627
4	TMW-24				1055														X				0628
5	TMW-25				1125														X				0629
6	TMW-26				1200														X				0630
7	IDW-GW				1205														3	X	X		0631
8																							
9																							
10																							
11																							
12																							

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature] Solutions-IES	10/29/09	8:11	[signature] pace	10/29/09	8:11
[signature] pace	10/29/09	1520	[signature] pace	10/29/09	1520

SAMPLE CONDITION

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: SEAN JAMES

SIGNATURE of SAMPLER: [signature] DATE Signed (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

Pace Analytical

Sample Condition Upon Receipt

Client Name: Solutions-IES Project # 9256399

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

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

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

Thermometer Used T060 Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 2.7 Biological Tissue is Frozen: Yes No (N/A)

Temp should be above freezing to 6°C

Optional	
Proj. Due Date:	N/A
Proj. Name:	N/A

Date and Initials of person examining contents: JCH 10/28/09

		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:_____		
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): N/A		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: BMH Date: 10-30-09

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

I3. FIELD EVENT #3 LABORATORY DATA

Jody Overmyer
Solutions-IES
1101 Nowell Rd.
Raleigh, NC 27607

Report Number: G375-131

Client Project: Eaton Selma

Dear Jody Overmyer,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or services performed during this project, please call Lori Lockamy at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.

Lori Lockamy 03 August 2010

Project Manager Date
Lori Lockamy

List of Reporting Abbreviations And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

UJ = Target analytes with recoveries that are 10% < %R < LCL; # of MEs are allowable and compounds are not detected in the sample.

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block; see the standard operating procedure document for details.
2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.021808.4

SGS North America, Inc.

Results for Volatiles
by GCMS 8260/5035

Client Sample ID: SB-35 (4-6)
Client Project ID: Eaton Selma
Lab Sample ID: G375-131-1D
Lab Project ID: G375-131
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected: 7/14/2010 16:50
Date Received: 7/16/2010
Matrix: Soil
Sample Amount: 7.16 g
%Solids: 83.4

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	4190	200	7/20/2010
Benzene	BQL	167	200	7/20/2010
Bromobenzene	BQL	167	200	7/20/2010
Bromochloromethane	BQL	167	200	7/20/2010
Bromodichloromethane	BQL	167	200	7/20/2010
Bromoform	BQL	167	200	7/20/2010
Bromomethane	BQL	167	200	7/20/2010
2-Butanone	BQL	4190	200	7/20/2010
n-Butylbenzene	BQL	167	200	7/20/2010
sec-Butylbenzene	BQL	167	200	7/20/2010
tert-Butylbenzene	BQL	167	200	7/20/2010
Carbon disulfide	BQL	167	200	7/20/2010
Carbon tetrachloride	BQL	167	200	7/20/2010
Chlorobenzene	BQL	167	200	7/20/2010
Chloroethane	BQL	167	200	7/20/2010
Chloroform	BQL	167	200	7/20/2010
Chloromethane	BQL	167	200	7/20/2010
2-Chlorotoluene	BQL	167	200	7/20/2010
4-Chlorotoluene	BQL	167	200	7/20/2010
Dibromochloromethane	BQL	167	200	7/20/2010
1,2-Dibromo-3-chloropropane	BQL	837	200	7/20/2010
Dibromomethane	BQL	167	200	7/20/2010
1,2-Dibromoethane (EDB)	BQL	167	200	7/20/2010
1,2-Dichlorobenzene	BQL	167	200	7/20/2010
1,3-Dichlorobenzene	BQL	167	200	7/20/2010
1,4-Dichlorobenzene	BQL	167	200	7/20/2010
trans-1,4-Dichloro-2-butene	BQL	837	200	7/20/2010
1,1-Dichloroethane	BQL	167	200	7/20/2010
1,1-Dichloroethene	BQL	167	200	7/20/2010
1,2-Dichloroethane	BQL	167	200	7/20/2010
cis-1,2-Dichloroethene	BQL	167	200	7/20/2010
trans-1,2-dichloroethene	BQL	167	200	7/20/2010
1,2-Dichloropropane	BQL	167	200	7/20/2010
1,3-Dichloropropane	BQL	167	200	7/20/2010
2,2-Dichloropropane	BQL	167	200	7/20/2010
1,1-Dichloropropene	BQL	167	200	7/20/2010
cis-1,3-Dichloropropene	BQL	167	200	7/20/2010
trans-1,3-Dichloropropene	BQL	167	200	7/20/2010
Dichlorodifluoromethane	BQL	837	200	7/20/2010
Diisopropyl ether (DIPE)	BQL	167	200	7/20/2010
Ethylbenzene	BQL	167	200	7/20/2010
Hexachlorobutadiene	BQL	167	200	7/20/2010
2-Hexanone	BQL	837	200	7/20/2010
Iodomethane	BQL	167	200	7/20/2010
Isopropylbenzene	BQL	167	200	7/20/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260/5035

Client Sample ID: SB-35 (4-6)
Client Project ID: Eaton Selma
Lab Sample ID: G375-131-1D
Lab Project ID: G375-131
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected: 7/14/2010 16:50
Date Received: 7/16/2010
Matrix: Soil
Sample Amount: 7.16 g
%Solids: 83.4

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	167	200	7/20/2010
Methylene chloride	BQL	837	200	7/20/2010
4-Methyl-2-pentanone	BQL	837	200	7/20/2010
Methyl-tert-butyl ether (MTBE)	BQL	167	200	7/20/2010
Naphthalene	BQL	167	200	7/20/2010
n-Propyl benzene	BQL	167	200	7/20/2010
Styrene	BQL	167	200	7/20/2010
1,1,1,2-Tetrachloroethane	BQL	167	200	7/20/2010
1,1,2,2-Tetrachloroethane	BQL	167	200	7/20/2010
Tetrachloroethene	**2830**	167	200	7/20/2010
Toluene	BQL	167	200	7/20/2010
1,2,3-Trichlorobenzene	BQL	167	200	7/20/2010
1,2,4-Trichlorobenzene	BQL	167	200	7/20/2010
Trichloroethene	**169**	167	200	7/20/2010
1,1,1-Trichloroethane	**467**	167	200	7/20/2010
1,1,2-Trichloroethane	BQL	167	200	7/20/2010
Trichlorofluoromethane	BQL	167	200	7/20/2010
1,2,3-Trichloropropane	BQL	167	200	7/20/2010
1,2,4-Trimethylbenzene	BQL	167	200	7/20/2010
1,3,5-Trimethylbenzene	BQL	167	200	7/20/2010
Vinyl chloride	BQL	167	200	7/20/2010
m-,p-Xylene	BQL	335	200	7/20/2010
o-Xylene	BQL	167	200	7/20/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	31.4	105
Toluene-d8	30	31	103
4-Bromofluorobenzene	30	30	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-34 (4-6)
Client Project ID: Eaton Selma
Lab Sample ID G375-131-2B
Lab Project ID: G375-131
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected: 07-14-2010 17:30
Date Received: 7/16/2010
Matrix: Soil
Sample Amount: 6.13 g
%Solids: 89.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	45.7	1	7/28/2010
Benzene	BQL	4.57	1	7/28/2010
Bromobenzene	BQL	4.57	1	7/28/2010
Bromochloromethane	BQL	4.57	1	7/28/2010
Bromodichloromethane	BQL	4.57	1	7/28/2010
Bromoform	BQL	4.57	1	7/28/2010
Bromomethane	BQL	4.57	1	7/28/2010
2-Butanone	BQL	22.9	1	7/28/2010
n-Butylbenzene	BQL	4.57	1	7/28/2010
sec-Butylbenzene	BQL	4.57	1	7/28/2010
tert-Butylbenzene	BQL	4.57	1	7/28/2010
Carbon disulfide	BQL	4.57	1	7/28/2010
Carbon tetrachloride	BQL	4.57	1	7/28/2010
Chlorobenzene	BQL	4.57	1	7/28/2010
Chloroethane	BQL	4.57	1	7/28/2010
Chloroform	BQL	4.57	1	7/28/2010
Chloromethane	BQL	4.57	1	7/28/2010
2-Chlorotoluene	BQL	4.57	1	7/28/2010
4-Chlorotoluene	BQL	4.57	1	7/28/2010
Dibromochloromethane	BQL	4.57	1	7/28/2010
1,2-Dibromo-3-chloropropane	BQL	22.9	1	7/28/2010
Dibromomethane	BQL	4.57	1	7/28/2010
1,2-Dibromoethane (EDB)	BQL	4.57	1	7/28/2010
1,2-Dichlorobenzene	BQL	4.57	1	7/28/2010
1,3-Dichlorobenzene	BQL	4.57	1	7/28/2010
1,4-Dichlorobenzene	BQL	4.57	1	7/28/2010
trans-1,4-Dichloro-2-butene	BQL	22.9	1	7/28/2010
1,1-Dichloroethane	BQL	4.57	1	7/28/2010
1,1-Dichloroethene	BQL	4.57	1	7/28/2010
1,2-Dichloroethane	BQL	4.57	1	7/28/2010
cis-1,2-Dichloroethene	BQL	4.57	1	7/28/2010
trans-1,2-dichloroethene	BQL	4.57	1	7/28/2010
1,2-Dichloropropane	BQL	4.57	1	7/28/2010
1,3-Dichloropropane	BQL	4.57	1	7/28/2010
2,2-Dichloropropane	BQL	4.57	1	7/28/2010
1,1-Dichloropropene	BQL	4.57	1	7/28/2010
cis-1,3-Dichloropropene	BQL	4.57	1	7/28/2010
trans-1,3-Dichloropropene	BQL	4.57	1	7/28/2010
Dichlorodifluoromethane	BQL	4.57	1	7/28/2010
Diisopropyl ether (DIPE)	BQL	4.57	1	7/28/2010
Ethylbenzene	BQL	4.57	1	7/28/2010
Hexachlorobutadiene	BQL	4.57	1	7/28/2010
2-Hexanone	BQL	11.4	1	7/28/2010
Iodomethane	BQL	4.57	1	7/28/2010

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-34 (4-6)
Client Project ID: Eaton Selma
Lab Sample ID G375-131-2B
Lab Project ID: G375-131
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected: 07-14-2010 17:30
Date Received: 7/16/2010
Matrix: Soil
Sample Amount: 6.13 g
%Solids: 89.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	4.57	1	7/28/2010
4-Isopropyltoluene	BQL	4.57	1	7/28/2010
Methylene chloride	BQL	18.3	1	7/28/2010
4-Methyl-2-pentanone	BQL	11.4	1	7/28/2010
Methyl-tert-butyl ether (MTBE)	BQL	4.57	1	7/28/2010
Naphthalene	BQL	4.57	1	7/28/2010
n-Propyl benzene	BQL	4.57	1	7/28/2010
Styrene	BQL	4.57	1	7/28/2010
1,1,1,2-Tetrachloroethane	BQL	4.57	1	7/28/2010
1,1,2,2-Tetrachloroethane	BQL	4.57	1	7/28/2010
Tetrachloroethene	**99.1**	4.57	1	7/28/2010
Toluene	BQL	4.57	1	7/28/2010
1,2,3-Trichlorobenzene	BQL	4.57	1	7/28/2010
1,2,4-Trichlorobenzene	BQL	4.57	1	7/28/2010
Trichloroethene	BQL	4.57	1	7/28/2010
1,1,1-Trichloroethane	BQL	4.57	1	7/28/2010
1,1,2-Trichloroethane	BQL	4.57	1	7/28/2010
Trichlorofluoromethane	BQL	4.57	1	7/28/2010
1,2,3-Trichloropropane	BQL	4.57	1	7/28/2010
1,2,4-Trimethylbenzene	BQL	4.57	1	7/28/2010
1,3,5-Trimethylbenzene	BQL	4.57	1	7/28/2010
Vinyl chloride	BQL	4.57	1	7/28/2010
m-,p-Xylene	BQL	9.15	1	7/28/2010
o-Xylene	BQL	4.57	1	7/28/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	32	107
Toluene-d8	30	29.2	98
4-Bromofluorobenzene	30	29	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: _____

SGS Environmental Services Inc.
CHAIN OF CUSTODY RECORD

Locations Nationwide
- Alaska
- New Jersey
- North Carolina
- West Virginia
- Maryland
- New York
- Ohio

www.us.sgs.com

(1)

CLIENT: Solutions-IES

CONTACT: Janet MacDonald PHONE NO: 919-872-1060

PROJECT: Caton Selma SITE/PWSID# :

REPORTS TO: Janet MacDonald EMAIL: JMacDonald@solutions-ies.com

INVOICE TO: Emily Davis QUOTE #:

P.O. #:

SGS Reference #: G375-131

page 1 of 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX/ MATRIX CODE	# CONTAINERS	SAMPLE TYPE C= COMP G= GRAB MI= Multi Incremental Samples	Preservatives Used	Analysis Required (3) 8260								REMARKS/ LOC ID
	SB-35 (4-6)	7/14/10	1650	S	5	G		X								
	SB-34 (4-6)	"	1730	S	5	G		X								

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
Kathryn Dell	7/16/10	0700	Matt B 1102
Relinquished By: (2)	Date	Time	Received By:
[illegible]	7/16/10	1600	[illegible]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received For Laboratory By:

(4)

DOD Project? YES NO

Cooler ID _____

Special Deliverable Requirements:

Requested Turnaround Time and-or Special Instructions:

Std

Samples Received Cold? YES NO

Temperature °C: Cooler 3.2°C TB _____

Chain of Custody Seal: (Circle)

INTACT BROKEN ABSENT

N.C. Certification #481

SGS North America, Inc.

200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
550 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

http://www.sgs.com/terms and conditions.htm

White - Retained by Lab
Pink - Retained by Client

Jody Overmyer
Solutions-IES
1101 Nowell Rd.
Raleigh, NC 27607

Report Number: G375-132

Client Project: Eaton Selma

Dear Jody Overmyer,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

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Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.

06 August 2010

Project Manager
Lori Lockamy

Date

List of Reporting Abbreviations
And Data Qualifiers

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% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:
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2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.021808.4

Results for Volatiles
by GCMS 8260/5035

Client Sample ID: SB-33 (6-8)
Client Project ID: Eaton Selma
Lab Sample ID: G375-132-1D
Lab Project ID: G375-132
Report Basis: Dry Weight

Analyzed By: BWS
Date Collected: 7/16/2010 14:30
Date Received: 7/21/2010
Matrix: Soil
Sample Amount: 6.66 g
%Solids: 78.9

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	952	40	7/24/2010
Benzene	BQL	38.1	40	7/24/2010
Bromobenzene	BQL	38.1	40	7/24/2010
Bromochloromethane	BQL	38.1	40	7/24/2010
Bromodichloromethane	BQL	38.1	40	7/24/2010
Bromoform	BQL	38.1	40	7/24/2010
Bromomethane	BQL	38.1	40	7/24/2010
2-Butanone	BQL	952	40	7/24/2010
n-Butylbenzene	BQL	38.1	40	7/24/2010
sec-Butylbenzene	BQL	38.1	40	7/24/2010
tert-Butylbenzene	BQL	38.1	40	7/24/2010
Carbon disulfide	BQL	38.1	40	7/24/2010
Carbon tetrachloride	BQL	38.1	40	7/24/2010
Chlorobenzene	BQL	38.1	40	7/24/2010
Chloroethane	BQL	38.1	40	7/24/2010
Chloroform	BQL	38.1	40	7/24/2010
Chloromethane	BQL	38.1	40	7/24/2010
2-Chlorotoluene	BQL	38.1	40	7/24/2010
4-Chlorotoluene	BQL	38.1	40	7/24/2010
Dibromochloromethane	BQL	38.1	40	7/24/2010
1,2-Dibromo-3-chloropropane	BQL	190	40	7/24/2010
Dibromomethane	BQL	38.1	40	7/24/2010
1,2-Dibromoethane (EDB)	BQL	38.1	40	7/24/2010
1,2-Dichlorobenzene	BQL	38.1	40	7/24/2010
1,3-Dichlorobenzene	BQL	38.1	40	7/24/2010
1,4-Dichlorobenzene	BQL	38.1	40	7/24/2010
trans-1,4-Dichloro-2-butene	BQL	190	40	7/24/2010
1,1-Dichloroethane	BQL	38.1	40	7/24/2010
1,1-Dichloroethene	**48.7**	38.1	40	7/24/2010
1,2-Dichloroethane	BQL	38.1	40	7/24/2010
cis-1,2-Dichloroethene	BQL	38.1	40	7/24/2010
trans-1,2-dichloroethene	BQL	38.1	40	7/24/2010
1,2-Dichloropropane	BQL	38.1	40	7/24/2010
1,3-Dichloropropane	BQL	38.1	40	7/24/2010
2,2-Dichloropropane	BQL	38.1	40	7/24/2010
1,1-Dichloropropene	BQL	38.1	40	7/24/2010
cis-1,3-Dichloropropene	BQL	38.1	40	7/24/2010
trans-1,3-Dichloropropene	BQL	38.1	40	7/24/2010
Dichlorodifluoromethane	BQL	190	40	7/24/2010
Diisopropyl ether (DIPE)	BQL	38.1	40	7/24/2010
Ethylbenzene	BQL	38.1	40	7/24/2010
Hexachlorobutadiene	BQL	38.1	40	7/24/2010
2-Hexanone	BQL	190	40	7/24/2010
Iodomethane	BQL	38.1	40	7/24/2010
Isopropylbenzene	BQL	38.1	40	7/24/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260/5035

Client Sample ID: SB-33 (6-8)
Client Project ID: Eaton Selma
Lab Sample ID: G375-132-1D
Lab Project ID: G375-132
Report Basis: Dry Weight

Analyzed By: BWS
Date Collected: 7/16/2010 14:30
Date Received: 7/21/2010
Matrix: Soil
Sample Amount: 6.66 g
%Solids: 78.9

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	38.1	40	7/24/2010
Methylene chloride	BQL	190	40	7/24/2010
4-Methyl-2-pentanone	BQL	190	40	7/24/2010
Methyl-tert-butyl ether (MTBE)	BQL	38.1	40	7/24/2010
Naphthalene	BQL	38.1	40	7/24/2010
n-Propyl benzene	BQL	38.1	40	7/24/2010
Styrene	BQL	38.1	40	7/24/2010
1,1,1,2-Tetrachloroethane	BQL	38.1	40	7/24/2010
1,1,2,2-Tetrachloroethane	BQL	38.1	40	7/24/2010
Tetrachloroethene	**1310**	38.1	40	7/24/2010
Toluene	BQL	38.1	40	7/24/2010
1,2,3-Trichlorobenzene	BQL	38.1	40	7/24/2010
1,2,4-Trichlorobenzene	BQL	38.1	40	7/24/2010
Trichloroethene	**50.6**	38.1	40	7/24/2010
1,1,1-Trichloroethane	BQL	38.1	40	7/24/2010
1,1,2-Trichloroethane	BQL	38.1	40	7/24/2010
Trichlorofluoromethane	BQL	38.1	40	7/24/2010
1,2,3-Trichloropropane	BQL	38.1	40	7/24/2010
1,2,4-Trimethylbenzene	BQL	38.1	40	7/24/2010
1,3,5-Trimethylbenzene	BQL	38.1	40	7/24/2010
Vinyl chloride	BQL	38.1	40	7/24/2010
m-,p-Xylene	BQL	76.1	40	7/24/2010
o-Xylene	BQL	38.1	40	7/24/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	26.5	88
Toluene-d8	30	27.1	90
4-Bromofluorobenzene	30	28.8	96

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: OVO

Reviewed By: CW

Results for Volatiles
by GCMS 8260/5035

Client Sample ID: SB-32 (6-8)
Client Project ID: Eaton Selma
Lab Sample ID: G375-132-2D
Lab Project ID: G375-132
Report Basis: Dry Weight

Analyzed By: BWS
Date Collected: 7/16/2010 15:00
Date Received: 7/21/2010
Matrix: Soil
Sample Amount: 8.01 g
%Solids: 80.7

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	774	40	7/24/2010
Benzene	BQL	30.9	40	7/24/2010
Bromobenzene	BQL	30.9	40	7/24/2010
Bromochloromethane	BQL	30.9	40	7/24/2010
Bromodichloromethane	BQL	30.9	40	7/24/2010
Bromoform	BQL	30.9	40	7/24/2010
Bromomethane	BQL	30.9	40	7/24/2010
2-Butanone	BQL	774	40	7/24/2010
n-Butylbenzene	BQL	30.9	40	7/24/2010
sec-Butylbenzene	BQL	30.9	40	7/24/2010
tert-Butylbenzene	BQL	30.9	40	7/24/2010
Carbon disulfide	BQL	30.9	40	7/24/2010
Carbon tetrachloride	BQL	30.9	40	7/24/2010
Chlorobenzene	BQL	30.9	40	7/24/2010
Chloroethane	BQL	30.9	40	7/24/2010
Chloroform	BQL	30.9	40	7/24/2010
Chloromethane	BQL	30.9	40	7/24/2010
2-Chlorotoluene	BQL	30.9	40	7/24/2010
4-Chlorotoluene	BQL	30.9	40	7/24/2010
Dibromochloromethane	BQL	30.9	40	7/24/2010
1,2-Dibromo-3-chloropropane	BQL	155	40	7/24/2010
Dibromomethane	BQL	30.9	40	7/24/2010
1,2-Dibromoethane (EDB)	BQL	30.9	40	7/24/2010
1,2-Dichlorobenzene	BQL	30.9	40	7/24/2010
1,3-Dichlorobenzene	BQL	30.9	40	7/24/2010
1,4-Dichlorobenzene	BQL	30.9	40	7/24/2010
trans-1,4-Dichloro-2-butene	BQL	155	40	7/24/2010
1,1-Dichloroethane	BQL	30.9	40	7/24/2010
1,1-Dichloroethene	BQL	30.9	40	7/24/2010
1,2-Dichloroethane	BQL	30.9	40	7/24/2010
cis-1,2-Dichloroethene	BQL	30.9	40	7/24/2010
trans-1,2-dichloroethene	BQL	30.9	40	7/24/2010
1,2-Dichloropropane	BQL	30.9	40	7/24/2010
1,3-Dichloropropane	BQL	30.9	40	7/24/2010
2,2-Dichloropropane	BQL	30.9	40	7/24/2010
1,1-Dichloropropene	BQL	30.9	40	7/24/2010
cis-1,3-Dichloropropene	BQL	30.9	40	7/24/2010
trans-1,3-Dichloropropene	BQL	30.9	40	7/24/2010
Dichlorodifluoromethane	BQL	155	40	7/24/2010
Diisopropyl ether (DIPE)	BQL	30.9	40	7/24/2010
Ethylbenzene	BQL	30.9	40	7/24/2010
Hexachlorobutadiene	BQL	30.9	40	7/24/2010
2-Hexanone	BQL	155	40	7/24/2010
Iodomethane	**35.6**	30.9	40	7/24/2010
Isopropylbenzene	BQL	30.9	40	7/24/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260/5035

Client Sample ID: SB-32 (6-8)
Client Project ID: Eaton Selma
Lab Sample ID: G375-132-2D
Lab Project ID: G375-132
Report Basis: Dry Weight

Analyzed By: BWS
Date Collected: 7/16/2010 15:00
Date Received: 7/21/2010
Matrix: Soil
Sample Amount: 8.01 g
%Solids: 80.7

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
4-Isopropyltoluene	**33.7**	30.9	40	7/24/2010
Methylene chloride	BQL	155	40	7/24/2010
4-Methyl-2-pentanone	BQL	155	40	7/24/2010
Methyl-tert-butyl ether (MTBE)	BQL	30.9	40	7/24/2010
Naphthalene	BQL	30.9	40	7/24/2010
n-Propyl benzene	BQL	30.9	40	7/24/2010
Styrene	BQL	30.9	40	7/24/2010
1,1,1,2-Tetrachloroethane	BQL	30.9	40	7/24/2010
1,1,2,2-Tetrachloroethane	BQL	30.9	40	7/24/2010
Tetrachloroethene	**901**	30.9	40	7/24/2010
Toluene	BQL	30.9	40	7/24/2010
1,2,3-Trichlorobenzene	BQL	30.9	40	7/24/2010
1,2,4-Trichlorobenzene	BQL	30.9	40	7/24/2010
Trichloroethene	BQL	30.9	40	7/24/2010
1,1,1-Trichloroethane	BQL	30.9	40	7/24/2010
1,1,2-Trichloroethane	BQL	30.9	40	7/24/2010
Trichlorofluoromethane	BQL	30.9	40	7/24/2010
1,2,3-Trichloropropane	BQL	30.9	40	7/24/2010
1,2,4-Trimethylbenzene	BQL	30.9	40	7/24/2010
1,3,5-Trimethylbenzene	BQL	30.9	40	7/24/2010
Vinyl chloride	BQL	30.9	40	7/24/2010
m-,p-Xylene	BQL	61.9	40	7/24/2010
o-Xylene	BQL	30.9	40	7/24/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	26.3	87
Toluene-d8	30	27.7	92
4-Bromofluorobenzene	30	30	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: OVO

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260/5035

Client Sample ID: SB-30 (4-6)
Client Project ID: Eaton Selma
Lab Sample ID: G375-132-3D
Lab Project ID: G375-132
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected: 7/19/2010 14:15
Date Received: 7/21/2010
Matrix: Soil
Sample Amount: 6.97 g
%Solids: 81.2

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	1100	50	7/29/2010
Benzene	BQL	44.2	50	7/29/2010
Bromobenzene	BQL	44.2	50	7/29/2010
Bromochloromethane	BQL	44.2	50	7/29/2010
Bromodichloromethane	BQL	44.2	50	7/29/2010
Bromoform	BQL	44.2	50	7/29/2010
Bromomethane	BQL	44.2	50	7/29/2010
2-Butanone	BQL	1100	50	7/29/2010
n-Butylbenzene	BQL	44.2	50	7/29/2010
sec-Butylbenzene	BQL	44.2	50	7/29/2010
tert-Butylbenzene	BQL	44.2	50	7/29/2010
Carbon disulfide	BQL	44.2	50	7/29/2010
Carbon tetrachloride	BQL	44.2	50	7/29/2010
Chlorobenzene	BQL	44.2	50	7/29/2010
Chloroethane	BQL	44.2	50	7/29/2010
Chloroform	BQL	44.2	50	7/29/2010
Chloromethane	BQL	44.2	50	7/29/2010
2-Chlorotoluene	BQL	44.2	50	7/29/2010
4-Chlorotoluene	BQL	44.2	50	7/29/2010
Dibromochloromethane	BQL	44.2	50	7/29/2010
1,2-Dibromo-3-chloropropane	BQL	221	50	7/29/2010
Dibromomethane	BQL	44.2	50	7/29/2010
1,2-Dibromoethane (EDB)	BQL	44.2	50	7/29/2010
1,2-Dichlorobenzene	BQL	44.2	50	7/29/2010
1,3-Dichlorobenzene	BQL	44.2	50	7/29/2010
1,4-Dichlorobenzene	BQL	44.2	50	7/29/2010
trans-1,4-Dichloro-2-butene	BQL	221	50	7/29/2010
1,1-Dichloroethane	BQL	44.2	50	7/29/2010
1,1-Dichloroethene	BQL	44.2	50	7/29/2010
1,2-Dichloroethane	BQL	44.2	50	7/29/2010
cis-1,2-Dichloroethene	BQL	44.2	50	7/29/2010
trans-1,2-dichloroethene	BQL	44.2	50	7/29/2010
1,2-Dichloropropane	BQL	44.2	50	7/29/2010
1,3-Dichloropropane	BQL	44.2	50	7/29/2010
2,2-Dichloropropane	BQL	44.2	50	7/29/2010
1,1-Dichloropropene	BQL	44.2	50	7/29/2010
cis-1,3-Dichloropropene	BQL	44.2	50	7/29/2010
trans-1,3-Dichloropropene	BQL	44.2	50	7/29/2010
Dichlorodifluoromethane	BQL	221	50	7/29/2010
Diisopropyl ether (DIPE)	BQL	44.2	50	7/29/2010
Ethylbenzene	BQL	44.2	50	7/29/2010
Hexachlorobutadiene	BQL	44.2	50	7/29/2010
2-Hexanone	BQL	221	50	7/29/2010
Iodomethane	BQL	44.2	50	7/29/2010
Isopropylbenzene	BQL	44.2	50	7/29/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260/5035

Client Sample ID: SB-30 (4-6)
Client Project ID: Eaton Selma
Lab Sample ID: G375-132-3D
Lab Project ID: G375-132
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected: 7/19/2010 14:15
Date Received: 7/21/2010
Matrix: Soil
Sample Amount: 6.97 g
%Solids: 81.2

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	44.2	50	7/29/2010
Methylene chloride	BQL	221	50	7/29/2010
4-Methyl-2-pentanone	BQL	221	50	7/29/2010
Methyl-tert-butyl ether (MTBE)	BQL	44.2	50	7/29/2010
Naphthalene	BQL	44.2	50	7/29/2010
n-Propyl benzene	BQL	44.2	50	7/29/2010
Styrene	BQL	44.2	50	7/29/2010
1,1,1,2-Tetrachloroethane	BQL	44.2	50	7/29/2010
1,1,2,2-Tetrachloroethane	BQL	44.2	50	7/29/2010
Tetrachloroethene	**215**	44.2	50	7/29/2010
Toluene	BQL	44.2	50	7/29/2010
1,2,3-Trichlorobenzene	BQL	44.2	50	7/29/2010
1,2,4-Trichlorobenzene	BQL	44.2	50	7/29/2010
Trichloroethene	BQL	44.2	50	7/29/2010
1,1,1-Trichloroethane	BQL	44.2	50	7/29/2010
1,1,2-Trichloroethane	BQL	44.2	50	7/29/2010
Trichlorofluoromethane	BQL	44.2	50	7/29/2010
1,2,3-Trichloropropane	BQL	44.2	50	7/29/2010
1,2,4-Trimethylbenzene	BQL	44.2	50	7/29/2010
1,3,5-Trimethylbenzene	BQL	44.2	50	7/29/2010
Vinyl chloride	BQL	44.2	50	7/29/2010
m-,p-Xylene	BQL	88.3	50	7/29/2010
o-Xylene	BQL	44.2	50	7/29/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	27.5	92
Toluene-d8	30	30.1	100
4-Bromofluorobenzene	30	29.2	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: CB

Results for Volatiles
by GCMS 8260/5035

Client Sample ID: DUP-1
Client Project ID: Eaton Selma
Lab Sample ID: G375-132-4D
Lab Project ID: G375-132
Report Basis: Dry Weight

Analyzed By: BWS
Date Collected: 7/19/2010 0:00
Date Received: 7/21/2010
Matrix: Soil
Sample Amount: 6.81 g
%Solids: 81.1

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	1130	50	7/26/2010
Benzene	BQL	45.3	50	7/26/2010
Bromobenzene	BQL	45.3	50	7/26/2010
Bromochloromethane	BQL	45.3	50	7/26/2010
Bromodichloromethane	BQL	45.3	50	7/26/2010
Bromoform	BQL	45.3	50	7/26/2010
Bromomethane	BQL	45.3	50	7/26/2010
2-Butanone	BQL	1130	50	7/26/2010
n-Butylbenzene	BQL	45.3	50	7/26/2010
sec-Butylbenzene	BQL	45.3	50	7/26/2010
tert-Butylbenzene	BQL	45.3	50	7/26/2010
Carbon disulfide	BQL	45.3	50	7/26/2010
Carbon tetrachloride	BQL	45.3	50	7/26/2010
Chlorobenzene	BQL	45.3	50	7/26/2010
Chloroethane	BQL	45.3	50	7/26/2010
Chloroform	BQL	45.3	50	7/26/2010
Chloromethane	BQL	45.3	50	7/26/2010
2-Chlorotoluene	BQL	45.3	50	7/26/2010
4-Chlorotoluene	BQL	45.3	50	7/26/2010
Dibromochloromethane	BQL	45.3	50	7/26/2010
1,2-Dibromo-3-chloropropane	BQL	226	50	7/26/2010
Dibromomethane	BQL	45.3	50	7/26/2010
1,2-Dibromoethane (EDB)	BQL	45.3	50	7/26/2010
1,2-Dichlorobenzene	BQL	45.3	50	7/26/2010
1,3-Dichlorobenzene	BQL	45.3	50	7/26/2010
1,4-Dichlorobenzene	BQL	45.3	50	7/26/2010
trans-1,4-Dichloro-2-butene	BQL	226	50	7/26/2010
1,1-Dichloroethane	BQL	45.3	50	7/26/2010
1,1-Dichloroethene	BQL	45.3	50	7/26/2010
1,2-Dichloroethane	BQL	45.3	50	7/26/2010
cis-1,2-Dichloroethene	BQL	45.3	50	7/26/2010
trans-1,2-dichloroethene	BQL	45.3	50	7/26/2010
1,2-Dichloropropane	BQL	45.3	50	7/26/2010
1,3-Dichloropropane	BQL	45.3	50	7/26/2010
2,2-Dichloropropane	BQL	45.3	50	7/26/2010
1,1-Dichloropropene	BQL	45.3	50	7/26/2010
cis-1,3-Dichloropropene	BQL	45.3	50	7/26/2010
trans-1,3-Dichloropropene	BQL	45.3	50	7/26/2010
Dichlorodifluoromethane	BQL	226	50	7/26/2010
Diisopropyl ether (DIPE)	BQL	45.3	50	7/26/2010
Ethylbenzene	BQL	45.3	50	7/26/2010
Hexachlorobutadiene	BQL	45.3	50	7/26/2010
2-Hexanone	BQL	226	50	7/26/2010
Iodomethane	BQL	45.3	50	7/26/2010
Isopropylbenzene	BQL	45.3	50	7/26/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260/5035

Client Sample ID: DUP-1
Client Project ID: Eaton Selma
Lab Sample ID: G375-132-4D
Lab Project ID: G375-132
Report Basis: Dry Weight

Analyzed By: BWS
Date Collected: 7/19/2010 0:00
Date Received: 7/21/2010
Matrix: Soil
Sample Amount: 6.81 g
%Solids: 81.1

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	45.3	50	7/26/2010
Methylene chloride	BQL	226	50	7/26/2010
4-Methyl-2-pentanone	BQL	226	50	7/26/2010
Methyl-tert-butyl ether (MTBE)	BQL	45.3	50	7/26/2010
Naphthalene	BQL	45.3	50	7/26/2010
n-Propyl benzene	BQL	45.3	50	7/26/2010
Styrene	BQL	45.3	50	7/26/2010
1,1,1,2-Tetrachloroethane	BQL	45.3	50	7/26/2010
1,1,2,2-Tetrachloroethane	BQL	45.3	50	7/26/2010
Tetrachloroethene	**470**	45.3	50	7/26/2010
Toluene	BQL	45.3	50	7/26/2010
1,2,3-Trichlorobenzene	BQL	45.3	50	7/26/2010
1,2,4-Trichlorobenzene	BQL	45.3	50	7/26/2010
Trichloroethene	BQL	45.3	50	7/26/2010
1,1,1-Trichloroethane	BQL	45.3	50	7/26/2010
1,1,2-Trichloroethane	BQL	45.3	50	7/26/2010
Trichlorofluoromethane	BQL	45.3	50	7/26/2010
1,2,3-Trichloropropane	BQL	45.3	50	7/26/2010
1,2,4-Trimethylbenzene	BQL	45.3	50	7/26/2010
1,3,5-Trimethylbenzene	BQL	45.3	50	7/26/2010
Vinyl chloride	BQL	45.3	50	7/26/2010
m-,p-Xylene	BQL	90.5	50	7/26/2010
o-Xylene	BQL	45.3	50	7/26/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	26.3	88
Toluene-d8	30	28.1	94
4-Bromofluorobenzene	30	29.8	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260/5035

Client Sample ID: SB-31 (4-6)
Client Project ID: Eaton Selma
Lab Sample ID: G375-132-5D
Lab Project ID: G375-132
Report Basis: Dry Weight

Analyzed By: BWS
Date Collected: 7/19/2010 14:55
Date Received: 7/21/2010
Matrix: Soil
Sample Amount: 5.79 g
%Solids: 85.5

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	3160	125	7/24/2010
Benzene	BQL	126	125	7/24/2010
Bromobenzene	BQL	126	125	7/24/2010
Bromochloromethane	BQL	126	125	7/24/2010
Bromodichloromethane	BQL	126	125	7/24/2010
Bromoform	BQL	126	125	7/24/2010
Bromomethane	BQL	126	125	7/24/2010
2-Butanone	BQL	3160	125	7/24/2010
n-Butylbenzene	BQL	126	125	7/24/2010
sec-Butylbenzene	BQL	126	125	7/24/2010
tert-Butylbenzene	BQL	126	125	7/24/2010
Carbon disulfide	BQL	126	125	7/24/2010
Carbon tetrachloride	BQL	126	125	7/24/2010
Chlorobenzene	BQL	126	125	7/24/2010
Chloroethane	BQL	126	125	7/24/2010
Chloroform	BQL	126	125	7/24/2010
Chloromethane	BQL	126	125	7/24/2010
2-Chlorotoluene	BQL	126	125	7/24/2010
4-Chlorotoluene	BQL	126	125	7/24/2010
Dibromochloromethane	BQL	126	125	7/24/2010
1,2-Dibromo-3-chloropropane	BQL	631	125	7/24/2010
Dibromomethane	BQL	126	125	7/24/2010
1,2-Dibromoethane (EDB)	BQL	126	125	7/24/2010
1,2-Dichlorobenzene	BQL	126	125	7/24/2010
1,3-Dichlorobenzene	BQL	126	125	7/24/2010
1,4-Dichlorobenzene	BQL	126	125	7/24/2010
trans-1,4-Dichloro-2-butene	BQL	631	125	7/24/2010
1,1-Dichloroethane	BQL	126	125	7/24/2010
1,1-Dichloroethene	BQL	126	125	7/24/2010
1,2-Dichloroethane	BQL	126	125	7/24/2010
cis-1,2-Dichloroethene	BQL	126	125	7/24/2010
trans-1,2-dichloroethene	BQL	126	125	7/24/2010
1,2-Dichloropropane	BQL	126	125	7/24/2010
1,3-Dichloropropane	BQL	126	125	7/24/2010
2,2-Dichloropropane	BQL	126	125	7/24/2010
1,1-Dichloropropene	BQL	126	125	7/24/2010
cis-1,3-Dichloropropene	BQL	126	125	7/24/2010
trans-1,3-Dichloropropene	BQL	126	125	7/24/2010
Dichlorodifluoromethane	BQL	631	125	7/24/2010
Diisopropyl ether (DIPE)	BQL	126	125	7/24/2010
Ethylbenzene	BQL	126	125	7/24/2010
Hexachlorobutadiene	BQL	126	125	7/24/2010
2-Hexanone	BQL	631	125	7/24/2010
Iodomethane	BQL	126	125	7/24/2010
Isopropylbenzene	BQL	126	125	7/24/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260/5035

Client Sample ID: SB-31 (4-6)
Client Project ID: Eaton Selma
Lab Sample ID: G375-132-5D
Lab Project ID: G375-132
Report Basis: Dry Weight

Analyzed By: BWS
Date Collected: 7/19/2010 14:55
Date Received: 7/21/2010
Matrix: Soil
Sample Amount: 5.79 g
%Solids: 85.5

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	126	125	7/24/2010
Methylene chloride	BQL	631	125	7/24/2010
4-Methyl-2-pentanone	BQL	631	125	7/24/2010
Methyl-tert-butyl ether (MTBE)	BQL	126	125	7/24/2010
Naphthalene	BQL	126	125	7/24/2010
n-Propyl benzene	BQL	126	125	7/24/2010
Styrene	BQL	126	125	7/24/2010
1,1,1,2-Tetrachloroethane	BQL	126	125	7/24/2010
1,1,2,2-Tetrachloroethane	BQL	126	125	7/24/2010
Tetrachloroethene	**3740**	126	125	7/24/2010
Toluene	BQL	126	125	7/24/2010
1,2,3-Trichlorobenzene	BQL	126	125	7/24/2010
1,2,4-Trichlorobenzene	BQL	126	125	7/24/2010
Trichloroethene	BQL	126	125	7/24/2010
1,1,1-Trichloroethane	BQL	126	125	7/24/2010
1,1,2-Trichloroethane	BQL	126	125	7/24/2010
Trichlorofluoromethane	BQL	126	125	7/24/2010
1,2,3-Trichloropropane	BQL	126	125	7/24/2010
1,2,4-Trimethylbenzene	BQL	126	125	7/24/2010
1,3,5-Trimethylbenzene	BQL	126	125	7/24/2010
Vinyl chloride	BQL	126	125	7/24/2010
m-,p-Xylene	BQL	253	125	7/24/2010
o-Xylene	BQL	126	125	7/24/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	26.4	88
Toluene-d8	30	27.9	93
4-Bromofluorobenzene	30	30.3	101

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-36 (4-6)
Client Project ID: Eaton Selma
Lab Sample ID G375-132-6A
Lab Project ID: G375-132
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected: 07-19-2010 15:25
Date Received: 7/21/2010
Matrix: Soil
Sample Amount: 6.88 g
%Solids: 81.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	44.7	1	7/29/2010
Benzene	BQL	4.47	1	7/29/2010
Bromobenzene	BQL	4.47	1	7/29/2010
Bromochloromethane	BQL	4.47	1	7/29/2010
Bromodichloromethane	BQL	4.47	1	7/29/2010
Bromoform	BQL	4.47	1	7/29/2010
Bromomethane	BQL	4.47	1	7/29/2010
2-Butanone	BQL	22.4	1	7/29/2010
n-Butylbenzene	BQL	4.47	1	7/29/2010
sec-Butylbenzene	BQL	4.47	1	7/29/2010
tert-Butylbenzene	BQL	4.47	1	7/29/2010
Carbon disulfide	BQL	4.47	1	7/29/2010
Carbon tetrachloride	BQL	4.47	1	7/29/2010
Chlorobenzene	BQL	4.47	1	7/29/2010
Chloroethane	BQL	4.47	1	7/29/2010
Chloroform	BQL	4.47	1	7/29/2010
Chloromethane	BQL	4.47	1	7/29/2010
2-Chlorotoluene	BQL	4.47	1	7/29/2010
4-Chlorotoluene	BQL	4.47	1	7/29/2010
Dibromochloromethane	BQL	4.47	1	7/29/2010
1,2-Dibromo-3-chloropropane	BQL	26.8	1	7/29/2010
Dibromomethane	BQL	4.47	1	7/29/2010
1,2-Dibromoethane (EDB)	BQL	4.47	1	7/29/2010
1,2-Dichlorobenzene	BQL	4.47	1	7/29/2010
1,3-Dichlorobenzene	BQL	4.47	1	7/29/2010
1,4-Dichlorobenzene	BQL	4.47	1	7/29/2010
trans-1,4-Dichloro-2-butene	BQL	22.4	1	7/29/2010
1,1-Dichloroethane	BQL	4.47	1	7/29/2010
1,1-Dichloroethene	BQL	4.47	1	7/29/2010
1,2-Dichloroethane	BQL	4.47	1	7/29/2010
cis-1,2-Dichloroethene	BQL	4.47	1	7/29/2010
trans-1,2-dichloroethene	BQL	4.47	1	7/29/2010
1,2-Dichloropropane	BQL	4.47	1	7/29/2010
1,3-Dichloropropane	BQL	4.47	1	7/29/2010
2,2-Dichloropropane	BQL	4.47	1	7/29/2010
1,1-Dichloropropene	BQL	4.47	1	7/29/2010
cis-1,3-Dichloropropene	BQL	4.47	1	7/29/2010
trans-1,3-Dichloropropene	BQL	4.47	1	7/29/2010
Dichlorodifluoromethane	BQL	4.47	1	7/29/2010
Diisopropyl ether (DIPE)	BQL	4.47	1	7/29/2010
Ethylbenzene	BQL	4.47	1	7/29/2010
Hexachlorobutadiene	BQL	4.47	1	7/29/2010
2-Hexanone	BQL	11.2	1	7/29/2010
Iodomethane	BQL	4.47	1	7/29/2010

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-36 (4-6)
Client Project ID: Eaton Selma
Lab Sample ID G375-132-6A
Lab Project ID: G375-132
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected: 07-19-2010 15:25
Date Received: 7/21/2010
Matrix: Soil
Sample Amount: 6.88 g
%Solids: 81.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	4.47	1	7/29/2010
4-Isopropyltoluene	BQL	4.47	1	7/29/2010
Methylene chloride	BQL	17.9	1	7/29/2010
4-Methyl-2-pentanone	BQL	11.2	1	7/29/2010
Methyl-tert-butyl ether (MTBE)	BQL	4.47	1	7/29/2010
Naphthalene	BQL	4.47	1	7/29/2010
n-Propyl benzene	BQL	4.47	1	7/29/2010
Styrene	BQL	4.47	1	7/29/2010
1,1,1,2-Tetrachloroethane	BQL	4.47	1	7/29/2010
1,1,2,2-Tetrachloroethane	BQL	4.47	1	7/29/2010
Tetrachloroethene	BQL	4.47	1	7/29/2010
Toluene	BQL	4.47	1	7/29/2010
1,2,3-Trichlorobenzene	BQL	4.47	1	7/29/2010
1,2,4-Trichlorobenzene	BQL	4.47	1	7/29/2010
Trichloroethene	BQL	4.47	1	7/29/2010
1,1,1-Trichloroethane	BQL	4.47	1	7/29/2010
1,1,2-Trichloroethane	BQL	4.47	1	7/29/2010
Trichlorofluoromethane	BQL	4.47	1	7/29/2010
1,2,3-Trichloropropane	BQL	4.47	1	7/29/2010
1,2,4-Trimethylbenzene	BQL	4.47	1	7/29/2010
1,3,5-Trimethylbenzene	BQL	4.47	1	7/29/2010
Vinyl chloride	BQL	4.47	1	7/29/2010
m-,p-Xylene	BQL	8.95	1	7/29/2010
o-Xylene	BQL	4.47	1	7/29/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	28.4	95
Toluene-d8	30	29.9	100
4-Bromofluorobenzene	30	29	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260/5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK8072410B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: BWS
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	1250	50	7/24/2010
Benzene	BQL	50.0	50	7/24/2010
Bromobenzene	BQL	50.0	50	7/24/2010
Bromochloromethane	BQL	50.0	50	7/24/2010
Bromodichloromethane	BQL	50.0	50	7/24/2010
Bromoform	BQL	50.0	50	7/24/2010
Bromomethane	BQL	50.0	50	7/24/2010
2-Butanone	BQL	1250	50	7/24/2010
n-Butylbenzene	BQL	50.0	50	7/24/2010
sec-Butylbenzene	BQL	50.0	50	7/24/2010
tert-Butylbenzene	BQL	50.0	50	7/24/2010
Carbon disulfide	BQL	50.0	50	7/24/2010
Carbon tetrachloride	BQL	50.0	50	7/24/2010
Chlorobenzene	BQL	50.0	50	7/24/2010
Chloroethane	BQL	50.0	50	7/24/2010
Chloroform	BQL	50.0	50	7/24/2010
Chloromethane	BQL	50.0	50	7/24/2010
2-Chlorotoluene	BQL	50.0	50	7/24/2010
4-Chlorotoluene	BQL	50.0	50	7/24/2010
Dibromochloromethane	BQL	50.0	50	7/24/2010
1,2-Dibromo-3-chloropropane	BQL	250	50	7/24/2010
Dibromomethane	BQL	50.0	50	7/24/2010
1,2-Dibromoethane (EDB)	BQL	50.0	50	7/24/2010
1,2-Dichlorobenzene	BQL	50.0	50	7/24/2010
1,3-Dichlorobenzene	BQL	50.0	50	7/24/2010
1,4-Dichlorobenzene	BQL	50.0	50	7/24/2010
trans-1,4-Dichloro-2-butene	BQL	250	50	7/24/2010
1,1-Dichloroethane	BQL	50.0	50	7/24/2010
1,1-Dichloroethene	BQL	50.0	50	7/24/2010
1,2-Dichloroethane	BQL	50.0	50	7/24/2010
cis-1,2-Dichloroethene	BQL	50.0	50	7/24/2010
trans-1,2-dichloroethene	BQL	50.0	50	7/24/2010
1,2-Dichloropropane	BQL	50.0	50	7/24/2010
1,3-Dichloropropane	BQL	50.0	50	7/24/2010
2,2-Dichloropropane	BQL	50.0	50	7/24/2010
1,1-Dichloropropene	BQL	50.0	50	7/24/2010
cis-1,3-Dichloropropene	BQL	50.0	50	7/24/2010
trans-1,3-Dichloropropene	BQL	50.0	50	7/24/2010
Dichlorodifluoromethane	BQL	250	50	7/24/2010
Diisopropyl ether (DIPE)	BQL	50.0	50	7/24/2010
Ethylbenzene	BQL	50.0	50	7/24/2010
Hexachlorobutadiene	BQL	50.0	50	7/24/2010
2-Hexanone	BQL	250	50	7/24/2010
Iodomethane	BQL	50.0	50	7/24/2010
Isopropylbenzene	BQL	50.0	50	7/24/2010

Results for Volatiles
by GCMS 8260/5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK8072410B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: BWS
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	50.0	50	7/24/2010
Methylene chloride	BQL	250	50	7/24/2010
4-Methyl-2-pentanone	BQL	250	50	7/24/2010
Methyl-tert-butyl ether (MTBE)	BQL	50.0	50	7/24/2010
Naphthalene	BQL	50.0	50	7/24/2010
n-Propyl benzene	BQL	50.0	50	7/24/2010
Styrene	BQL	50.0	50	7/24/2010
1,1,1,2-Tetrachloroethane	BQL	50.0	50	7/24/2010
1,1,2,2-Tetrachloroethane	BQL	50.0	50	7/24/2010
Tetrachloroethene	BQL	50.0	50	7/24/2010
Toluene	BQL	50.0	50	7/24/2010
1,2,3-Trichlorobenzene	BQL	50.0	50	7/24/2010
1,2,4-Trichlorobenzene	BQL	50.0	50	7/24/2010
Trichloroethene	BQL	50.0	50	7/24/2010
1,1,1-Trichloroethane	BQL	50.0	50	7/24/2010
1,1,2-Trichloroethane	BQL	50.0	50	7/24/2010
Trichlorofluoromethane	BQL	50.0	50	7/24/2010
1,2,3-Trichloropropane	BQL	50.0	50	7/24/2010
1,2,4-Trimethylbenzene	BQL	50.0	50	7/24/2010
1,3,5-Trimethylbenzene	BQL	50.0	50	7/24/2010
Vinyl chloride	BQL	50.0	50	7/24/2010
m-,p-Xylene	BQL	100	50	7/24/2010
o-Xylene	BQL	50.0	50	7/24/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	32.1	107
Toluene-d8	30	26.9	90
4-Bromofluorobenzene	30	27.1	90

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: BW

Reviewed By: [illegible]

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 50

Lab Code: NC00919 — Matrix: Soil (mediun

LCS: LCS8072410A — Filename: 0724803.D — Date Analyzed: 07/24/10 14:29

LCSD: LCS8072410B — Filename: 0724804.D — Date Analyzed: 07/24/10 14:53

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	1250	2340	187*	1250	2150	172*	8.57	30	70.0-130
acrolein	6250	7830	125	6250	7890	126	0.827	30	70.0-130
acrylonitrile	6250	6130	98.1	6250	6150	98.4	0.285	30	70.0-130
benzene	250	254	102	250	226	90.2	12.3	30	70.0-130
bromobenzene	250	258	103	250	237	94.8	8.68	30	70.0-130
bromochloromethane	250	246	98.2	250	218	87.0	12.1	30	70.0-130
bromodichloromethane	250	252	101	250	224	89.8	11.7	30	70.0-130
bromoform	250	280	112	250	257	103	8.57	30	70.0-130
bromomethane	250	275	110	250	278	111	1.08	30	70.0-130
2-butanone	1250	1560	125	1250	1790	143*	13.8	30	70.0-130
n-butylbenzene	250	235	94.0	250	204	81.8	13.9	30	70.0-130
sec-butylbenzene	250	246	98.4	250	221	88.4	10.7	30	70.0-130
tert-butylbenzene	250	239	95.8	250	210	84.2	12.9	30	70.0-130
Carbon disulfide	250	216	86.6	250	188	75.2	14.1	30	70.0-130
carbon tetrachloride	250	255	102	250	218	87.4	15.4	30	70.0-130
chlorobenzene	250	253	101	250	225	90.0	11.5	30	70.0-130
chloroethane	250	292	117	250	284	114	2.78	30	70.0-130
2-chloroethyl vinyl ether	6250	6380	102	6250	6480	104	1.56	30	70.0-130
chloroform	250	248	99.4	250	220	88.2	11.9	30	70.0-130
chloromethane	250	222	89.0	250	236	94.6	6.10	30	70.0-130
2-chlorotoluene	250	260	104	250	232	92.8	11.2	30	70.0-130
4-chlorotoluene	250	273	109	250	234	93.4	15.6	30	70.0-130
dibromochloromethane	250	262	105	250	231	92.4	12.6	30	70.0-130
1,2-dibromo-3-chloropropane	1500	1440	95.7	1500	1290	86.1	10.5	30	70.0-130
1,2-dibromoethane	250	270	108	250	233	93.2	14.5	30	70.0-130
dibromomethane	250	261	104	250	240	96.0	8.38	30	70.0-130
1,2-dichlorobenzene	250	258	103	250	232	92.8	10.6	30	70.0-130
1,3-dichlorobenzene	250	262	105	250	238	95.0	9.81	30	70.0-130
1,4-dichlorobenzene	250	260	104	250	226	90.6	14.0	30	70.0-130
trans-1,4-Dichloro-2-butene	1250	1720	137*	1250	1530	122	11.5	30	70.0-130
dichlorodifluoromethane	250	244	97.6	250	244	97.8	0.205	30	70.0-130
1,1-dichloroethane	250	241	96.6	250	220	88.0	9.32	30	70.0-130
1,2-dichloroethane	250	271	108	250	238	95.0	13.2	30	70.0-130
1,1-dichloroethene	250	224	89.6	250	202	81.0	10.1	30	70.0-130
cis-1,2-dichloroethene	250	238	95.2	250	214	85.8	10.4	30	70.0-130
trans-1,2-dichloroethene	250	236	94.6	250	206	82.4	13.8	30	70.0-130
1,2-dichloropropane	250	244	97.6	250	225	90.0	8.10	30	70.0-130
1,3-dichloropropane	250	258	103	250	233	93.2	9.99	30	70.0-130
2,2-dichloropropane	250	258	103	250	226	90.6	12.8	30	70.0-130
1,1-dichloropropene	250	250	100	250	246	98.6	1.61	30	70.0-130
cis-1,3-dichloropropene	250	267	107	250	248	99.0	7.58	30	70.0-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 50

Lab Code: NC00919 — Matrix: Soil (mediun

LCS: LCS8072410A — Filename: 0724803.D — Date Analyzed: 07/24/10 14:29

LCSD: LCS8072410B — Filename: 0724804.D — Date Analyzed: 07/24/10 14:53

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	250	265	106	250	234	93.6	12.4	30	70.0-130
Diisopropyl ether	250	246	98.2	250	226	90.4	8.27	30	70.0-130
ethylbenzene	250	226	90.4	250	208	83.4	8.06	30	70.0-130
hexachlorobutadiene	250	258	103	250	224	89.8	13.7	30	70.0-130
2-hexanone	1250	1680	135*	1250	1520	122	9.79	30	70.0-130
Iodomethane	250	228	91.0	250	218	87.0	4.49	30	70.0-130
isopropylbenzene	250	238	95.2	250	211	84.4	12.0	30	70.0-130
4-isopropyltoluene	250	242	96.8	250	218	87.0	10.7	30	70.0-130
Methyl-tert-butyl ether	250	290	116	250	256	103	12.4	30	70.0-130
methylene chloride	250	230	92.2	250	206	82.2	11.5	30	70.0-130
4-methyl-2-pentanone	1250	1400	112	1250	1310	105	6.80	30	70.0-130
naphthalene	250	260	104	250	235	94.2	9.89	30	70.0-130
n-propyl benzene	250	242	96.8	250	215	86.0	11.8	30	70.0-130
styrene	250	241	96.4	250	216	86.4	10.9	30	70.0-130
1,1,1,2-tetrachloroethane	250	274	109	250	244	97.4	11.6	30	70.0-130
1,1,2,2-tetrachloroethane	250	278	111	250	258	103	7.27	30	70.0-130
tetrachloroethene	250	254	102	250	228	91.4	10.8	30	70.0-130
toluene	250	251	100	250	230	92.2	8.12	30	70.0-130
1,2,3-trichlorobenzene	250	264	106	250	230	92.0	14.0	30	70.0-130
1,2,4-trichlorobenzene	250	248	99.4	250	224	89.6	10.4	30	70.0-130
1,1,1-trichloroethane	250	250	100	250	224	89.8	10.7	30	70.0-130
1,1,2-trichloroethane	250	267	107	250	232	92.6	14.2	30	70.0-130
trichloroethene	250	246	98.2	250	224	89.8	8.94	30	70.0-130
trichlorofluoromethane	250	238	95.4	250	238	95.4	0.00	30	70.0-130
1,2,3-trichloropropane	250	303	121	250	264	106	13.8	30	70.0-130
1,2,4-trimethylbenzene	250	252	101	250	221	88.4	13.1	30	70.0-130
1,3,5-trimethylbenzene	250	244	97.6	250	223	89.2	8.99	30	70.0-130
Vinyl acetate	625	578	92.5	625	502	80.4	14.0	30	70.0-130
vinyl chloride	250	236	94.6	250	241	96.4	1.88	30	70.0-130
m/p-xylene	500	478	95.5	500	422	84.3	12.4	30	70.0-130
o-xylene	250	224	89.6	250	206	82.6	8.13	30	70.0-130

System Monitoring Compound Results

		LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	30	30.36	101	30	31.21	104	86.1-114
17060-07-0	1,2-Dichloroethane-d4	30	29.55	98.5	30	29.61	98.7	81.0-124
2037-26-5	Toluene-d8	30	29.64	98.8	30	30.19	101	94.0-107

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS Spike Recovery: 3 failure(s) out of 72. LCSD Spike Recovery: 2 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS: _____

Analyst: BW

Reviewed by: [signature]

SGS Environmental Services

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental Lab Code: NC00919 Inst: MSD8

	EPA Sample No.:	Amt.	Filenames:	Analysis Dates:	Batch: 8072410
Sample	G934-28-6D	6.37 g	0724812.D	2010-07-24 18:17:00	Dilution: 100
MS	G934-28-9C	6.16 g	0724815.D	2010-07-24 19:31:00	Matrix: Soil(meduim)
MSD	G934-28-10B	5.96 g	0724816.D	2010-07-24 19:56:00	Solids: 75.7

COMPOUND	SAMPLE CONC (µg/kg)	MS SPIKE (µg/kg)	MS CONC (µg/kg)	MS % REC #	MSD SPIKE (µg/kg)	MSD CONC (µg/kg)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	BQL	5360	8500	122	5540	7890	107	13.1	30	70.0-130
acrolein	13500	26800	38600	93.3	27700	38200	88.9	4.90	30	70.0-130
acrylonitrile	BQL	26800	30300	98.3	27700	30100	94.3	4.16	30	70.0-130
benzene	BQL	1070	1190	111	1110	1160	105	5.92	30	70.0-130
bromobenzene	BQL	1070	1080	100	1110	1030	93.0	7.65	30	70.0-130
bromochloromethane	BQL	1070	1070	100	1110	1040	93.4	6.82	30	70.0-130
bromodichloromethane	1180	1070	879	-28.0*	1110	842	-30.5*	8.29	30	70.0-130
bromoform	BQL	1070	808	71.5	1110	827	70.8	0.947	30	70.0-130
bromomethane	BQL	1070	1020	82.2	1110	1070	84.1	2.19	30	70.0-130
2-butanone	9400	5360	17200	145*	5540	16000	120	19.4	30	70.0-130
n-butylbenzene	496	1070	1540	97.2	1110	1390	81.1	18.1	30	70.0-130
sec-butylbenzene	317	1070	1400	101	1110	1280	87.4	14.1	30	70.0-130
tert-butylbenzene	BQL	1070	1240	99.6	1110	1190	91.7	8.22	30	70.0-130
Carbon disulfide	BQL	1070	748	69.8*	1110	745	67.2*	3.80	30	70.0-130
carbon tetrachloride	BQL	1070	914	85.2	1110	873	78.8	7.80	30	70.0-130
chlorobenzene	BQL	1070	1130	105	1110	1060	95.4	9.77	30	70.0-130
chloroethane	BQL	1070	388	36.2*	1110	492	44.4*	20.3	30	70.0-130
2-chloroethyl vinyl ether	BQL	26800	24700	92.2	27700	27100	97.9	6.01	30	70.0-130
chloroform	BQL	1070	1230	109	1110	1120	95.8	12.9	30	70.0-130
chloromethane	BQL	1070	898	83.8	1110	953	86.0	2.59	30	70.0-130
2-chlorotoluene	BQL	1070	1270	113	1110	1170	100	12.0	30	70.0-130
4-chlorotoluene	BQL	1070	1180	110	1110	1120	101	8.51	30	70.0-130
dibromochloromethane	BQL	1070	826	77.0	1110	791	71.4	7.55	30	70.0-130
1,2-dibromo-3-chloropropane	BQL	6430	5830	74.6	6650	5470	66.8*	11.0	30	70.0-130
1,2-dibromoethane	BQL	1070	995	92.8	1110	975	88.0	5.31	30	70.0-130
dibromomethane	BQL	1070	1110	104	1110	1010	91.4	12.7	30	70.0-130
1,2-dichlorobenzene	BQL	1070	1140	106	1110	1080	97.4	8.83	30	70.0-130
1,3-dichlorobenzene	BQL	1070	1140	107	1110	1100	99.0	7.39	30	70.0-130
1,4-dichlorobenzene	BQL	1070	1160	108	1110	1090	98.8	9.27	30	70.0-130
trans-1,4-Dichloro-2-butene	BQL	5360	5420	98.2	5540	5210	91.1	7.55	30	70.0-130
dichlorodifluoromethane	BQL	1070	907	84.6	1110	942	85.0	0.472	30	70.0-130
1,1-dichloroethane	BQL	1070	1080	94.6	1110	1000	84.2	11.6	30	70.0-130
1,2-dichloroethane	BQL	1070	1080	101	1110	1040	93.8	7.39	30	70.0-130
1,1-dichloroethene	BQL	1070	1050	97.8	1110	980	88.4	10.1	30	70.0-130
cis-1,2-dichloroethene	BQL	1070	1080	100	1110	980	88.4	12.7	30	70.0-130
trans-1,2-dichloroethene	BQL	1070	1020	95.4	1110	984	88.8	7.17	30	70.0-130
1,2-dichloropropane	BQL	1070	1670	156*	1110	1410	128	19.8	30	70.0-130
1,3-dichloropropane	BQL	1070	1090	101	1110	1020	92.2	9.50	30	70.0-130
2,2-dichloropropane	BQL	1070	903	84.2	1110	820	74.0	12.9	30	70.0-130
1,1-dichloropropene	BQL	1070	1200	112	1110	1110	100	11.5	30	70.0-130
cis-1,3-dichloropropene	BQL	1070	1010	94.0	1110	971	87.6	7.05	30	70.0-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: Values adjusted for 10 ul Final volume for MS/MSD +Percent

SGS Environmental Services

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Inst: MSD8

Lab Code: NC00919 — Batch: 8072410

EPA Sample No.: G934-28-6D, G934-28-9C, G934-28-10B — Dilution: 100

Filenames: 0724812.D, 0724815.D, 0724816.D — Matrix: Soil(meduim)

COMPOUND	SAMPLE CONC (µg/kg)	MS SPIKE (µg/kg)	MS CONC (µg/kg)	MS % REC #	MSD SPIKE (µg/kg)	MSD CONC (µg/kg)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	BQL	1070	926	86.4	1110	904	81.6	5.71	30	70.0-130
Diisopropyl ether	BQL	1070	1060	99.2	1110	1040	93.6	5.81	30	70.0-130
ethylbenzene	BQL	1070	1170	100	1110	1090	89.8	11.2	30	70.0-130
hexachlorobutadiene	BQL	1070	1510	141*	1110	1400	127	10.9	30	70.0-130
2-hexanone	8520	5360	16300	144*	5540	11700	58.1*	85.4*	30	70.0-130
Iodomethane	234	1070	847	57.1*	1110	869	57.2*	0.192	30	70.0-130
isopropylbenzene	280	1070	1340	99.1	1110	1250	87.5	12.4	30	70.0-130
4-isopropyltoluene	352	1070	1410	98.7	1110	1290	85.0	15.0	30	70.0-130
Methyl-tert-butyl ether	BQL	1070	1310	122	1110	1270	114	6.59	30	70.0-130
methylene chloride	BQL	1070	1000	88.8	1110	951	81.3	8.76	30	70.0-130
4-methyl-2-pentanone	6330	5360	14800	157*	5540	10600	77.6	67.8*	30	70.0-130
naphthalene	373	1070	1800	133*	1110	1720	121	9.64	30	70.0-130
n-propyl benzene	415	1070	1490	100	1110	1290	78.8	24.2	30	70.0-130
styrene	BQL	1070	1130	105	1110	1070	96.8	8.32	30	70.0-130
1,1,1,2-tetrachloroethane	BQL	1070	826	77.0	1110	796	71.8	6.99	30	70.0-130
1,1,2,2-tetrachloroethane	BQL	1070	1750	146*	1110	1490	118	21.3	30	70.0-130
tetrachloroethene	BQL	1070	1000	93.4	1110	986	89.0	4.82	30	70.0-130
toluene	BQL	1070	1120	104	1110	1060	95.6	8.61	30	70.0-130
1,2,3-trichlorobenzene	240	1070	1440	112	1110	1350	100	11.6	30	70.0-130
1,2,4-trichlorobenzene	299	1070	1520	114	1110	1430	102	11.0	30	70.0-130
1,1,1-trichloroethane	BQL	1070	993	92.6	1110	922	83.2	10.7	30	70.0-130
1,1,2-trichloroethane	3330	1070	3940	56.4*	1110	3060	-24.1*	499*	30	70.0-130
trichloroethene	BQL	1070	1280	112	1110	1190	101	10.5	30	70.0-130
trichlorofluoromethane	BQL	1070	290	27.0*	1110	324	29.2*	7.83	30	70.0-130
1,2,3-trichloropropane	BQL	1070	1210	102	1110	1020	81.7	22.2	30	70.0-130
1,2,4-trimethylbenzene	817	1070	2060	116	1110	1640	74.7	43.5*	30	70.0-130
1,3,5-trimethylbenzene	BQL	1070	1160	95.6	1110	1120	88.8	7.36	30	70.0-130
Vinyl acetate	3000	2680	1240	-65.8*	2770	2530	-17.2*	117*	30	70.0-130
vinyl chloride	BQL	1070	991	92.4	1110	1060	95.4	3.19	30	70.0-130
m/p-xylene	BQL	2140	2280	98.2	2220	2140	89.0	9.76	30	70.0-130
o-xylene	BQL	1070	1250	100	1110	1190	91.3	9.04	30	70.0-130

System Monitoring Compound Results

		MS SPIKE (µg/kg)	MS CONC (µg/kg)	MS % REC #	MSD SPIKE (µg/kg)	MSD CONC (µg/kg)	MSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	30	31.19	104	30	30.66	102	49.1-151
17060-07-0	1,2-Dichloroethane-d4	30	27.72	92.4	30	26.85	89.5	37.8-170
2037-26-5	Toluene-d8	30	30.12	100	30	29.73	99.1	58.8-144

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MS Spike Recovery: 14 failure(s) out of 72. MSD Spike Recovery: 9 failure(s) out of 72.

RPD: 5 out of 72 outside of limits

COMMENTS: LCS/LCSD PASS CRITERIA 8/4/10

Analyst: BJS

Reviewed by: [illegible]

Results for Volatiles
by GCMS 8260

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK8072610B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: BWS
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	1250	50	7/26/2010
Benzene	BQL	50.0	50	7/26/2010
Bromobenzene	BQL	50.0	50	7/26/2010
Bromochloromethane	BQL	50.0	50	7/26/2010
Bromodichloromethane	BQL	50.0	50	7/26/2010
Bromoform	BQL	50.0	50	7/26/2010
Bromomethane	BQL	50.0	50	7/26/2010
2-Butanone	BQL	1250	50	7/26/2010
n-Butylbenzene	BQL	50.0	50	7/26/2010
sec-Butylbenzene	BQL	50.0	50	7/26/2010
tert-Butylbenzene	BQL	50.0	50	7/26/2010
Carbon disulfide	BQL	50.0	50	7/26/2010
Carbon tetrachloride	BQL	50.0	50	7/26/2010
Chlorobenzene	BQL	50.0	50	7/26/2010
Chloroethane	BQL	50.0	50	7/26/2010
Chloroform	BQL	50.0	50	7/26/2010
Chloromethane	BQL	50.0	50	7/26/2010
2-Chlorotoluene	BQL	50.0	50	7/26/2010
4-Chlorotoluene	BQL	50.0	50	7/26/2010
Dibromochloromethane	BQL	50.0	50	7/26/2010
1,2-Dibromo-3-chloropropane	BQL	250	50	7/26/2010
Dibromomethane	BQL	50.0	50	7/26/2010
1,2-Dibromoethane (EDB)	BQL	50.0	50	7/26/2010
1,2-Dichlorobenzene	BQL	50.0	50	7/26/2010
1,3-Dichlorobenzene	BQL	50.0	50	7/26/2010
1,4-Dichlorobenzene	BQL	50.0	50	7/26/2010
trans-1,4-Dichloro-2-butene	BQL	250	50	7/26/2010
1,1-Dichloroethane	BQL	50.0	50	7/26/2010
1,1-Dichloroethene	BQL	50.0	50	7/26/2010
1,2-Dichloroethane	BQL	50.0	50	7/26/2010
cis-1,2-Dichloroethene	BQL	50.0	50	7/26/2010
trans-1,2-dichloroethene	BQL	50.0	50	7/26/2010
1,2-Dichloropropane	BQL	50.0	50	7/26/2010
1,3-Dichloropropane	BQL	50.0	50	7/26/2010
2,2-Dichloropropane	BQL	50.0	50	7/26/2010
1,1-Dichloropropene	BQL	50.0	50	7/26/2010
cis-1,3-Dichloropropene	BQL	50.0	50	7/26/2010
trans-1,3-Dichloropropene	BQL	50.0	50	7/26/2010
Dichlorodifluoromethane	BQL	250	50	7/26/2010
Diisopropyl ether (DIPE)	BQL	50.0	50	7/26/2010
Ethylbenzene	BQL	50.0	50	7/26/2010
Hexachlorobutadiene	BQL	50.0	50	7/26/2010
2-Hexanone	BQL	250	50	7/26/2010
Iodomethane	BQL	50.0	50	7/26/2010
Isopropylbenzene	BQL	50.0	50	7/26/2010

Results for Volatiles
by GCMS 8260

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK8072610B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: BWS
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	50.0	50	7/26/2010
Methylene chloride	BQL	250	50	7/26/2010
4-Methyl-2-pentanone	BQL	250	50	7/26/2010
Methyl-tert-butyl ether (MTBE)	BQL	50.0	50	7/26/2010
Naphthalene	BQL	50.0	50	7/26/2010
n-Propyl benzene	BQL	50.0	50	7/26/2010
Styrene	BQL	50.0	50	7/26/2010
1,1,1,2-Tetrachloroethane	BQL	50.0	50	7/26/2010
1,1,2,2-Tetrachloroethane	BQL	50.0	50	7/26/2010
Tetrachloroethene	BQL	50.0	50	7/26/2010
Toluene	BQL	50.0	50	7/26/2010
1,2,3-Trichlorobenzene	BQL	50.0	50	7/26/2010
1,2,4-Trichlorobenzene	BQL	50.0	50	7/26/2010
Trichloroethene	BQL	50.0	50	7/26/2010
1,1,1-Trichloroethane	BQL	50.0	50	7/26/2010
1,1,2-Trichloroethane	BQL	50.0	50	7/26/2010
Trichlorofluoromethane	BQL	50.0	50	7/26/2010
1,2,3-Trichloropropane	BQL	50.0	50	7/26/2010
1,2,4-Trimethylbenzene	BQL	50.0	50	7/26/2010
1,3,5-Trimethylbenzene	BQL	50.0	50	7/26/2010
Vinyl chloride	BQL	50.0	50	7/26/2010
m-,p-Xylene	BQL	100	50	7/26/2010
o-Xylene	BQL	50.0	50	7/26/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	29.3	98
Toluene-d8	30	27.3	91
4-Bromofluorobenzene	30	27.5	92

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVD

Reviewed By: [signature]

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 50

Lab Code: NC00919 — Matrix: Soil (mediun

LCS: LCS8072610A — Filename: 0726804.D — Date Analyzed: 07/26/10 10:27

LCSD: LCS8072610B — Filename: 0726805.D — Date Analyzed: 07/26/10 10:51

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	1250	1950	156*	1250	1930	155*	0.927	30	70.0-130
acrolein	6250	7820	125	6250	8280	132*	5.71	30	70.0-130
acrylonitrile	6250	6120	98.0	6250	6460	103	5.37	30	70.0-130
benzene	250	253	101	250	244	97.8	3.22	30	70.0-130
bromobenzene	250	254	101	250	238	95.0	6.52	30	70.0-130
bromochloromethane	250	223	89.2	250	230	91.8	2.87	30	70.0-130
bromodichloromethane	250	235	94.2	250	221	88.6	6.13	30	70.0-130
bromoform	250	262	105	250	249	99.6	5.09	30	70.0-130
bromomethane	250	270	108	250	275	110	2.20	30	70.0-130
2-butanone	1250	1710	137*	1250	1410	113	19.5	30	70.0-130
n-butylbenzene	250	242	96.8	250	224	89.6	7.72	30	70.0-130
sec-butylbenzene	250	247	98.8	250	232	93.0	6.05	30	70.0-130
tert-butylbenzene	250	246	98.2	250	228	91.0	7.61	30	70.0-130
Carbon disulfide	250	199	79.6	250	187	75.0	5.95	30	70.0-130
carbon tetrachloride	250	222	89.0	250	210	84.0	5.78	30	70.0-130
chlorobenzene	250	256	102	250	244	97.6	4.41	30	70.0-130
chloroethane	250	280	112	250	290	116	3.16	30	70.0-130
2-chloroethyl vinyl ether	6250	6320	101	6250	6810	109	7.36	30	70.0-130
chloroform	250	234	93.6	250	226	90.6	3.26	30	70.0-130
chloromethane	250	206	82.4	250	226	90.6	9.48	30	70.0-130
2-chlorotoluene	250	268	107	250	242	96.8	10.4	30	70.0-130
4-chlorotoluene	250	269	108	250	256	102	4.95	30	70.0-130
dibromochloromethane	250	234	93.4	250	235	94.0	0.640	30	70.0-130
1,2-dibromo-3-chloropropane	1500	1390	92.6	1500	1340	89.7	3.18	30	70.0-130
1,2-dibromoethane	250	254	102	250	248	99.0	2.59	30	70.0-130
dibromomethane	250	252	101	250	246	98.6	2.40	30	70.0-130
1,2-dichlorobenzene	250	258	103	250	240	96.2	6.83	30	70.0-130
1,3-dichlorobenzene	250	266	106	250	250	100	6.00	30	70.0-130
1,4-dichlorobenzene	250	257	103	250	244	97.8	4.98	30	70.0-130
trans-1,4-Dichloro-2-butene	1250	1550	124	1250	1500	120	3.24	30	70.0-130
dichlorodifluoromethane	250	211	84.4	250	226	90.2	6.64	30	70.0-130
1,1-dichloroethane	250	231	92.4	250	216	86.6	6.48	30	70.0-130
1,2-dichloroethane	250	246	98.2	250	236	94.4	3.95	30	70.0-130
1,1-dichloroethene	250	220	88.0	250	204	81.6	7.55	30	70.0-130
cis-1,2-dichloroethene	250	238	95.2	250	221	88.6	7.18	30	70.0-130
trans-1,2-dichloroethene	250	228	91.0	250	210	84.2	7.76	30	70.0-130
1,2-dichloropropane	250	250	100	250	239	95.8	4.49	30	70.0-130
1,3-dichloropropane	250	260	104	250	241	96.6	7.18	30	70.0-130
2,2-dichloropropane	250	232	92.8	250	224	89.8	3.28	30	70.0-130
1,1-dichloropropene	250	248	99.0	250	229	91.6	7.76	30	70.0-130
cis-1,3-dichloropropene	250	263	105	250	241	96.4	8.73	30	70.0-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 50

Lab Code: NC00919 — Matrix: Soil (medium

LCS: LCS8072610A — Filename: 0726804.D — Date Analyzed: 07/26/10 10:27

LCSD: LCS8072610B — Filename: 0726805.D — Date Analyzed: 07/26/10 10:51

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	250	248	99.2	250	238	95.4	3.90	30	70.0-130
Diisopropyl ether	250	252	101	250	234	93.8	7.19	30	70.0-130
ethylbenzene	250	242	96.8	250	230	91.8	5.30	30	70.0-130
hexachlorobutadiene	250	264	106	250	240	96.0	9.71	30	70.0-130
2-hexanone	1250	1590	127	1250	1530	122	3.78	30	70.0-130
Iodomethane	250	210	83.8	250	206	82.6	1.44	30	70.0-130
isopropylbenzene	250	244	97.4	250	230	92.0	5.70	30	70.0-130
4-isopropyltoluene	250	252	101	250	230	92.2	8.91	30	70.0-130
Methyl-tert-butyl ether	250	302	121	250	285	114	5.79	30	70.0-130
methylene chloride	250	216	86.6	250	210	83.8	3.29	30	70.0-130
4-methyl-2-pentanone	1250	1400	112	1250	1350	108	3.20	30	70.0-130
naphthalene	250	303	121	250	272	109	10.8	30	70.0-130
n-propyl benzene	250	241	96.4	250	225	90.0	6.87	30	70.0-130
styrene	250	246	98.6	250	230	92.0	6.92	30	70.0-130
1,1,1,2-tetrachloroethane	250	252	101	250	244	97.4	3.43	30	70.0-130
1,1,2,2-tetrachloroethane	250	265	106	250	252	101	5.22	30	70.0-130
tetrachloroethene	250	250	100	250	238	95.4	4.71	30	70.0-130
toluene	250	248	99.2	250	237	94.8	4.54	30	70.0-130
1,2,3-trichlorobenzene	250	280	112	250	254	102	9.74	30	70.0-130
1,2,4-trichlorobenzene	250	262	105	250	244	97.6	7.30	30	70.0-130
1,1,1-trichloroethane	250	229	91.6	250	217	86.8	5.38	30	70.0-130
1,1,2-trichloroethane	250	254	101	250	246	98.4	3.00	30	70.0-130
trichloroethene	250	249	99.6	250	235	94.2	5.57	30	70.0-130
trichlorofluoromethane	250	211	84.6	250	228	91.2	7.51	30	70.0-130
1,2,3-trichloropropane	250	292	117	250	277	111	5.27	30	70.0-130
1,2,4-trimethylbenzene	250	251	100	250	237	94.8	5.74	30	70.0-130
1,3,5-trimethylbenzene	250	252	101	250	234	93.8	7.19	30	70.0-130
Vinyl acetate	625	550	88.0	625	515	82.4	6.57	30	70.0-130
vinyl chloride	250	228	91.4	250	239	95.6	4.49	30	70.0-130
m/p-xylene	500	497	99.4	500	458	91.5	8.28	30	70.0-130
o-xylene	250	232	93.0	250	222	89.0	4.40	30	70.0-130

System Monitoring Compound Results

		LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	30	30.86	103	30	31.42	105	86.1-114
17060-07-0	1,2-Dichloroethane-d4	30	28.07	93.6	30	28.08	93.6	81.0-124
2037-26-5	Toluene-d8	30	29.13	97.1	30	29.99	100	94.0-107

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS Spike Recovery: 2 failure(s) out of 72. LCSD Spike Recovery: 2 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS: _____

Analyst: DVD

Reviewed by: [signature]

SGS Environmental Services

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental Lab Code: NC00919 Inst: MSD8

	EPA Sample No.:	Amt.	Filenames:	Analysis Dates:	
					Batch: 8072610
Sample	g934-30-3d	5.78 g	0726817.D	2010-07-26 15:48:00	Dilution: 100
MS	g934-30-4d	5.79 g	0726818.D	2010-07-26 16:13:00	Matrix: Soil(meduim)
MSD	g934-30-5d	5.9 g	0726819.D	2010-07-26 16:37:00	Solids: 79.3

COMPOUND	SAMPLE CONC (µg/kg)	MS SPIKE (µg/kg)	MS CONC (µg/kg)	MS % REC #	MSD SPIKE (µg/kg)	MSD CONC (µg/kg)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	BQL	2720	3640	134*	2670	3040	114	16.2	30	70.0-130
acrolein	BQL	13600	17700	130*	13400	19800	148*	12.8	30	70.0-130
acrylonitrile	BQL	13600	14600	108	13400	16500	124	13.8	30	70.0-130
benzene	BQL	544	616	113	534	600	112	0.709	30	70.0-130
bromobenzene	BQL	544	596	109	534	530	99.2	9.78	30	70.0-130
bromochloromethane	BQL	544	506	93.0	534	513	96.0	3.17	30	70.0-130
bromodichloromethane	BQL	544	443	81.4	534	457	85.6	5.03	30	70.0-130
bromoform	BQL	544	473	86.8	534	384	71.8	18.9	30	70.0-130
bromomethane	BQL	544	577	106	534	568	106	0.377	30	70.0-130
2-butanone	BQL	2720	3830	141*	2670	4470	167*	17.2	30	70.0-130
n-butylbenzene	BQL	544	657	120	534	1110	207*	52.9*	30	70.0-130
sec-butylbenzene	421	544	591	31.3*	534	926	94.6	101*	30	70.0-130
tert-butylbenzene	BQL	544	594	109	534	625	117	6.90	30	70.0-130
Carbon disulfide	BQL	544	354	65.0*	534	377	70.6	8.26	30	70.0-130
carbon tetrachloride	BQL	544	429	78.8	534	446	83.4	5.67	30	70.0-130
chlorobenzene	BQL	544	573	105	534	546	102	2.89	30	70.0-130
chloroethane	BQL	544	209	38.4*	534	242	45.4*	16.7	30	70.0-130
2-chloroethyl vinyl ether	BQL	13600	15600	114	13400	14800	111	3.36	30	70.0-130
chloroform	BQL	544	514	94.4	534	608	114	18.6	30	70.0-130
chloromethane	BQL	544	482	88.6	534	502	94.0	5.91	30	70.0-130
2-chlorotoluene	BQL	544	622	114	534	648	121	5.95	30	70.0-130
4-chlorotoluene	BQL	544	596	109	534	613	115	4.82	30	70.0-130
dibromochloromethane	BQL	544	429	78.8	534	392	73.4	7.10	30	70.0-130
1,2-dibromo-3-chloropropane	BQL	3270	3140	96.0	3210	2820	88.0	8.73	30	70.0-130
1,2-dibromoethane	BQL	544	570	105	534	493	92.2	12.6	30	70.0-130
dibromomethane	BQL	544	551	101	534	542	101	0.197	30	70.0-130
1,2-dichlorobenzene	BQL	544	585	107	534	560	105	2.45	30	70.0-130
1,3-dichlorobenzene	BQL	544	596	109	534	570	107	2.59	30	70.0-130
1,4-dichlorobenzene	BQL	544	592	109	534	616	115	5.71	30	70.0-130
trans-1,4-Dichloro-2-butene	BQL	2720	3060	112	2670	2760	103	8.44	30	70.0-130
dichlorodifluoromethane	BQL	544	466	85.6	534	482	90.2	5.23	30	70.0-130
1,1-dichloroethane	BQL	544	537	98.6	534	563	105	6.67	30	70.0-130
1,2-dichloroethane	BQL	544	535	98.2	534	535	100	2.02	30	70.0-130
1,1-dichloroethene	BQL	544	484	89.0	534	497	93.0	4.40	30	70.0-130
cis-1,2-dichloroethene	BQL	544	529	97.2	534	528	98.8	1.63	30	70.0-130
trans-1,2-dichloroethene	BQL	544	512	94.0	534	509	95.2	1.27	30	70.0-130
1,2-dichloropropane	BQL	544	593	109	534	759	142*	26.3	30	70.0-130
1,3-dichloropropane	BQL	544	559	103	534	531	99.4	3.17	30	70.0-130
2,2-dichloropropane	BQL	544	429	78.8	534	433	81.0	2.75	30	70.0-130
1,1-dichloropropene	BQL	544	549	101	534	559	105	3.70	30	70.0-130
cis-1,3-dichloropropene	BQL	544	524	96.2	534	499	93.4	2.95	30	70.0-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

SGS Environmental Services

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Inst: MSD8

Lab Code: NC00919 — Batch: 8072610

EPA Sample No.: g934-30-3d, g934-30-4d, g934-30-5d — Dilution: 100

Filenames: 0726817.D, 0726818.D, 0726819.D — Matrix: Soil(meduim)

COMPOUND	SAMPLE CONC (µg/kg)	MS SPIKE (µg/kg)	MS CONC (µg/kg)	MS % REC #	MSD SPIKE (µg/kg)	MSD CONC (µg/kg)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	BQL	544	466	85.6	534	452	84.6	1.18	30	70.0-130
Diisopropyl ether	BQL	544	570	105	534	549	103	1.74	30	70.0-130
ethylbenzene	1590	544	726	-158*	534	1410	-33.0*	131*	30	70.0-130
hexachlorobutadiene	BQL	544	623	114	534	784	147*	24.8	30	70.0-130
2-hexanone	BQL	2720	3080	113	2670	6080	228*	67.2*	30	70.0-130
Iodomethane	BQL	544	394	72.4	534	417	78.0	7.45	30	70.0-130
isopropylbenzene	596	544	625	5.41*	534	986	73.1	172*	30	70.0-130
4-isopropyltoluene	1060	544	632	-78.7*	534	1420	66.8*	2430*	30	70.0-130
Methyl-tert-butyl ether	BQL	544	662	122	534	669	125	2.92	30	70.0-130
methylene chloride	BQL	544	492	90.4	534	510	95.4	5.38	30	70.0-130
4-methyl-2-pentanone	BQL	2720	2940	108	2670	9910	371*	110*	30	70.0-130
naphthalene	420	544	914	90.7	534	1100	127	33.7*	30	70.0-130
n-propyl benzene	953	544	597	-65.5*	534	1310	66.2*	39400*	30	70.0-130
styrene	BQL	544	560	103	534	568	106	3.44	30	70.0-130
1,1,1,2-tetrachloroethane	BQL	544	474	87.0	534	410	76.8	12.4	30	70.0-130
1,1,2,2-tetrachloroethane	BQL	544	604	111	534	1330	248*	76.5*	30	70.0-130
tetrachloroethene	BQL	544	575	106	534	514	96.2	9.32	30	70.0-130
toluene	121	544	585	85.2	534	579	85.7	0.676	30	70.0-130
1,2,3-trichlorobenzene	BQL	544	702	129	534	742	139*	7.32	30	70.0-130
1,2,4-trichlorobenzene	BQL	544	715	131*	534	736	138*	4.75	30	70.0-130
1,1,1-trichloroethane	BQL	544	478	87.8	534	469	87.8	0.00	30	70.0-130
1,1,2-trichloroethane	BQL	544	728	134*	534	6900	1290*	162*	30	70.0-130
trichloroethene	BQL	544	577	106	534	645	121	13.0	30	70.0-130
trichlorofluoromethane	BQL	544	162	29.8*	534	164	30.8*	3.30	30	70.0-130
1,2,3-trichloropropane	BQL	544	661	121	534	489	91.6	28.0	30	70.0-130
1,2,4-trimethylbenzene	4810	544	790	-738*	534	3950	-161*	128*	30	70.0-130
1,3,5-trimethylbenzene	1470	544	625	-155*	534	1560	17.8*	252*	30	70.0-130
Vinyl acetate	BQL	1360	1070	79.0	1340	1320	99.0	22.6	30	70.0-130
vinyl chloride	BQL	544	528	97.0	534	544	102	4.83	30	70.0-130
m/p-xylene	2520	1090	1340	-109*	1070	1900	-58.0*	60.9*	30	70.0-130
o-xylene	408	544	649	44.3*	534	628	41.2*	7.07	30	70.0-130

System Monitoring Compound Results

		MS SPIKE (µg/kg)	MS CONC (µg/kg)	MS % REC #	MSD SPIKE (µg/kg)	MSD CONC (µg/kg)	MSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	30	30.48	102	30	31.5	105	49.1-151
17060-07-0	1,2-Dichloroethane-d4	30	26.29	87.6	30	27.29	91.0	37.8-170
2037-26-5	Toluene-d8	30	29.42	98.1	30	30.8	103	58.8-144

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MS Spike Recovery: 17 failure(s) out of 72. MSD Spike Recovery: 20 failure(s) out of 72.

RPD: 14 out of 72 outside of limits

COMMENTS: _____

Analyst: DVD

Reviewed by: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID VBLK4072910D
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	50.0	1	7/29/2010
Benzene	BQL	5.00	1	7/29/2010
Bromobenzene	BQL	5.00	1	7/29/2010
Bromochloromethane	BQL	5.00	1	7/29/2010
Bromodichloromethane	BQL	5.00	1	7/29/2010
Bromoform	BQL	5.00	1	7/29/2010
Bromomethane	BQL	5.00	1	7/29/2010
2-Butanone	BQL	25.0	1	7/29/2010
n-Butylbenzene	BQL	5.00	1	7/29/2010
sec-Butylbenzene	BQL	5.00	1	7/29/2010
tert-Butylbenzene	BQL	5.00	1	7/29/2010
Carbon disulfide	BQL	5.00	1	7/29/2010
Carbon tetrachloride	BQL	5.00	1	7/29/2010
Chlorobenzene	BQL	5.00	1	7/29/2010
Chloroethane	BQL	5.00	1	7/29/2010
Chloroform	BQL	5.00	1	7/29/2010
Chloromethane	BQL	5.00	1	7/29/2010
2-Chlorotoluene	BQL	5.00	1	7/29/2010
4-Chlorotoluene	BQL	5.00	1	7/29/2010
Dibromochloromethane	BQL	5.00	1	7/29/2010
1,2-Dibromo-3-chloropropane	BQL	25.0	1	7/29/2010
Dibromomethane	BQL	5.00	1	7/29/2010
1,2-Dibromoethane (EDB)	BQL	5.00	1	7/29/2010
1,2-Dichlorobenzene	BQL	5.00	1	7/29/2010
1,3-Dichlorobenzene	BQL	5.00	1	7/29/2010
1,4-Dichlorobenzene	BQL	5.00	1	7/29/2010
trans-1,4-Dichloro-2-butene	BQL	25.0	1	7/29/2010
1,1-Dichloroethane	BQL	5.00	1	7/29/2010
1,1-Dichloroethene	BQL	5.00	1	7/29/2010
1,2-Dichloroethane	BQL	5.00	1	7/29/2010
cis-1,2-Dichloroethene	BQL	5.00	1	7/29/2010
trans-1,2-dichloroethene	BQL	5.00	1	7/29/2010
1,2-Dichloropropane	BQL	5.00	1	7/29/2010
1,3-Dichloropropane	BQL	5.00	1	7/29/2010
2,2-Dichloropropane	BQL	5.00	1	7/29/2010
1,1-Dichloropropene	BQL	5.00	1	7/29/2010
cis-1,3-Dichloropropene	BQL	5.00	1	7/29/2010
trans-1,3-Dichloropropene	BQL	5.00	1	7/29/2010
Dichlorodifluoromethane	BQL	5.00	1	7/29/2010
Diisopropyl ether (DIPE)	BQL	5.00	1	7/29/2010
Ethylbenzene	BQL	5.00	1	7/29/2010
Hexachlorobutadiene	BQL	5.00	1	7/29/2010
2-Hexanone	BQL	12.5	1	7/29/2010
Iodomethane	BQL	5.00	1	7/29/2010

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID VBLK4072910D
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	5.00	1	7/29/2010
4-Isopropyltoluene	BQL	5.00	1	7/29/2010
Methylene chloride	BQL	20.0	1	7/29/2010
4-Methyl-2-pentanone	BQL	12.5	1	7/29/2010
Methyl-tert-butyl ether (MTBE)	BQL	5.00	1	7/29/2010
Naphthalene	BQL	5.00	1	7/29/2010
n-Propyl benzene	BQL	5.00	1	7/29/2010
Styrene	BQL	5.00	1	7/29/2010
1,1,1,2-Tetrachloroethane	BQL	5.00	1	7/29/2010
1,1,2,2-Tetrachloroethane	BQL	5.00	1	7/29/2010
Tetrachloroethene	BQL	5.00	1	7/29/2010
Toluene	BQL	5.00	1	7/29/2010
1,2,3-Trichlorobenzene	BQL	5.00	1	7/29/2010
1,2,4-Trichlorobenzene	BQL	5.00	1	7/29/2010
Trichloroethene	BQL	5.00	1	7/29/2010
1,1,1-Trichloroethane	BQL	5.00	1	7/29/2010
1,1,2-Trichloroethane	BQL	5.00	1	7/29/2010
Trichlorofluoromethane	BQL	5.00	1	7/29/2010
1,2,3-Trichloropropane	BQL	5.00	1	7/29/2010
1,2,4-Trimethylbenzene	BQL	5.00	1	7/29/2010
1,3,5-Trimethylbenzene	BQL	5.00	1	7/29/2010
Vinyl chloride	BQL	5.00	1	7/29/2010
m-,p-Xylene	BQL	10.0	1	7/29/2010
o-Xylene	BQL	5.00	1	7/29/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	28.7	96
Toluene-d8	30	28.8	96
4-Bromofluorobenzene	30	28.9	96

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [signature]

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 1

Lab Code: NC00919 — Matrix: Soil

LCS: LCS4072910C — Filename: 0729409.D — Date Analyzed: 07/29/10 13:33

LCSD: LCS4072910D — Filename: 0729410.D — Date Analyzed: 07/29/10 13:59

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	75.0	109	146	75.0	105	140	4.29	30	16.7-286
acrolein	300	340	113	300	331	110	2.77	30	16.7-226
acrylonitrile	300	326	109	300	317	106	3.05	30	13.3-201
benzene	30.0	30.8	103	30.0	30.5	102	0.976	30	68.6-132
bromobenzene	30.0	29.2	97.4	30.0	28.9	96.3	1.10	30	56.7-146
bromochloromethane	30.0	29.6	98.8	30.0	29.5	98.5	0.338	30	52.5-154
bromodichloromethane	30.0	30.0	100	30.0	28.7	95.6	4.50	30	65.4-137
bromoform	30.0	35.0	117	30.0	34.1	114	2.69	30	48.3-147
bromomethane	30.0	28.8	96.0	30.0	30.1	100	4.54	30	16.7-246
2-butanone	75.0	92.7	124	75.0	85.1	113	8.56	30	16.7-314
n-butylbenzene	30.0	30.7	102	30.0	30.6	102	0.489	30	58.4-135
sec-butylbenzene	30.0	31.3	104	30.0	30.6	102	2.10	30	57.2-136
tert-butylbenzene	30.0	30.0	100	30.0	30.0	99.8	0.200	30	50.8-139
Carbon disulfide	30.0	31.9	106	30.0	32.7	109	2.57	30	16.7-276
carbon tetrachloride	30.0	32.4	108	30.0	31.3	104	3.70	30	61.1-141
chlorobenzene	30.0	29.8	99.4	30.0	29.6	98.6	0.808	30	63.0-129
chloroethane	30.0	29.7	99.1	30.0	29.1	97.1	2.04	30	22.5-200
2-chloroethyl vinyl ether	300	352	117	300	346	115	1.54	30	16.7-275
chloroform	30.0	30.3	101	30.0	29.3	97.6	3.52	30	65.0-137
chloromethane	30.0	27.7	92.4	30.0	29.6	98.8	6.69	30	16.7-182
2-chlorotoluene	30.0	29.9	99.7	30.0	29.6	98.5	1.14	30	61.1-138
4-chlorotoluene	30.0	30.2	101	30.0	29.9	99.8	0.832	30	63.8-134
dibromochloromethane	30.0	29.8	99.5	30.0	29.1	96.9	2.68	30	56.0-144
1,2-dibromo-3-chloropropane	180	194	108	180	187	104	3.71	30	16.7-213
1,2-dibromoethane	30.0	30.0	100	30.0	29.4	98.2	1.88	30	58.8-139
dibromomethane	30.0	30.5	102	30.0	28.9	96.4	5.32	30	54.1-154
1,2-dichlorobenzene	30.0	31.4	105	30.0	30.9	103	1.67	30	61.5-138
1,3-dichlorobenzene	30.0	30.6	102	30.0	30.5	102	0.392	30	61.5-138
1,4-dichlorobenzene	30.0	30.7	102	30.0	30.4	101	1.11	30	61.1-138
trans-1,4-Dichloro-2-butene	150	168	112	150	161	108	3.97	30	16.7-212
dichlorodifluoromethane	30.0	31.2	104	30.0	31.4	105	0.575	30	25.4-165
1,1-dichloroethane	30.0	30.6	102	30.0	30.0	100	1.88	30	62.4-140
1,2-dichloroethane	30.0	30.3	101	30.0	28.9	96.5	4.72	30	55.3-152
1,1-dichloroethene	30.0	31.7	106	30.0	32.0	107	0.939	30	65.4-134
cis-1,2-dichloroethene	30.0	29.5	98.4	30.0	29.1	96.9	1.54	30	63.8-138
trans-1,2-dichloroethene	30.0	30.9	103	30.0	30.1	100	2.65	30	63.3-139
1,2-dichloropropane	30.0	29.8	99.2	30.0	29.4	97.9	1.25	30	60.0-139
1,3-dichloropropane	30.0	30.2	101	30.0	29.5	98.5	2.31	30	62.3-136
2,2-dichloropropane	30.0	32.8	109	30.0	31.0	103	5.57	30	62.5-140
1,1-dichloropropene	30.0	32.0	107	30.0	31.4	104	2.14	30	60.9-136
cis-1,3-dichloropropene	30.0	31.1	104	30.0	30.1	100	3.04	30	59.8-141

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 1

Lab Code: NC00919 — Matrix: Soil

LCS: LCS4072910C — Filename: 0729409.D — Date Analyzed: 07/29/10 13:33

LCSD: LCS4072910D — Filename: 0729410.D — Date Analyzed: 07/29/10 13:59

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	30.0	32.7	109	30.0	31.9	106	2.51	30	7.27-173
Diisopropyl ether	30.0	31.3	104	30.0	30.8	103	1.48	30	9.01-172
ethylbenzene	30.0	29.5	98.4	30.0	29.4	97.8	0.611	30	16.7-187
hexachlorobutadiene	30.0	28.3	94.4	30.0	28.4	94.8	0.423	30	16.7-173
2-hexanone	75.0	87.5	117	75.0	82.4	110	5.99	30	16.7-304
Iodomethane	30.0	31.2	104	30.0	31.5	105	0.958	30	16.7-200
isopropylbenzene	30.0	30.6	102	30.0	30.5	102	0.458	30	6.43-167
4-isopropyltoluene	30.0	30.8	103	30.0	30.3	101	1.60	30	6.97-170
Methyl-tert-butyl ether	30.0	32.0	107	30.0	29.8	99.5	6.98	30	10.7-173
methylene chloride	30.0	24.8	82.7	30.0	24.5	81.6	1.42	30	8.58-169
4-methyl-2-pentanone	75.0	84.8	113	75.0	79.4	106	6.58	30	16.7-293
naphthalene	30.0	32.8	109	30.0	32.3	108	1.51	30	16.7-175
n-propyl benzene	30.0	31.1	104	30.0	31.0	103	0.322	30	7.25-172
styrene	30.0	30.9	103	30.0	30.7	102	0.812	30	10.2-168
1,1,1,2-tetrachloroethane	30.0	30.3	101	30.0	30.2	101	0.396	30	5.87-177
1,1,2,2-tetrachloroethane	30.0	31.5	105	30.0	30.3	101	4.11	30	10.9-168
tetrachloroethene	30.0	29.7	99.1	30.0	29.8	99.5	0.403	30	16.7-195
toluene	30.0	28.5	94.9	30.0	28.4	94.7	0.211	30	26.6-159
1,2,3-trichlorobenzene	30.0	29.7	99.0	30.0	29.5	98.4	0.608	30	4.64-169
1,2,4-trichlorobenzene	30.0	29.9	99.8	30.0	29.9	99.6	0.167	30	6.55-165
1,1,1-trichloroethane	30.0	31.9	106	30.0	30.8	103	3.54	30	8.40-173
1,1,2-trichloroethane	30.0	30.4	101	30.0	29.5	98.2	3.11	30	12.2-166
trichloroethene	30.0	30.6	102	30.0	30.1	100	1.98	30	24.0-158
trichlorofluoromethane	30.0	26.0	86.6	30.0	24.9	83.0	4.32	30	5.64-183
1,2,3-trichloropropane	30.0	30.6	102	30.0	29.4	98.0	3.97	30	16.7-186
1,2,4-trimethylbenzene	30.0	32.2	107	30.0	31.7	106	1.60	30	8.60-168
1,3,5-trimethylbenzene	30.0	31.5	105	30.0	31.1	104	1.05	30	8.09-168
Vinyl acetate	75.0	80.0	107	75.0	73.7	98.2	8.19	30	16.7-225
vinyl chloride	30.0	31.2	104	30.0	31.8	106	2.22	30	7.56-178
m/p-xylene	60.0	62.6	104	60.0	61.7	103	1.42	30	8.91-169
o-xylene	30.0	30.0	99.9	30.0	29.9	99.7	0.234	30	9.45-167

System Monitoring Compound Results

		LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	30	30.31	101	30	30.15	100	49.1-151
17060-07-0	1,2-Dichloroethane-d4	30	30.33	101	30	29.05	96.8	37.8-170
2037-26-5	Toluene-d8	30	29.25	97.5	30	29.1	97.0	58.8-144

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS Spike Recovery: 0 failure(s) out of 72. LCSD Spike Recovery: 0 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS: _____

Analyst: Ovo

Reviewed by: _____

SGS Environmental Services

3B

SOIL VOLATILE MATRIX SPIKE RECOVERY

Lab Name: SGS Environmental Contract:

Lab Code: NC00919 Case No.: SAS No.: SDG No.:

Matrix Spike - EPA Sample No.: g122-3604-1a Dilution: 1

Filenames: 0729414.D, 0729418.D

COMPOUND	SAMPLE CONC (µg/kg)	MS SPIKE (µg/kg)	MS CONC (µg/kg)	MS % REC #	Recovery Limits
acetone	79.3	65.0	38.2	58.7	17.7-85.2
acrolein	BQL	260	308	119	NA-424
acrylonitrile	BQL	260	337	130	85.0-175
benzene	BQL	26.0	27.3	105	61.6-135
bromobenzene	BQL	26.0	24.3	93.7	65.1-125
bromochloromethane	BQL	26.0	26.6	102	75.5-126
bromodichloromethane	BQL	26.0	26.0	100	74.3-123
bromoform	BQL	26.0	32.9	126*	52.3-122
bromomethane	BQL	26.0	23.4	89.8	10.0-284
2-butanone	BQL	65.0	89.0	137*	36.1-107
n-butylbenzene	BQL	26.0	22.6	87.0	70.2-124
sec-butylbenzene	BQL	26.0	25.2	96.9	62.0-133
tert-butylbenzene	BQL	26.0	25.4	97.9	73.5-121
Carbon disulfide	BQL	26.0	25.3	97.5	68.8-129
carbon tetrachloride	BQL	26.0	27.6	106	71.8-122
chlorobenzene	BQL	26.0	25.2	97.2	77.2-118
chloroethane	BQL	26.0	21.1	81.1	10.0-233
2-chloroethyl vinyl ether	BQL	260	0.00	0.00	NA-283
chloroform	BQL	26.0	26.6	102	74.0-128
chloromethane	BQL	26.0	24.3	93.6	72.0-138
2-chlorotoluene	BQL	26.0	24.5	94.2	79.3-118
4-chlorotoluene	BQL	26.0	24.1	92.7	76.8-120
dibromochloromethane	BQL	26.0	27.0	104	69.0-117
1,2-dibromo-3-chloropropane	BQL	156	220	141	20.2-171
1,2-dibromomethane	BQL	26.0	29.3	113	78.5-123
dibromomethane	BQL	26.0	28.4	109	71.3-137
1,2-dichlorobenzene	BQL	26.0	24.9	96.0	75.1-120
1,3-dichlorobenzene	BQL	26.0	23.6	90.9	73.1-121
1,4-dichlorobenzene	BQL	26.0	23.8	91.6	74.8-118
trans-1,4-Dichloro-2-butene	BQL	130	172	132	25.7-149
dichlorodifluoromethane	BQL	26.0	24.8	95.2	41.7-166
1,1-dichloroethane	BQL	26.0	27.2	105	75.6-128
1,2-dichloroethane	BQL	26.0	27.6	106	71.1-127
1,1-dichloroethene	BQL	26.0	27.0	104	64.4-130
cis-1,2-dichloroethene	BQL	26.0	25.8	99.2	72.7-134
trans-1,2-dichloroethene	BQL	26.0	26.7	103	74.6-124
1,2-dichloropropane	BQL	26.0	26.7	103	76.5-129
1,3-dichloropropane	BQL	26.0	29.0	112	79.1-121
2,2-dichloropropane	BQL	26.0	27.9	107	31.5-157
1,1-dichloropropene	BQL	26.0	27.0	104	72.5-120
cis-1,3-dichloropropene	BQL	26.0	25.2	96.8	66.6-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 72 outside of limits

Spike Recovery: 5 out of 144 outside of limits

COMMENTS:

SGS Environmental Services

Lab Name: SGS Environmental Contract:

Lab Code: NC00919 Case No.: SAS No.: SDG No.:

Matrix Spike - EPA Sample No.: g122-3604-1a

COMPOUND	SAMPLE CONC (µg/kg)	MS SPIKE (µg/kg)	MS CONC (µg/kg)	MS % REC #	Recovery Limits
trans-1,3-dichloropropene	BQL	26.0	28.8	111	44.7-144
Diisopropyl ether	BQL	26.0	27.8	107	79.4-122
ethylbenzene	BQL	26.0	24.8	95.6	73.8-126
hexachlorobutadiene	BQL	26.0	18.7	72.1	51.8-134
2-hexanone	BQL	65.0	88.3	136*	41.6-111
Iodomethane	BQL	26.0	26.9	104	40.6-126
isopropylbenzene	BQL	26.0	25.6	98.5	74.3-123
4-isopropyltoluene	BQL	26.0	24.4	94.0	74.6-122
Methyl-tert-butyl ether	BQL	26.0	30.0	116	66.5-136
methylene chloride	BQL	104	22.8	21.9*	48.6-155
4-methyl-2-pentanone	BQL	65.0	91.3	140	6.88-166
naphthalene	BQL	26.0	26.2	101	55.1-140
n-propyl benzene	BQL	26.0	25.4	97.5	71.6-128
styrene	BQL	26.0	25.3	97.5	73.2-123
1,1,1,2-tetrachloroethane	BQL	26.0	26.7	103	69.4-120
1,1,2,2-tetrachloroethane	BQL	26.0	32.8	126	75.7-136
tetrachloroethene	BQL	26.0	24.8	95.3	45.8-153
toluene	BQL	26.0	24.4	93.9	66.4-128
1,2,3-trichlorobenzene	BQL	26.0	21.2	81.6	61.0-126
1,2,4-trichlorobenzene	BQL	26.0	20.3	78.0	60.6-125
1,1,1-trichloroethane	BQL	26.0	27.4	105	78.4-121
1,1,2-trichloroethane	BQL	26.0	28.9	111	64.8-128
trichloroethene	BQL	26.0	25.7	99.0	84.9-136
trichlorofluoromethane	BQL	26.0	19.2	73.9*	76.8-132
1,2,3-trichloropropane	BQL	26.0	31.3	120	10.0-218
1,2,4-trimethylbenzene	BQL	26.0	26.0	100	31.0-172
1,3,5-trimethylbenzene	BQL	26.0	25.8	99.1	67.7-132
Vinyl acetate	BQL	65.0	71.3	110	NA-355
vinyl chloride	BQL	26.0	24.7	94.9	68.1-137
m/p-xylene	BQL	52.0	51.7	99.4	79.8-118
o-xylene	BQL	26.0	25.5	98.1	80.0-121

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 72 outside of limits

Spike Recovery: 5 out of 144 outside of limits

COMMENTS: LCS/LCSD PASS CRITERIA 7/29/10

Results for Volatiles
by GCMS 8260

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK3072910B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	1250	50	7/29/2010
Benzene	BQL	50.0	50	7/29/2010
Bromobenzene	BQL	50.0	50	7/29/2010
Bromochloromethane	BQL	50.0	50	7/29/2010
Bromodichloromethane	BQL	50.0	50	7/29/2010
Bromoform	BQL	50.0	50	7/29/2010
Bromomethane	BQL	50.0	50	7/29/2010
2-Butanone	BQL	1250	50	7/29/2010
n-Butylbenzene	BQL	50.0	50	7/29/2010
sec-Butylbenzene	BQL	50.0	50	7/29/2010
tert-Butylbenzene	BQL	50.0	50	7/29/2010
Carbon disulfide	BQL	50.0	50	7/29/2010
Carbon tetrachloride	BQL	50.0	50	7/29/2010
Chlorobenzene	BQL	50.0	50	7/29/2010
Chloroethane	BQL	50.0	50	7/29/2010
Chloroform	BQL	50.0	50	7/29/2010
Chloromethane	BQL	50.0	50	7/29/2010
2-Chlorotoluene	BQL	50.0	50	7/29/2010
4-Chlorotoluene	BQL	50.0	50	7/29/2010
Dibromochloromethane	BQL	50.0	50	7/29/2010
1,2-Dibromo-3-chloropropane	BQL	250	50	7/29/2010
Dibromomethane	BQL	50.0	50	7/29/2010
1,2-Dibromoethane (EDB)	BQL	50.0	50	7/29/2010
1,2-Dichlorobenzene	BQL	50.0	50	7/29/2010
1,3-Dichlorobenzene	BQL	50.0	50	7/29/2010
1,4-Dichlorobenzene	BQL	50.0	50	7/29/2010
trans-1,4-Dichloro-2-butene	BQL	250	50	7/29/2010
1,1-Dichloroethane	BQL	50.0	50	7/29/2010
1,1-Dichloroethene	BQL	50.0	50	7/29/2010
1,2-Dichloroethane	BQL	50.0	50	7/29/2010
cis-1,2-Dichloroethene	BQL	50.0	50	7/29/2010
trans-1,2-dichloroethene	BQL	50.0	50	7/29/2010
1,2-Dichloropropane	BQL	50.0	50	7/29/2010
1,3-Dichloropropane	BQL	50.0	50	7/29/2010
2,2-Dichloropropane	BQL	50.0	50	7/29/2010
1,1-Dichloropropene	BQL	50.0	50	7/29/2010
cis-1,3-Dichloropropene	BQL	50.0	50	7/29/2010
trans-1,3-Dichloropropene	BQL	50.0	50	7/29/2010
Dichlorodifluoromethane	BQL	250	50	7/29/2010
Diisopropyl ether (DIPE)	BQL	50.0	50	7/29/2010
Ethylbenzene	BQL	50.0	50	7/29/2010
Hexachlorobutadiene	BQL	50.0	50	7/29/2010
2-Hexanone	BQL	250	50	7/29/2010
Iodomethane	BQL	50.0	50	7/29/2010
Isopropylbenzene	BQL	50.0	50	7/29/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK3072910B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	50.0	50	7/29/2010
Methylene chloride	BQL	250	50	7/29/2010
4-Methyl-2-pentanone	BQL	250	50	7/29/2010
Methyl-tert-butyl ether (MTBE)	BQL	50.0	50	7/29/2010
Naphthalene	BQL	50.0	50	7/29/2010
n-Propyl benzene	BQL	50.0	50	7/29/2010
Styrene	BQL	50.0	50	7/29/2010
1,1,1,2-Tetrachloroethane	BQL	50.0	50	7/29/2010
1,1,2,2-Tetrachloroethane	BQL	50.0	50	7/29/2010
Tetrachloroethene	BQL	50.0	50	7/29/2010
Toluene	BQL	50.0	50	7/29/2010
1,2,3-Trichlorobenzene	BQL	50.0	50	7/29/2010
1,2,4-Trichlorobenzene	BQL	50.0	50	7/29/2010
Trichloroethene	BQL	50.0	50	7/29/2010
1,1,1-Trichloroethane	BQL	50.0	50	7/29/2010
1,1,2-Trichloroethane	BQL	50.0	50	7/29/2010
Trichlorofluoromethane	BQL	50.0	50	7/29/2010
1,2,3-Trichloropropane	BQL	50.0	50	7/29/2010
1,2,4-Trimethylbenzene	BQL	50.0	50	7/29/2010
1,3,5-Trimethylbenzene	BQL	50.0	50	7/29/2010
Vinyl chloride	BQL	50.0	50	7/29/2010
m-,p-Xylene	BQL	100	50	7/29/2010
o-Xylene	BQL	50.0	50	7/29/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	28.6	95
Toluene-d8	30	30.1	100
4-Bromofluorobenzene	30	29.1	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [illegible]

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 50

Lab Code: NC00919 — Matrix: Soil (medium

LCS: LCS3072910B — Filename: 0729305.D — Date Analyzed: 07/29/10 10:02

LCSD: LCS3072910C — Filename: 0729306.D — Date Analyzed: 07/29/10 10:27

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	1250	1340	107	1250	1410	113	5.10	30	70.0-130
acrolein	6250	6480	104	6250	6590	105	1.70	30	70.0-130
acrylonitrile	6250	6690	107	6250	7260	116	8.08	30	70.0-130
benzene	250	285	114	250	283	113	0.881	30	70.0-130
bromobenzene	250	266	106	250	271	108	1.86	30	70.0-130
bromochloromethane	250	271	108	250	279	112	3.09	30	70.0-130
bromodichloromethane	250	256	103	250	268	107	4.20	30	70.0-130
bromoform	250	231	92.4	250	255	102	9.88	30	70.0-130
bromomethane	250	198	79.4	250	218	87.0	9.13	30	70.0-130
2-butanone	1250	1270	102	1250	1370	110	7.44	30	70.0-130
n-butylbenzene	250	266	107	250	264	106	0.753	30	70.0-130
sec-butylbenzene	250	272	108	250	275	110	1.28	30	70.0-130
tert-butylbenzene	250	240	96.0	250	272	109	12.5	30	70.0-130
Carbon disulfide	250	270	108	250	263	105	2.44	30	70.0-130
carbon tetrachloride	250	262	105	250	256	102	2.51	30	70.0-130
chlorobenzene	250	270	108	250	278	111	2.74	30	70.0-130
chloroethane	250	302	121	250	318	127	5.15	30	70.0-130
2-chloroethyl vinyl ether	6250	6760	108	6250	7070	113	4.58	30	70.0-130
chloroform	250	269	108	250	266	107	0.934	30	70.0-130
chloromethane	250	251	100	250	257	103	2.36	30	70.0-130
2-chlorotoluene	250	284	114	250	289	116	1.74	30	70.0-130
4-chlorotoluene	250	274	110	250	280	112	2.34	30	70.0-130
dibromochloromethane	250	257	103	250	261	104	1.54	30	70.0-130
1,2-dibromo-3-chloropropane	1500	1540	103	1500	1610	107	4.25	30	70.0-130
1,2-dibromoethane	250	256	102	250	266	107	4.02	30	70.0-130
dibromomethane	250	269	108	250	276	110	2.57	30	70.0-130
1,2-dichlorobenzene	250	264	106	250	275	110	4.26	30	70.0-130
1,3-dichlorobenzene	250	266	106	250	277	111	4.05	30	70.0-130
1,4-dichlorobenzene	250	269	108	250	277	111	2.93	30	70.0-130
trans-1,4-Dichloro-2-butene	1250	1230	98.2	1250	1300	104	5.97	30	70.0-130
dichlorodifluoromethane	250	314	126	250	340	136*	7.95	30	70.0-130
1,1-dichloroethane	250	279	112	250	254	102	9.36	30	70.0-130
1,2-dichloroethane	250	270	108	250	264	106	1.87	30	70.0-130
1,1-dichloroethene	250	286	114	250	275	110	3.57	30	70.0-130
cis-1,2-dichloroethene	250	287	115	250	279	112	2.65	30	70.0-130
trans-1,2-dichloroethene	250	275	110	250	274	109	0.547	30	70.0-130
1,2-dichloropropane	250	283	113	250	273	109	3.77	30	70.0-130
1,3-dichloropropane	250	270	108	250	273	109	1.10	30	70.0-130
2,2-dichloropropane	250	274	110	250	261	105	4.85	30	70.0-130
1,1-dichloropropene	250	279	112	250	272	108	2.90	30	70.0-130
cis-1,3-dichloropropene	250	266	107	250	264	105	1.13	30	70.0-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 50

Lab Code: NC00919 — Matrix: Soil (medium

LCS: LCS3072910B — Filename: 0729305.D — Date Analyzed: 07/29/10 10:02

LCSD: LCS3072910C — Filename: 0729306.D — Date Analyzed: 07/29/10 10:27

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	250	258	103	250	259	104	0.581	30	70.0-130
Diisopropyl ether	250	262	105	250	258	103	1.54	30	70.0-130
ethylbenzene	250	278	111	250	282	113	1.61	30	70.0-130
hexachlorobutadiene	250	241	96.6	250	250	99.8	3.26	30	70.0-130
2-hexanone	1250	1220	97.9	1250	1340	108	9.42	30	70.0-130
Iodomethane	250	212	85.0	250	215	86.2	1.40	30	70.0-130
isopropylbenzene	250	267	107	250	274	109	2.40	30	70.0-130
4-isopropyltoluene	250	270	108	250	272	108	0.554	30	70.0-130
Methyl-tert-butyl ether	250	262	105	250	265	106	1.14	30	70.0-130
methylene chloride	250	249	99.6	250	250	100	0.401	30	70.0-130
4-methyl-2-pentanone	1250	1240	99.4	1250	1340	108	7.96	30	70.0-130
naphthalene	250	248	99.2	250	261	105	5.30	30	70.0-130
n-propyl benzene	250	275	110	250	275	110	0.00	30	70.0-130
styrene	250	274	110	250	280	112	2.17	30	70.0-130
1,1,1,2-tetrachloroethane	250	256	103	250	264	105	2.69	30	70.0-130
1,1,2,2-tetrachloroethane	250	270	108	250	284	114	5.42	30	70.0-130
tetrachloroethene	250	213	85.2	250	262	105	20.6	30	70.0-130
toluene	250	279	112	250	274	109	2.71	30	70.0-130
1,2,3-trichlorobenzene	250	238	95.2	250	252	101	5.91	30	70.0-130
1,2,4-trichlorobenzene	250	247	98.8	250	254	102	2.99	30	70.0-130
1,1,1-trichloroethane	250	260	104	250	256	103	1.16	30	70.0-130
1,1,2-trichloroethane	250	268	107	250	280	112	4.56	30	70.0-130
trichloroethene	250	276	111	250	267	107	3.67	30	70.0-130
trichlorofluoromethane	250	275	110	250	290	116	5.14	30	70.0-130
1,2,3-trichloropropane	250	249	99.6	250	258	103	3.55	30	70.0-130
1,2,4-trimethylbenzene	250	278	111	250	280	112	0.897	30	70.0-130
1,3,5-trimethylbenzene	250	272	108	250	276	110	1.64	30	70.0-130
Vinyl acetate	625	454	72.6	625	446	71.4	1.66	30	70.0-130
vinyl chloride	250	279	112	250	296	118	5.56	30	70.0-130
m/p-xylene	500	565	113	500	582	116	2.88	30	70.0-130
o-xylene	250	279	112	250	289	116	3.52	30	70.0-130

System Monitoring Compound Results

		LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	30	29.31	97.7	30	29.63	98.8	86.1-114
17060-07-0	1,2-Dichloroethane-d4	30	28.65	95.5	30	28.46	94.9	81.0-124
2037-26-5	Toluene-d8	30	29.92	99.7	30	29.71	99.0	94.0-107

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS Spike Recovery: 0 failure(s) out of 72. LCSD Spike Recovery: 1 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS: _____

Analyst: DVO

Reviewed by: [signature]

Results for Semivolatiles
by GCMS 8270

Client Sample ID: SB-33 (6-8)
Client Project ID: Eaton Selma
Lab Sample ID: G375-132-1F
Lab Project ID: G375-132
Report Basis: Dry weight
Initial Weight: 33.03 g

Analyzed By: DCS
Date Collected: 7/16/2010 14:30
Date Received: 7/21/2010
Date Extracted: 7/22/2010
Matrix: Soil
% Solids: 78.88

Compound	Result ug/Kg	RL ug/Kg	MDL ug/Kg	Dilution Factor	Date Analyzed	Flag
1,4-Dioxane	BQL	38.4	9.37	1	7/23/2010	

	Spike Added	Spike Result	Percent Recovered
Nitrobenzene-d5	10	6.3	63

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: GM

Results for Semivolatiles
by GCMS 8270

Client Sample ID: SB-30 (4-6)
Client Project ID: Eaton Selma
Lab Sample ID: G375-132-3F
Lab Project ID: G375-132
Report Basis: Dry weight
Initial Weight: 33.46 g

Analyzed By: DCS
Date Collected: 7/19/2010 14:15
Date Received: 7/21/2010
Date Extracted: 7/22/2010
Matrix: Soil
% Solids: 81.23

Compound	Result ug/Kg	RL ug/Kg	MDL ug/Kg	Dilution Factor	Date Analyzed	Flag
1,4-Dioxane	BQL	36.8	8.98	1	7/23/2010	

	Spike Added	Spike Result	Percent Recovered
Nitrobenzene-d5	10	5.5	55

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB-A17068
Lab Project ID:
Report Basis: Dry Weight
Initial Weight: 32 g

Analyzed By: DCS
Date Collected:
Date Received:
Date Extracted: 7/22/2010
Matrix: SOIL
% Solids: 100

Compound	Result ug/Kg	RL ug/Kg	MDL ug/Kg	Dilution Factor	Date Analyzed	Flag
1,4-Dioxane	BQL	31.2	7.62	1	7/23/2010	

	Spike Added	Spike Result	Percent Recovered
Nitrobenzene-d5	10	4.7	47

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

SGS North America, Inc.

SGS Environmental Services

LABORATORY CONTROL SAMPLE SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental Services, Inc.

Lab Code: NC00919 Case No.: SAS No.: SDG No:

Matrix: (soil/water) SOIL Lab Sample ID: LCS17068

Sample wt/vol: 32 (g) Lab File ID: 0722A11.D

Level: (low/med) LOW

% Moisture: 0% Decanted:(Y/N) N Date Analyzed: 07/22/10 18:12

Concentrated Extract Volume: 10000 (µL) Dilution Factor: 1

Injection Volume: 1 (µL) Extraction: (Type) SOXH

GPC Cleanup: N

CAS NO.	COMPOUND	SPIKE AMT (µg/kg)	SAMP CONC (µg/kg)	% REC #	QC LIMITS
83-32-9	Acenaphthene	3125	2670	85.4	76.0-112
208-96-8	Acenaphthylene	3125	2690	86.2	76.5-119
120-12-7	Anthracene	3125	2590	83.0	67.6-111
56-55-3	Benzo[a]anthracene	3125	2650	84.7	72.9-115
50-32-8	Benzo[a]pyrene	3125	2840	90.9	76.6-118
205-99-2	Benzo[b]fluoranthene	3125	3080	98.7	67.3-110
191-24-2	Benzo[g,h,i]perylene	3125	2820	90.1	77.5-126
207-08-9	Benzo[k]fluoranthene	3125	2940	94.2	73.5-130
65-85-0	Benzoic Acid	3125	1510	48.2	0.00-351
100-51-6	Benzyl Alcohol	3125	2520	80.8	71.0-118
111-91-1	Bis(2-chloroethoxy)methane	3125	2770	88.7	75.1-129
111-44-4	Bis(2-chloroethyl)ether	3125	2660	85.1	69.4-121
108-60-1	Bis(2-chloroisopropyl)ether	3125	2630	84.3	48.5-144
117-81-7	Bis(2-ethylhexyl)phthalate	3125	2840	91.0	70.7-126
101-55-3	4-bromophenyl phenyl ether	3125	2490	79.8	69.3-119
85-68-7	Butylbenzylphthalate	3125	2580	82.5	72.1-123
106-47-8	4-Chloroaniline	3125	2380	76.2	55.8-107
59-50-7	4-Chloro-3-methylphenol	3125	2540	81.2	78.9-121
91-58-7	2-Chloronaphthalene	3125	2200	70.4	59.9-97.4
95-57-8	2-Chlorophenol	3125	2530	81.0	78.0-106
7005-72-3	4-Chlorophenyl phenyl ether	3125	2510	80.4	70.4-123
218-01-9	Chrysene	3125	2780	89.1	72.5-118
84-74-2	Di-n-Butylphthalate	3125	2660	85.2	67.4-127
117-84-0	Di-n-octylphthalate	3125	3140	101	72.5-133
53-70-3	Dibenzo[a,h]anthracene	3125	2890	92.4	77.9-124
132-64-9	Dibenzofuran	3125	2780	88.9	69.8-124
95-50-1	1,2-Dichlorobenzene	3125	2460	78.7	75.5-111
541-73-1	1,3-Dichlorobenzene	3125	2470	78.9	75.8-110
106-46-7	1,4-Dichlorobenzene	3125	2520	80.8	76.2-110
91-94-1	3,3'-Dichlorobenzidine	3125	2600	83.2	51.7-136
120-83-2	2,4-Dichlorophenol	3125	2570	82.3	80.3-120
84-66-2	Diethylphthalate	3125	2610	83.6	68.5-124
105-67-9	2,4-Dimethylphenol	3125	2660	85.0	77.2-113
131-11-3	Dimethylphthalate	3125	2780	88.8	69.2-124
534-52-1	4,6-Dinitro-2-methylphenol	3125	2050	65.6	57.0-123
51-28-5	2,4-Dinitrophenol	3125	1660	53.1	50.4-119
121-14-2	2,4-Dinitrotoluene	3125	2840	90.9	68.5-129
606-20-2	2,6-Dinitrotoluene	3125	2580	82.5	71.2-126
206-44-0	Fluoranthene	3125	2670	85.3	70.4-118
86-73-7	Fluorene	3125	2610	83.5	73.3-116
118-74-1	Hexachlorobenzene	3125	2510	80.2	63.4-126

LABORATORY CONTROL SAMPLE SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental Services, Inc.
Lab Code: NC00919 Case No.: SAS No.: SDG No:
Matrix: (soil/water) SOIL Lab Sample ID: LCS17068
Sample wt/vol: 32 (g) Lab File ID: 0722A11.D
Level: (low/med) LOW
% Moisture: 0% Decanted:(Y/N) N Date Analyzed: 07/22/10 18:12
Concentrated Extract Volume: 10000 (µL) Dilution Factor: 1
Injection Volume: 1 (µL) Extraction: (Type) SOXH
GPC Cleanup: N

CAS NO.	COMPOUND	SPIKE AMT (µg/kg)	SAMP CONC (µg/kg)	% REC #	QC LIMITS
87-68-3	Hexachlorobutadiene	3125	2600	83.3	74.5-128
77-47-4	Hexachlorocyclopentadiene	3125	65200	2090*	0.00-1230
67-72-1	Hexachloroethane	3125	2500	80.0	69.8-114
193-39-5	Indeno(1,2,3-c,d)pyrene	3125	2870	91.9	80.2-122
78-59-1	Isophorone	3125	2500	80.1	71.6-119
90-12-0	1-Methylnaphthalene	3125	2660	85.0	74.9-110
91-57-6	2-Methylnaphthalene	3125	2670	85.3	77.4-124
95-48-7	2-Methylphenol	3125	2550	81.6	76.7-108
108-39-4	4-Methylphenol	6250	5950	95.2	76.6-112
621-64-7	N-Nitrosodi-n-propylamine	3125	2560	81.8	63.6-116
86-30-6	Diphenylamine	3125	2520	80.8	69.6-115
91-20-3	Naphthalene	3125	2650	84.7	78.2-118
88-74-4	2-Nitroaniline	3125	2400	76.7	59.2-109
99-09-2	3-Nitroaniline	3125	2150	68.9	62.8-104
100-01-6	4-Nitroaniline	3125	2340	74.9*	77.1-115
98-95-3	Nitrobenzene	3125	2580	82.6	68.7-125
88-75-5	2-Nitrophenol	3125	2450	78.5*	78.7-117
100-02-7	4-Nitrophenol	3125	2240	71.7	58.0-131
87-86-5	Pentachlorophenol	3125	2750	87.9	51.2-128
85-01-8	Phenanthrene	3125	2750	88.1	69.8-117
108-95-2	Phenol	3125	2660	85.1	75.4-108
129-00-0	Pyrene	3125	2640	84.4	75.1-115
110-86-1	Pyridine	3125	2230	71.3	59.2-100
120-82-1	1,2,4-Trichlorobenzene	3125	2510	80.2	74.9-121
95-95-4	2,4,5-Trichlorophenol	3125	2610	83.4	78.3-120
88-06-2	2,4,6-Trichlorophenol	3125	2590	82.9	70.6-119

System Monitoring Compound Results

		Spike Added (µg/kg)	Spike Result (µg/kg)	Percent Rec. (%)	Percent Recovery (%)
118-79-6	2,4,6-Tribromophenol	3125	3000	95.9	41.1-129
321-60-8	2-Fluorobiphenyl	3125	2810	89.9	56.4-116
367-12-4	2-Fluorophenol	3125	2690	86.1	41.8-123
1718-51-0	4-Terphenyl-d14	3125	3100	99.3	43.8-140
4165-60-0	Nitrobenzene-d5	3125	2790	89.4	46.1-117
13127-88-3	Phenol-d6	3125	2830	90.7	47.9-125

LCS Spike Recovery: 3 out of 67 outside of limits.

SGS Environmental Services Inc.
CHAIN OF CUSTODY RECORD

Locations Nationwide
- Alaska
- New Jersey
- North Carolina
- West Virginia
- Maryland
- New York
- Ohio

www.us.sgs.com

(1)

CLIENT: Solutions - IES

CONTACT: Janet MacDonald PHONE NO: 919-873-1060

PROJECT: Eaton Selma SITE/PWSID#:

REPORTS TO: Janet MacDonald EMAIL: JMacDonald@solutions-ies.com

INVOICE TO: Emily Davis QUOTE #:

P.O. #:

SGS Reference #: G375-132

page 1 of 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX/ MATRIX CODE	# CONTAINERS	SAMPLE TYPE C= COMP G= GRAB MI= Multi Incremental Samples	8260	1,4 Dioxane	8270	2,4,6 TCP Add 7/21							REMARKS/ LOC ID
	SB-33 (6-8)	7/16/10	1430	S	5	G	X	X									
	SB-32 (6-8)	7/16/10	1500	S	5	G	X										
	SB-30 (4-6)	7/19/10	1415	S	5	G	X	X									
	DUP-1	7/19/10	—	S	5	G	X										
	SB-31 (4-6)	7/19/10	1455	S	5	G	X										
	SB-36 (4-6)	7/19/10	1525	S	5	G	X										

(3) Analysis Required

Preservatives Used

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
Kathryn Dell	7/20/10	0700	Mathy Beauchamp 845
Relinquished By: (2)	Date	Time	Received By:
[illegible]	7/21/10	0:30	[illegible]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received For Laboratory By:

(4)

DOD Project? YES NO

Cooler ID _____

Special Deliverable Requirements:

Requested Turnaround Time and-or Special Instructions:

Std

Samples Received Cold? YES NO

Temperature°C: Cooler 2.5 . TB _____

Chain of Custody Seal: (Circle)

INTACT BROKEN ABSENT

N.C. Certification #481

SGS North America, Inc.

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 550 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

http://www.sgs.com/terms and conditions.htm

White - Retained by Lab
Pink - Retained by Client

Jody Overmyer
Solutions-IES
1101 Nowell Rd.
Raleigh, NC 27607

Report Number: G375-134

Client Project: Eaton Selma

Dear Jody Overmyer,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or services performed during this project, please call Lori Lockamy at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.

Project Manager
Lori Lockamy

02August2010
Date

List of Reporting Abbreviations And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:
1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.021808.4

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: MW-7 (4-6)
Client Project ID: Eaton Selma
Lab Sample ID G375-134-1A
Lab Project ID: G375-134
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected: 07-20-2010 09:00
Date Received: 7/23/2010
Matrix: Soil
Sample Amount: 7.71 g
%Solids: 82.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	39.4	1	7/29/2010
Benzene	BQL	3.94	1	7/29/2010
Bromobenzene	BQL	3.94	1	7/29/2010
Bromochloromethane	BQL	3.94	1	7/29/2010
Bromodichloromethane	BQL	3.94	1	7/29/2010
Bromoform	BQL	3.94	1	7/29/2010
Bromomethane	BQL	3.94	1	7/29/2010
2-Butanone	BQL	19.7	1	7/29/2010
n-Butylbenzene	BQL	3.94	1	7/29/2010
sec-Butylbenzene	BQL	3.94	1	7/29/2010
tert-Butylbenzene	BQL	3.94	1	7/29/2010
Carbon disulfide	BQL	3.94	1	7/29/2010
Carbon tetrachloride	BQL	3.94	1	7/29/2010
Chlorobenzene	BQL	3.94	1	7/29/2010
Chloroethane	BQL	3.94	1	7/29/2010
Chloroform	BQL	3.94	1	7/29/2010
Chloromethane	BQL	3.94	1	7/29/2010
2-Chlorotoluene	BQL	3.94	1	7/29/2010
4-Chlorotoluene	BQL	3.94	1	7/29/2010
Dibromochloromethane	BQL	3.94	1	7/29/2010
1,2-Dibromo-3-chloropropane	BQL	19.7	1	7/29/2010
Dibromomethane	BQL	3.94	1	7/29/2010
1,2-Dibromoethane (EDB)	BQL	3.94	1	7/29/2010
1,2-Dichlorobenzene	BQL	3.94	1	7/29/2010
1,3-Dichlorobenzene	BQL	3.94	1	7/29/2010
1,4-Dichlorobenzene	BQL	3.94	1	7/29/2010
trans-1,4-Dichloro-2-butene	BQL	19.7	1	7/29/2010
1,1-Dichloroethane	BQL	3.94	1	7/29/2010
1,1-Dichloroethene	BQL	3.94	1	7/29/2010
1,2-Dichloroethane	BQL	3.94	1	7/29/2010
cis-1,2-Dichloroethene	**14.6**	3.94	1	7/29/2010
trans-1,2-dichloroethene	BQL	3.94	1	7/29/2010
1,2-Dichloropropane	BQL	3.94	1	7/29/2010
1,3-Dichloropropane	BQL	3.94	1	7/29/2010
2,2-Dichloropropane	BQL	3.94	1	7/29/2010
1,1-Dichloropropene	BQL	3.94	1	7/29/2010
cis-1,3-Dichloropropene	BQL	3.94	1	7/29/2010
trans-1,3-Dichloropropene	BQL	3.94	1	7/29/2010
Dichlorodifluoromethane	BQL	3.94	1	7/29/2010
Diisopropyl ether (DIPE)	BQL	3.94	1	7/29/2010
Ethylbenzene	BQL	3.94	1	7/29/2010
Hexachlorobutadiene	BQL	3.94	1	7/29/2010
2-Hexanone	BQL	9.85	1	7/29/2010
Iodomethane	BQL	3.94	1	7/29/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: MW-7 (4-6)
Client Project ID: Eaton Selma
Lab Sample ID G375-134-1A
Lab Project ID: G375-134
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected: 07-20-2010 09:00
Date Received: 7/23/2010
Matrix: Soil
Sample Amount: 7.71 g
%Solids: 82.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	3.94	1	7/29/2010
4-Isopropyltoluene	BQL	3.94	1	7/29/2010
Methylene chloride	BQL	15.8	1	7/29/2010
4-Methyl-2-pentanone	BQL	9.85	1	7/29/2010
Methyl-tert-butyl ether (MTBE)	BQL	3.94	1	7/29/2010
Naphthalene	BQL	3.94	1	7/29/2010
n-Propyl benzene	BQL	3.94	1	7/29/2010
Styrene	BQL	3.94	1	7/29/2010
1,1,1,2-Tetrachloroethane	BQL	3.94	1	7/29/2010
1,1,2,2-Tetrachloroethane	BQL	3.94	1	7/29/2010
Tetrachloroethene	**10.3**	3.94	1	7/29/2010
Toluene	BQL	3.94	1	7/29/2010
1,2,3-Trichlorobenzene	BQL	3.94	1	7/29/2010
1,2,4-Trichlorobenzene	BQL	3.94	1	7/29/2010
Trichloroethene	**25.3**	3.94	1	7/29/2010
1,1,1-Trichloroethane	BQL	3.94	1	7/29/2010
1,1,2-Trichloroethane	BQL	3.94	1	7/29/2010
Trichlorofluoromethane	BQL	3.94	1	7/29/2010
1,2,3-Trichloropropane	BQL	3.94	1	7/29/2010
1,2,4-Trimethylbenzene	BQL	3.94	1	7/29/2010
1,3,5-Trimethylbenzene	BQL	3.94	1	7/29/2010
Vinyl chloride	BQL	3.94	1	7/29/2010
m-,p-Xylene	BQL	7.88	1	7/29/2010
o-Xylene	BQL	3.94	1	7/29/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	32.1	107
Toluene-d8	30	28.7	96
4-Bromofluorobenzene	30	29	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: TM

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: IDW-1
Client Project ID: Eaton Selma
Lab Sample ID G375-134-2A
Lab Project ID: G375-134
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected: 07-20-2010 13:30
Date Received: 7/23/2010
Matrix: Soil
Sample Amount: 4.86 g
%Solids: 77.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	**164**	66.6	1	7/29/2010
Benzene	BQL	6.66	1	7/29/2010
Bromobenzene	BQL	6.66	1	7/29/2010
Bromochloromethane	BQL	6.66	1	7/29/2010
Bromodichloromethane	BQL	6.66	1	7/29/2010
Bromoform	BQL	6.66	1	7/29/2010
Bromomethane	BQL	6.66	1	7/29/2010
2-Butanone	BQL	33.3	1	7/29/2010
n-Butylbenzene	BQL	6.66	1	7/29/2010
sec-Butylbenzene	BQL	6.66	1	7/29/2010
tert-Butylbenzene	BQL	6.66	1	7/29/2010
Carbon disulfide	BQL	6.66	1	7/29/2010
Carbon tetrachloride	BQL	6.66	1	7/29/2010
Chlorobenzene	BQL	6.66	1	7/29/2010
Chloroethane	BQL	6.66	1	7/29/2010
Chloroform	BQL	6.66	1	7/29/2010
Chloromethane	BQL	6.66	1	7/29/2010
2-Chlorotoluene	BQL	6.66	1	7/29/2010
4-Chlorotoluene	BQL	6.66	1	7/29/2010
Dibromochloromethane	BQL	6.66	1	7/29/2010
1,2-Dibromo-3-chloropropane	BQL	33.3	1	7/29/2010
Dibromomethane	BQL	6.66	1	7/29/2010
1,2-Dibromoethane (EDB)	BQL	6.66	1	7/29/2010
1,2-Dichlorobenzene	BQL	6.66	1	7/29/2010
1,3-Dichlorobenzene	BQL	6.66	1	7/29/2010
1,4-Dichlorobenzene	BQL	6.66	1	7/29/2010
trans-1,4-Dichloro-2-butene	BQL	33.3	1	7/29/2010
1,1-Dichloroethane	BQL	6.66	1	7/29/2010
1,1-Dichloroethene	BQL	6.66	1	7/29/2010
1,2-Dichloroethane	BQL	6.66	1	7/29/2010
cis-1,2-Dichloroethene	BQL	6.66	1	7/29/2010
trans-1,2-dichloroethene	BQL	6.66	1	7/29/2010
1,2-Dichloropropane	BQL	6.66	1	7/29/2010
1,3-Dichloropropane	BQL	6.66	1	7/29/2010
2,2-Dichloropropane	BQL	6.66	1	7/29/2010
1,1-Dichloropropene	BQL	6.66	1	7/29/2010
cis-1,3-Dichloropropene	BQL	6.66	1	7/29/2010
trans-1,3-Dichloropropene	BQL	6.66	1	7/29/2010
Dichlorodifluoromethane	BQL	6.66	1	7/29/2010
Diisopropyl ether (DIPE)	BQL	6.66	1	7/29/2010
Ethylbenzene	BQL	6.66	1	7/29/2010
Hexachlorobutadiene	BQL	6.66	1	7/29/2010
2-Hexanone	BQL	16.7	1	7/29/2010
Iodomethane	BQL	6.66	1	7/29/2010

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: IDW-1
Client Project ID: Eaton Selma
Lab Sample ID G375-134-2A
Lab Project ID: G375-134
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected: 07-20-2010 13:30
Date Received: 7/23/2010
Matrix: Soil
Sample Amount: 4.86 g
%Solids: 77.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	6.66	1	7/29/2010
4-Isopropyltoluene	BQL	6.66	1	7/29/2010
Methylene chloride	BQL	26.6	1	7/29/2010
4-Methyl-2-pentanone	BQL	16.7	1	7/29/2010
Methyl-tert-butyl ether (MTBE)	BQL	6.66	1	7/29/2010
Naphthalene	BQL	6.66	1	7/29/2010
n-Propyl benzene	BQL	6.66	1	7/29/2010
Styrene	BQL	6.66	1	7/29/2010
1,1,1,2-Tetrachloroethane	BQL	6.66	1	7/29/2010
1,1,2,2-Tetrachloroethane	BQL	6.66	1	7/29/2010
Tetrachloroethene	**6.82**	6.66	1	7/29/2010
Toluene	BQL	6.66	1	7/29/2010
1,2,3-Trichlorobenzene	BQL	6.66	1	7/29/2010
1,2,4-Trichlorobenzene	BQL	6.66	1	7/29/2010
Trichloroethene	BQL	6.66	1	7/29/2010
1,1,1-Trichloroethane	BQL	6.66	1	7/29/2010
1,1,2-Trichloroethane	BQL	6.66	1	7/29/2010
Trichlorofluoromethane	BQL	6.66	1	7/29/2010
1,2,3-Trichloropropane	BQL	6.66	1	7/29/2010
1,2,4-Trimethylbenzene	BQL	6.66	1	7/29/2010
1,3,5-Trimethylbenzene	BQL	6.66	1	7/29/2010
Vinyl chloride	BQL	6.66	1	7/29/2010
m-,p-Xylene	BQL	13.3	1	7/29/2010
o-Xylene	BQL	6.66	1	7/29/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	31.9	106
Toluene-d8	30	28.9	96
4-Bromofluorobenzene	30	30.9	103

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVD

Reviewed By: TM

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: IDW-2
Client Project ID: Eaton Selma
Lab Sample ID G375-134-3A
Lab Project ID: G375-134
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected: 07-20-2010 13:35
Date Received: 7/23/2010
Matrix: Soil
Sample Amount: 5.76 g
%Solids: 79.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	54.5	1	7/29/2010
Benzene	BQL	5.45	1	7/29/2010
Bromobenzene	BQL	5.45	1	7/29/2010
Bromochloromethane	BQL	5.45	1	7/29/2010
Bromodichloromethane	BQL	5.45	1	7/29/2010
Bromoform	BQL	5.45	1	7/29/2010
Bromomethane	BQL	5.45	1	7/29/2010
2-Butanone	BQL	27.2	1	7/29/2010
n-Butylbenzene	BQL	5.45	1	7/29/2010
sec-Butylbenzene	BQL	5.45	1	7/29/2010
tert-Butylbenzene	BQL	5.45	1	7/29/2010
Carbon disulfide	BQL	5.45	1	7/29/2010
Carbon tetrachloride	BQL	5.45	1	7/29/2010
Chlorobenzene	BQL	5.45	1	7/29/2010
Chloroethane	BQL	5.45	1	7/29/2010
Chloroform	BQL	5.45	1	7/29/2010
Chloromethane	BQL	5.45	1	7/29/2010
2-Chlorotoluene	BQL	5.45	1	7/29/2010
4-Chlorotoluene	BQL	5.45	1	7/29/2010
Dibromochloromethane	BQL	5.45	1	7/29/2010
1,2-Dibromo-3-chloropropane	BQL	27.2	1	7/29/2010
Dibromomethane	BQL	5.45	1	7/29/2010
1,2-Dibromoethane (EDB)	BQL	5.45	1	7/29/2010
1,2-Dichlorobenzene	BQL	5.45	1	7/29/2010
1,3-Dichlorobenzene	BQL	5.45	1	7/29/2010
1,4-Dichlorobenzene	BQL	5.45	1	7/29/2010
trans-1,4-Dichloro-2-butene	BQL	27.2	1	7/29/2010
1,1-Dichloroethane	BQL	5.45	1	7/29/2010
1,1-Dichloroethene	**9.06**	5.45	1	7/29/2010
1,2-Dichloroethane	BQL	5.45	1	7/29/2010
cis-1,2-Dichloroethene	BQL	5.45	1	7/29/2010
trans-1,2-dichloroethene	BQL	5.45	1	7/29/2010
1,2-Dichloropropane	BQL	5.45	1	7/29/2010
1,3-Dichloropropane	BQL	5.45	1	7/29/2010
2,2-Dichloropropane	BQL	5.45	1	7/29/2010
1,1-Dichloropropene	BQL	5.45	1	7/29/2010
cis-1,3-Dichloropropene	BQL	5.45	1	7/29/2010
trans-1,3-Dichloropropene	BQL	5.45	1	7/29/2010
Dichlorodifluoromethane	BQL	5.45	1	7/29/2010
Diisopropyl ether (DIPE)	BQL	5.45	1	7/29/2010
Ethylbenzene	BQL	5.45	1	7/29/2010
Hexachlorobutadiene	BQL	5.45	1	7/29/2010
2-Hexanone	BQL	13.6	1	7/29/2010
Iodomethane	BQL	5.45	1	7/29/2010

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: IDW-2
Client Project ID: Eaton Selma
Lab Sample ID G375-134-3A
Lab Project ID: G375-134
Report Basis: Dry Weight

Analyzed By: DVO
Date Collected: 07-20-2010 13:35
Date Received: 7/23/2010
Matrix: Soil
Sample Amount: 5.76 g
%Solids: 79.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	5.45	1	7/29/2010
4-Isopropyltoluene	BQL	5.45	1	7/29/2010
Methylene chloride	BQL	21.8	1	7/29/2010
4-Methyl-2-pentanone	BQL	13.6	1	7/29/2010
Methyl-tert-butyl ether (MTBE)	BQL	5.45	1	7/29/2010
Naphthalene	BQL	5.45	1	7/29/2010
n-Propyl benzene	BQL	5.45	1	7/29/2010
Styrene	BQL	5.45	1	7/29/2010
1,1,1,2-Tetrachloroethane	BQL	5.45	1	7/29/2010
1,1,2,2-Tetrachloroethane	BQL	5.45	1	7/29/2010
Tetrachloroethene	**64.3**	5.45	1	7/29/2010
Toluene	BQL	5.45	1	7/29/2010
1,2,3-Trichlorobenzene	BQL	5.45	1	7/29/2010
1,2,4-Trichlorobenzene	BQL	5.45	1	7/29/2010
Trichloroethene	**12.1**	5.45	1	7/29/2010
1,1,1-Trichloroethane	BQL	5.45	1	7/29/2010
1,1,2-Trichloroethane	BQL	5.45	1	7/29/2010
Trichlorofluoromethane	BQL	5.45	1	7/29/2010
1,2,3-Trichloropropane	BQL	5.45	1	7/29/2010
1,2,4-Trimethylbenzene	BQL	5.45	1	7/29/2010
1,3,5-Trimethylbenzene	BQL	5.45	1	7/29/2010
Vinyl chloride	BQL	5.45	1	7/29/2010
m-,p-Xylene	BQL	10.9	1	7/29/2010
o-Xylene	BQL	5.45	1	7/29/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	32.9	110
Toluene-d8	30	29.3	98
4-Bromofluorobenzene	30	30.3	101

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: Th

SGS Environmental Services Inc.
CHAIN OF CUSTODY RECORD

Locations Nationwide
- Alaska
- Maryland
- New Jersey
- New York
- North Carolina
- Ohio
- West Virginia

www.us.sgs.com

(1)

CLIENT: Solutions-IES

CONTACT: Jody Overmyer PHONE NO: 919-873-1060

PROJECT: Eaton Selma SITE/PWSID#:

REPORTS TO: Jody Overmyer EMAIL: Jovermyer@solutions-ies.com

INVOICE TO: Emily Davis QUOTE #:

P.O. #:

SGS Reference #: G375-134

page 1 of 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX/ MATRIX CODE	# CONTAINERS	SAMPLE TYPE C= COMP G= GRAB MI= Multi Incremental Samples	8260	*TCLP-VOCs Hold*								REMARKS/ LOC ID
	MW-7(4-6)	7/20/10	0900	S	5	G	X									
	IDW-1	7/20/10	1330	S	6	C	X	X								
	IDW-2	7/20/10	1335	S	6	C	X	X								

Preservatives Used

Analysis Required (3)

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
Kathryn Coll	7/21/10	1450	Nath Berry
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date 7/23/10	Time 10:05	Received For Laboratory By:

(4)

DOD Project? YES (NO)

Cooler ID

Special Deliverable Requirements: *Please hold TCLP VOCs for IDW-1 + IDW-2, need VOC results

Requested Turnaround Time and-or Special Instructions: Std, hold TCLP VOCs for IDW-1 + IDW-2 within 10 ~~bus day~~ calander days per Lori Lockmy*

Samples Received Cold? (YES) NO

Temperature°C: Cooler 5.0 TB

Chain of Custody Seal: (Circle) INTACT BROKEN (ABSENT)

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 550 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

http://www.sgs.com/terms and conditions.htm

White - Retained by Lab
Pink - Retained by Client

N.C. Certification #481

SGS North America, Inc.

Jody Overmyer
Solutions-IES
1101 Nowell Rd.
Raleigh, NC 27607

Report Number: G375-136

Client Project: 6010 Eaton Selma

Dear Jody Overmyer,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or services performed during this project, please call Lori Lockamy at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.

Lori Lockamy 13 August 2010

Project Manager
Lori Lockamy

Date

Case Narrative
Solutions IES
SGS Project: **G375-136**
Project Name: **6010 Eaton Selma**

SGS North America Inc.

August 12th, 2010

- Fourteen water samples were accepted into the laboratory on July 30th, 2010 at 0900 for analyses as indicated on the chain of custody. The samples were received in good condition, with a temperature of 5.2°C.
- All extractions and analyses were completed within holding time limits, with the following quality control exceptions.

8270; 1,4-Dioxane Analyses

- Many compounds in the LCS/LCSD associated with batch 17143 were below the QC limits. The associated samples were not reextracted as no more sample was available.
- Samples **MW-1** and **MW-11** have reported recoveries for Nitrobenzene-d5 that are below the QC limit. These recoveries may be attributed to complications experienced during the extract concentration down to a 0.5ml final volume. These samples did not 1,4-Dioxane detected in the samples, but the reported recoveries may imply a low recovery bias.

Craig R Tronzo Date 8/13/10
Craig R Tronzo
Data Validation

List of Reporting Abbreviations
And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

UJ = Target analytes with recoveries that are 10% < %R < LCL; # of MEs are allowable and compounds are not detected in the sample.

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:
1) Metals and mercury samples are digested with a hot block; see the standard operating procedure document for details.
2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.021808.4

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-1
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-1A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/29/2010 10:35
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	25.0	1	8/10/2010
Benzene	BQL	1.00	1	8/10/2010
Bromobenzene	BQL	1.00	1	8/10/2010
Bromochloromethane	BQL	1.00	1	8/10/2010
Bromodichloromethane	BQL	1.00	1	8/10/2010
Bromoform	BQL	1.00	1	8/10/2010
Bromomethane	BQL	1.00	1	8/10/2010
2-Butanone	BQL	25.0	1	8/10/2010
n-Butylbenzene	BQL	1.00	1	8/10/2010
sec-Butylbenzene	BQL	1.00	1	8/10/2010
tert-Butylbenzene	BQL	1.00	1	8/10/2010
Carbon disulfide	BQL	1.00	1	8/10/2010
Carbon tetrachloride	BQL	1.00	1	8/10/2010
Chlorobenzene	BQL	1.00	1	8/10/2010
Chloroethane	BQL	1.00	1	8/10/2010
Chloroform	BQL	1.00	1	8/10/2010
Chloromethane	BQL	1.00	1	8/10/2010
2-Chlorotoluene	BQL	1.00	1	8/10/2010
4-Chlorotoluene	BQL	1.00	1	8/10/2010
Dibromochloromethane	BQL	1.00	1	8/10/2010
1,2-Dibromo-3-chloropropane	BQL	5.00	1	8/10/2010
Dibromomethane	BQL	1.00	1	8/10/2010
1,2-Dibromoethane (EDB)	BQL	1.00	1	8/10/2010
1,2-Dichlorobenzene	BQL	1.00	1	8/10/2010
1,3-Dichlorobenzene	BQL	1.00	1	8/10/2010
1,4-Dichlorobenzene	BQL	1.00	1	8/10/2010
trans-1,4-Dichloro-2-butene	BQL	5.00	1	8/10/2010
1,1-Dichloroethane	**4.58**	1.00	1	8/10/2010
1,1-Dichloroethene	BQL	1.00	1	8/10/2010
1,2-Dichloroethane	BQL	1.00	1	8/10/2010
cis-1,2-Dichloroethene	**7.02**	1.00	1	8/10/2010
trans-1,2-dichloroethene	BQL	1.00	1	8/10/2010
1,2-Dichloropropane	BQL	1.00	1	8/10/2010
1,3-Dichloropropane	BQL	1.00	1	8/10/2010
2,2-Dichloropropane	BQL	1.00	1	8/10/2010
1,1-Dichloropropene	BQL	1.00	1	8/10/2010
cis-1,3-Dichloropropene	BQL	1.00	1	8/10/2010
trans-1,3-Dichloropropene	BQL	1.00	1	8/10/2010
Dichlorodifluoromethane	BQL	5.00	1	8/10/2010
Diisopropyl ether (DIPE)	BQL	1.00	1	8/10/2010
Ethylbenzene	BQL	1.00	1	8/10/2010
Hexachlorobutadiene	BQL	1.00	1	8/10/2010
2-Hexanone	BQL	5.00	1	8/10/2010
Iodomethane	BQL	1.00	1	8/10/2010
Isopropylbenzene	BQL	1.00	1	8/10/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-1
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-1A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/29/2010 10:35
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	1.00	1	8/10/2010
Methylene chloride	BQL	5.00	1	8/10/2010
4-Methyl-2-pentanone	BQL	5.00	1	8/10/2010
Methyl-tert-butyl ether (MTBE)	BQL	1.00	1	8/10/2010
Naphthalene	BQL	1.00	1	8/10/2010
n-Propyl benzene	BQL	1.00	1	8/10/2010
Styrene	BQL	1.00	1	8/10/2010
1,1,1,2-Tetrachloroethane	BQL	1.00	1	8/10/2010
1,1,2,2-Tetrachloroethane	BQL	1.00	1	8/10/2010
Tetrachloroethene	**2.15**	1.00	1	8/10/2010
Toluene	BQL	1.00	1	8/10/2010
1,2,3-Trichlorobenzene	BQL	1.00	1	8/10/2010
1,2,4-Trichlorobenzene	BQL	1.00	1	8/10/2010
Trichloroethene	BQL	1.00	1	8/10/2010
1,1,1-Trichloroethane	BQL	1.00	1	8/10/2010
1,1,2-Trichloroethane	BQL	1.00	1	8/10/2010
Trichlorofluoromethane	BQL	1.00	1	8/10/2010
1,2,3-Trichloropropane	BQL	1.00	1	8/10/2010
1,2,4-Trimethylbenzene	BQL	1.00	1	8/10/2010
1,3,5-Trimethylbenzene	BQL	1.00	1	8/10/2010
Vinyl chloride	BQL	1.00	1	8/10/2010
m-,p-Xylene	BQL	2.00	1	8/10/2010
o-Xylene	BQL	1.00	1	8/10/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	30.8	103
Toluene-d8	30	29.1	97
4-Bromofluorobenzene	30	29.1	97

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____ Reviewed By: _____

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-2
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-2A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 16:10
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	8000	320	8/9/2010
Benzene	BQL	320	320	8/9/2010
Bromobenzene	BQL	320	320	8/9/2010
Bromochloromethane	BQL	320	320	8/9/2010
Bromodichloromethane	BQL	320	320	8/9/2010
Bromoform	BQL	320	320	8/9/2010
Bromomethane	BQL	320	320	8/9/2010
2-Butanone	BQL	8000	320	8/9/2010
n-Butylbenzene	BQL	320	320	8/9/2010
sec-Butylbenzene	BQL	320	320	8/9/2010
tert-Butylbenzene	BQL	320	320	8/9/2010
Carbon disulfide	BQL	320	320	8/9/2010
Carbon tetrachloride	BQL	320	320	8/9/2010
Chlorobenzene	BQL	320	320	8/9/2010
Chloroethane	BQL	320	320	8/9/2010
Chloroform	BQL	320	320	8/9/2010
Chloromethane	BQL	320	320	8/9/2010
2-Chlorotoluene	BQL	320	320	8/9/2010
4-Chlorotoluene	BQL	320	320	8/9/2010
Dibromochloromethane	BQL	320	320	8/9/2010
1,2-Dibromo-3-chloropropane	BQL	1600	320	8/9/2010
Dibromomethane	BQL	320	320	8/9/2010
1,2-Dibromoethane (EDB)	BQL	320	320	8/9/2010
1,2-Dichlorobenzene	BQL	320	320	8/9/2010
1,3-Dichlorobenzene	BQL	320	320	8/9/2010
1,4-Dichlorobenzene	BQL	320	320	8/9/2010
trans-1,4-Dichloro-2-butene	BQL	1600	320	8/9/2010
1,1-Dichloroethane	BQL	320	320	8/9/2010
1,1-Dichloroethene	**838**	320	320	8/9/2010
1,2-Dichloroethane	BQL	320	320	8/9/2010
cis-1,2-Dichloroethene	BQL	320	320	8/9/2010
trans-1,2-dichloroethene	BQL	320	320	8/9/2010
1,2-Dichloropropane	BQL	320	320	8/9/2010
1,3-Dichloropropane	BQL	320	320	8/9/2010
2,2-Dichloropropane	BQL	320	320	8/9/2010
1,1-Dichloropropene	BQL	320	320	8/9/2010
cis-1,3-Dichloropropene	BQL	320	320	8/9/2010
trans-1,3-Dichloropropene	BQL	320	320	8/9/2010
Dichlorodifluoromethane	BQL	1600	320	8/9/2010
Diisopropyl ether (DIPE)	BQL	320	320	8/9/2010
Ethylbenzene	BQL	320	320	8/9/2010
Hexachlorobutadiene	BQL	320	320	8/9/2010
2-Hexanone	BQL	1600	320	8/9/2010
Iodomethane	BQL	320	320	8/9/2010
Isopropylbenzene	BQL	320	320	8/9/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-2
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-2A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 16:10
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	320	320	8/9/2010
Methylene chloride	BQL	1600	320	8/9/2010
4-Methyl-2-pentanone	BQL	1600	320	8/9/2010
Methyl-tert-butyl ether (MTBE)	BQL	320	320	8/9/2010
Naphthalene	BQL	320	320	8/9/2010
n-Propyl benzene	BQL	320	320	8/9/2010
Styrene	BQL	320	320	8/9/2010
1,1,1,2-Tetrachloroethane	BQL	320	320	8/9/2010
1,1,2,2-Tetrachloroethane	BQL	320	320	8/9/2010
Tetrachloroethene	**5150**	320	320	8/9/2010
Toluene	BQL	320	320	8/9/2010
1,2,3-Trichlorobenzene	BQL	320	320	8/9/2010
1,2,4-Trichlorobenzene	BQL	320	320	8/9/2010
Trichloroethene	**624**	320	320	8/9/2010
1,1,1-Trichloroethane	BQL	320	320	8/9/2010
1,1,2-Trichloroethane	BQL	320	320	8/9/2010
Trichlorofluoromethane	BQL	320	320	8/9/2010
1,2,3-Trichloropropane	BQL	320	320	8/9/2010
1,2,4-Trimethylbenzene	BQL	320	320	8/9/2010
1,3,5-Trimethylbenzene	BQL	320	320	8/9/2010
Vinyl chloride	BQL	320	320	8/9/2010
m-,p-Xylene	BQL	640	320	8/9/2010
o-Xylene	BQL	320	320	8/9/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	31.3	104
Toluene-d8	30	29.5	98
4-Bromofluorobenzene	30	28.9	96

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: BJS

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-3
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-3A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/29/2010 8:35
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	2000	80	8/10/2010
Benzene	BQL	80.0	80	8/10/2010
Bromobenzene	BQL	80.0	80	8/10/2010
Bromochloromethane	BQL	80.0	80	8/10/2010
Bromodichloromethane	BQL	80.0	80	8/10/2010
Bromoform	BQL	80.0	80	8/10/2010
Bromomethane	BQL	80.0	80	8/10/2010
2-Butanone	BQL	2000	80	8/10/2010
n-Butylbenzene	BQL	80.0	80	8/10/2010
sec-Butylbenzene	BQL	80.0	80	8/10/2010
tert-Butylbenzene	BQL	80.0	80	8/10/2010
Carbon disulfide	BQL	80.0	80	8/10/2010
Carbon tetrachloride	BQL	80.0	80	8/10/2010
Chlorobenzene	BQL	80.0	80	8/10/2010
Chloroethane	BQL	80.0	80	8/10/2010
Chloroform	BQL	80.0	80	8/10/2010
Chloromethane	BQL	80.0	80	8/10/2010
2-Chlorotoluene	BQL	80.0	80	8/10/2010
4-Chlorotoluene	BQL	80.0	80	8/10/2010
Dibromochloromethane	BQL	80.0	80	8/10/2010
1,2-Dibromo-3-chloropropane	BQL	400	80	8/10/2010
Dibromomethane	BQL	80.0	80	8/10/2010
1,2-Dibromoethane (EDB)	BQL	80.0	80	8/10/2010
1,2-Dichlorobenzene	BQL	80.0	80	8/10/2010
1,3-Dichlorobenzene	BQL	80.0	80	8/10/2010
1,4-Dichlorobenzene	BQL	80.0	80	8/10/2010
trans-1,4-Dichloro-2-butene	BQL	400	80	8/10/2010
1,1-Dichloroethane	BQL	80.0	80	8/10/2010
1,1-Dichloroethene	BQL	80.0	80	8/10/2010
1,2-Dichloroethane	BQL	80.0	80	8/10/2010
cis-1,2-Dichloroethene	BQL	80.0	80	8/10/2010
trans-1,2-dichloroethene	BQL	80.0	80	8/10/2010
1,2-Dichloropropane	BQL	80.0	80	8/10/2010
1,3-Dichloropropane	BQL	80.0	80	8/10/2010
2,2-Dichloropropane	BQL	80.0	80	8/10/2010
1,1-Dichloropropene	BQL	80.0	80	8/10/2010
cis-1,3-Dichloropropene	BQL	80.0	80	8/10/2010
trans-1,3-Dichloropropene	BQL	80.0	80	8/10/2010
Dichlorodifluoromethane	BQL	400	80	8/10/2010
Diisopropyl ether (DIPE)	BQL	80.0	80	8/10/2010
Ethylbenzene	BQL	80.0	80	8/10/2010
Hexachlorobutadiene	BQL	80.0	80	8/10/2010
2-Hexanone	BQL	400	80	8/10/2010
Iodomethane	BQL	80.0	80	8/10/2010
Isopropylbenzene	BQL	80.0	80	8/10/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-3
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-3A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/29/2010 8:35
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	80.0	80	8/10/2010
Methylene chloride	BQL	400	80	8/10/2010
4-Methyl-2-pentanone	BQL	400	80	8/10/2010
Methyl-tert-butyl ether (MTBE)	BQL	80.0	80	8/10/2010
Naphthalene	BQL	80.0	80	8/10/2010
n-Propyl benzene	BQL	80.0	80	8/10/2010
Styrene	BQL	80.0	80	8/10/2010
1,1,1,2-Tetrachloroethane	BQL	80.0	80	8/10/2010
1,1,2,2-Tetrachloroethane	BQL	80.0	80	8/10/2010
Tetrachloroethene	**1630**	80.0	80	8/10/2010
Toluene	BQL	80.0	80	8/10/2010
1,2,3-Trichlorobenzene	BQL	80.0	80	8/10/2010
1,2,4-Trichlorobenzene	BQL	80.0	80	8/10/2010
Trichloroethene	BQL	80.0	80	8/10/2010
1,1,1-Trichloroethane	BQL	80.0	80	8/10/2010
1,1,2-Trichloroethane	BQL	80.0	80	8/10/2010
Trichlorofluoromethane	BQL	80.0	80	8/10/2010
1,2,3-Trichloropropane	BQL	80.0	80	8/10/2010
1,2,4-Trimethylbenzene	BQL	80.0	80	8/10/2010
1,3,5-Trimethylbenzene	BQL	80.0	80	8/10/2010
Vinyl chloride	BQL	80.0	80	8/10/2010
m-,p-Xylene	BQL	160	80	8/10/2010
o-Xylene	BQL	80.0	80	8/10/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	31.5	105
Toluene-d8	30	29.4	98
4-Bromofluorobenzene	30	29.6	99

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: BJ

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-4
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-4A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 10:30
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	31200	1250	8/9/2010
Benzene	BQL	1250	1250	8/9/2010
Bromobenzene	BQL	1250	1250	8/9/2010
Bromochloromethane	BQL	1250	1250	8/9/2010
Bromodichloromethane	BQL	1250	1250	8/9/2010
Bromoform	BQL	1250	1250	8/9/2010
Bromomethane	BQL	1250	1250	8/9/2010
2-Butanone	BQL	31200	1250	8/9/2010
n-Butylbenzene	BQL	1250	1250	8/9/2010
sec-Butylbenzene	BQL	1250	1250	8/9/2010
tert-Butylbenzene	BQL	1250	1250	8/9/2010
Carbon disulfide	BQL	1250	1250	8/9/2010
Carbon tetrachloride	BQL	1250	1250	8/9/2010
Chlorobenzene	BQL	1250	1250	8/9/2010
Chloroethane	BQL	1250	1250	8/9/2010
Chloroform	BQL	1250	1250	8/9/2010
Chloromethane	BQL	1250	1250	8/9/2010
2-Chlorotoluene	BQL	1250	1250	8/9/2010
4-Chlorotoluene	BQL	1250	1250	8/9/2010
Dibromochloromethane	BQL	1250	1250	8/9/2010
1,2-Dibromo-3-chloropropane	BQL	6250	1250	8/9/2010
Dibromomethane	BQL	1250	1250	8/9/2010
1,2-Dibromoethane (EDB)	BQL	1250	1250	8/9/2010
1,2-Dichlorobenzene	BQL	1250	1250	8/9/2010
1,3-Dichlorobenzene	BQL	1250	1250	8/9/2010
1,4-Dichlorobenzene	BQL	1250	1250	8/9/2010
trans-1,4-Dichloro-2-butene	BQL	6250	1250	8/9/2010
1,1-Dichloroethane	BQL	1250	1250	8/9/2010
1,1-Dichloroethene	**3230**	1250	1250	8/9/2010
1,2-Dichloroethane	BQL	1250	1250	8/9/2010
cis-1,2-Dichloroethene	BQL	1250	1250	8/9/2010
trans-1,2-dichloroethene	BQL	1250	1250	8/9/2010
1,2-Dichloropropane	BQL	1250	1250	8/9/2010
1,3-Dichloropropane	BQL	1250	1250	8/9/2010
2,2-Dichloropropane	BQL	1250	1250	8/9/2010
1,1-Dichloropropene	BQL	1250	1250	8/9/2010
cis-1,3-Dichloropropene	BQL	1250	1250	8/9/2010
trans-1,3-Dichloropropene	BQL	1250	1250	8/9/2010
Dichlorodifluoromethane	BQL	6250	1250	8/9/2010
Diisopropyl ether (DIPE)	BQL	1250	1250	8/9/2010
Ethylbenzene	BQL	1250	1250	8/9/2010
Hexachlorobutadiene	BQL	1250	1250	8/9/2010
2-Hexanone	BQL	6250	1250	8/9/2010
Iodomethane	BQL	1250	1250	8/9/2010
Isopropylbenzene	BQL	1250	1250	8/9/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-4
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-4A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 10:30
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	1250	1250	8/9/2010
Methylene chloride	BQL	6250	1250	8/9/2010
4-Methyl-2-pentanone	BQL	6250	1250	8/9/2010
Methyl-tert-butyl ether (MTBE)	BQL	1250	1250	8/9/2010
Naphthalene	BQL	1250	1250	8/9/2010
n-Propyl benzene	BQL	1250	1250	8/9/2010
Styrene	BQL	1250	1250	8/9/2010
1,1,1,2-Tetrachloroethane	BQL	1250	1250	8/9/2010
1,1,2,2-Tetrachloroethane	BQL	1250	1250	8/9/2010
Tetrachloroethene	**18200**	1250	1250	8/9/2010
Toluene	BQL	1250	1250	8/9/2010
1,2,3-Trichlorobenzene	BQL	1250	1250	8/9/2010
1,2,4-Trichlorobenzene	BQL	1250	1250	8/9/2010
Trichloroethene	**3460**	1250	1250	8/9/2010
1,1,1-Trichloroethane	**6560**	1250	1250	8/9/2010
1,1,2-Trichloroethane	BQL	1250	1250	8/9/2010
Trichlorofluoromethane	BQL	1250	1250	8/9/2010
1,2,3-Trichloropropane	BQL	1250	1250	8/9/2010
1,2,4-Trimethylbenzene	BQL	1250	1250	8/9/2010
1,3,5-Trimethylbenzene	BQL	1250	1250	8/9/2010
Vinyl chloride	BQL	1250	1250	8/9/2010
m-,p-Xylene	BQL	2500	1250	8/9/2010
o-Xylene	BQL	1250	1250	8/9/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	31	103
Toluene-d8	30	29.4	98
4-Bromofluorobenzene	30	28.8	96

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-5
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-5A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/29/2010 11:55
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	25.0	1	8/10/2010
Benzene	BQL	1.00	1	8/10/2010
Bromobenzene	BQL	1.00	1	8/10/2010
Bromochloromethane	BQL	1.00	1	8/10/2010
Bromodichloromethane	BQL	1.00	1	8/10/2010
Bromoform	BQL	1.00	1	8/10/2010
Bromomethane	BQL	1.00	1	8/10/2010
2-Butanone	BQL	25.0	1	8/10/2010
n-Butylbenzene	BQL	1.00	1	8/10/2010
sec-Butylbenzene	BQL	1.00	1	8/10/2010
tert-Butylbenzene	BQL	1.00	1	8/10/2010
Carbon disulfide	BQL	1.00	1	8/10/2010
Carbon tetrachloride	BQL	1.00	1	8/10/2010
Chlorobenzene	BQL	1.00	1	8/10/2010
Chloroethane	BQL	1.00	1	8/10/2010
Chloroform	BQL	1.00	1	8/10/2010
Chloromethane	BQL	1.00	1	8/10/2010
2-Chlorotoluene	BQL	1.00	1	8/10/2010
4-Chlorotoluene	BQL	1.00	1	8/10/2010
Dibromochloromethane	BQL	1.00	1	8/10/2010
1,2-Dibromo-3-chloropropane	BQL	5.00	1	8/10/2010
Dibromomethane	BQL	1.00	1	8/10/2010
1,2-Dibromoethane (EDB)	BQL	1.00	1	8/10/2010
1,2-Dichlorobenzene	BQL	1.00	1	8/10/2010
1,3-Dichlorobenzene	BQL	1.00	1	8/10/2010
1,4-Dichlorobenzene	BQL	1.00	1	8/10/2010
trans-1,4-Dichloro-2-butene	BQL	5.00	1	8/10/2010
1,1-Dichloroethane	BQL	1.00	1	8/10/2010
1,1-Dichloroethene	BQL	1.00	1	8/10/2010
1,2-Dichloroethane	BQL	1.00	1	8/10/2010
cis-1,2-Dichloroethene	BQL	1.00	1	8/10/2010
trans-1,2-dichloroethene	BQL	1.00	1	8/10/2010
1,2-Dichloropropane	BQL	1.00	1	8/10/2010
1,3-Dichloropropane	BQL	1.00	1	8/10/2010
2,2-Dichloropropane	BQL	1.00	1	8/10/2010
1,1-Dichloropropene	BQL	1.00	1	8/10/2010
cis-1,3-Dichloropropene	BQL	1.00	1	8/10/2010
trans-1,3-Dichloropropene	BQL	1.00	1	8/10/2010
Dichlorodifluoromethane	BQL	5.00	1	8/10/2010
Diisopropyl ether (DIPE)	BQL	1.00	1	8/10/2010
Ethylbenzene	BQL	1.00	1	8/10/2010
Hexachlorobutadiene	BQL	1.00	1	8/10/2010
2-Hexanone	BQL	5.00	1	8/10/2010
Iodomethane	BQL	1.00	1	8/10/2010
Isopropylbenzene	BQL	1.00	1	8/10/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-5
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-5A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/29/2010 11:55
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	1.00	1	8/10/2010
Methylene chloride	BQL	5.00	1	8/10/2010
4-Methyl-2-pentanone	BQL	5.00	1	8/10/2010
Methyl-tert-butyl ether (MTBE)	BQL	1.00	1	8/10/2010
Naphthalene	BQL	1.00	1	8/10/2010
n-Propyl benzene	BQL	1.00	1	8/10/2010
Styrene	BQL	1.00	1	8/10/2010
1,1,1,2-Tetrachloroethane	BQL	1.00	1	8/10/2010
1,1,2,2-Tetrachloroethane	BQL	1.00	1	8/10/2010
Tetrachloroethene	**1.53**	1.00	1	8/10/2010
Toluene	BQL	1.00	1	8/10/2010
1,2,3-Trichlorobenzene	BQL	1.00	1	8/10/2010
1,2,4-Trichlorobenzene	BQL	1.00	1	8/10/2010
Trichloroethene	BQL	1.00	1	8/10/2010
1,1,1-Trichloroethane	BQL	1.00	1	8/10/2010
1,1,2-Trichloroethane	BQL	1.00	1	8/10/2010
Trichlorofluoromethane	BQL	1.00	1	8/10/2010
1,2,3-Trichloropropane	BQL	1.00	1	8/10/2010
1,2,4-Trimethylbenzene	BQL	1.00	1	8/10/2010
1,3,5-Trimethylbenzene	BQL	1.00	1	8/10/2010
Vinyl chloride	BQL	1.00	1	8/10/2010
m-,p-Xylene	BQL	2.00	1	8/10/2010
o-Xylene	BQL	1.00	1	8/10/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	30.8	103
Toluene-d8	30	28.9	96
4-Bromofluorobenzene	30	29.1	97

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: BJS

Reviewed By: DVO

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-6
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-6B
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 15:20
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	250	10	8/10/2010
Benzene	BQL	10.0	10	8/10/2010
Bromobenzene	BQL	10.0	10	8/10/2010
Bromochloromethane	BQL	10.0	10	8/10/2010
Bromodichloromethane	BQL	10.0	10	8/10/2010
Bromoform	BQL	10.0	10	8/10/2010
Bromomethane	BQL	10.0	10	8/10/2010
2-Butanone	BQL	250	10	8/10/2010
n-Butylbenzene	BQL	10.0	10	8/10/2010
sec-Butylbenzene	BQL	10.0	10	8/10/2010
tert-Butylbenzene	BQL	10.0	10	8/10/2010
Carbon disulfide	BQL	10.0	10	8/10/2010
Carbon tetrachloride	BQL	10.0	10	8/10/2010
Chlorobenzene	BQL	10.0	10	8/10/2010
Chloroethane	BQL	10.0	10	8/10/2010
Chloroform	BQL	10.0	10	8/10/2010
Chloromethane	BQL	10.0	10	8/10/2010
2-Chlorotoluene	BQL	10.0	10	8/10/2010
4-Chlorotoluene	BQL	10.0	10	8/10/2010
Dibromochloromethane	BQL	10.0	10	8/10/2010
1,2-Dibromo-3-chloropropane	BQL	50.0	10	8/10/2010
Dibromomethane	BQL	10.0	10	8/10/2010
1,2-Dibromoethane (EDB)	BQL	10.0	10	8/10/2010
1,2-Dichlorobenzene	BQL	10.0	10	8/10/2010
1,3-Dichlorobenzene	BQL	10.0	10	8/10/2010
1,4-Dichlorobenzene	BQL	10.0	10	8/10/2010
trans-1,4-Dichloro-2-butene	BQL	50.0	10	8/10/2010
1,1-Dichloroethane	BQL	10.0	10	8/10/2010
1,1-Dichloroethene	**24.7**	10.0	10	8/10/2010
1,2-Dichloroethane	BQL	10.0	10	8/10/2010
cis-1,2-Dichloroethene	BQL	10.0	10	8/10/2010
trans-1,2-dichloroethene	BQL	10.0	10	8/10/2010
1,2-Dichloropropane	BQL	10.0	10	8/10/2010
1,3-Dichloropropane	BQL	10.0	10	8/10/2010
2,2-Dichloropropane	BQL	10.0	10	8/10/2010
1,1-Dichloropropene	BQL	10.0	10	8/10/2010
cis-1,3-Dichloropropene	BQL	10.0	10	8/10/2010
trans-1,3-Dichloropropene	BQL	10.0	10	8/10/2010
Dichlorodifluoromethane	BQL	50.0	10	8/10/2010
Diisopropyl ether (DIPE)	BQL	10.0	10	8/10/2010
Ethylbenzene	BQL	10.0	10	8/10/2010
Hexachlorobutadiene	BQL	10.0	10	8/10/2010
2-Hexanone	BQL	50.0	10	8/10/2010
Iodomethane	BQL	10.0	10	8/10/2010
Isopropylbenzene	BQL	10.0	10	8/10/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-6
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-6B
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 15:20
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	10.0	10	8/10/2010
Methylene chloride	BQL	50.0	10	8/10/2010
4-Methyl-2-pentanone	BQL	50.0	10	8/10/2010
Methyl-tert-butyl ether (MTBE)	BQL	10.0	10	8/10/2010
Naphthalene	BQL	10.0	10	8/10/2010
n-Propyl benzene	BQL	10.0	10	8/10/2010
Styrene	BQL	10.0	10	8/10/2010
1,1,1,2-Tetrachloroethane	BQL	10.0	10	8/10/2010
1,1,2,2-Tetrachloroethane	BQL	10.0	10	8/10/2010
Tetrachloroethene	**244**	10.0	10	8/10/2010
Toluene	BQL	10.0	10	8/10/2010
1,2,3-Trichlorobenzene	BQL	10.0	10	8/10/2010
1,2,4-Trichlorobenzene	BQL	10.0	10	8/10/2010
Trichloroethene	**14.2**	10.0	10	8/10/2010
1,1,1-Trichloroethane	BQL	10.0	10	8/10/2010
1,1,2-Trichloroethane	BQL	10.0	10	8/10/2010
Trichlorofluoromethane	BQL	10.0	10	8/10/2010
1,2,3-Trichloropropane	BQL	10.0	10	8/10/2010
1,2,4-Trimethylbenzene	BQL	10.0	10	8/10/2010
1,3,5-Trimethylbenzene	BQL	10.0	10	8/10/2010
Vinyl chloride	BQL	10.0	10	8/10/2010
m-,p-Xylene	BQL	20.0	10	8/10/2010
o-Xylene	BQL	10.0	10	8/10/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	31.4	105
Toluene-d8	30	29.6	99
4-Bromofluorobenzene	30	29.6	98

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-7
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-7A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 14:05
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	400	16	8/9/2010
Benzene	BQL	16.0	16	8/9/2010
Bromobenzene	BQL	16.0	16	8/9/2010
Bromochloromethane	BQL	16.0	16	8/9/2010
Bromodichloromethane	BQL	16.0	16	8/9/2010
Bromoform	BQL	16.0	16	8/9/2010
Bromomethane	BQL	16.0	16	8/9/2010
2-Butanone	BQL	400	16	8/9/2010
n-Butylbenzene	BQL	16.0	16	8/9/2010
sec-Butylbenzene	BQL	16.0	16	8/9/2010
tert-Butylbenzene	BQL	16.0	16	8/9/2010
Carbon disulfide	BQL	16.0	16	8/9/2010
Carbon tetrachloride	BQL	16.0	16	8/9/2010
Chlorobenzene	BQL	16.0	16	8/9/2010
Chloroethane	BQL	16.0	16	8/9/2010
Chloroform	BQL	16.0	16	8/9/2010
Chloromethane	BQL	16.0	16	8/9/2010
2-Chlorotoluene	BQL	16.0	16	8/9/2010
4-Chlorotoluene	BQL	16.0	16	8/9/2010
Dibromochloromethane	BQL	16.0	16	8/9/2010
1,2-Dibromo-3-chloropropane	BQL	80.0	16	8/9/2010
Dibromomethane	BQL	16.0	16	8/9/2010
1,2-Dibromoethane (EDB)	BQL	16.0	16	8/9/2010
1,2-Dichlorobenzene	BQL	16.0	16	8/9/2010
1,3-Dichlorobenzene	BQL	16.0	16	8/9/2010
1,4-Dichlorobenzene	BQL	16.0	16	8/9/2010
trans-1,4-Dichloro-2-butene	BQL	80.0	16	8/9/2010
1,1-Dichloroethane	BQL	16.0	16	8/9/2010
1,1-Dichloroethene	**52.3**	16.0	16	8/9/2010
1,2-Dichloroethane	BQL	16.0	16	8/9/2010
cis-1,2-Dichloroethene	BQL	16.0	16	8/9/2010
trans-1,2-dichloroethene	BQL	16.0	16	8/9/2010
1,2-Dichloropropane	BQL	16.0	16	8/9/2010
1,3-Dichloropropane	BQL	16.0	16	8/9/2010
2,2-Dichloropropane	BQL	16.0	16	8/9/2010
1,1-Dichloropropene	BQL	16.0	16	8/9/2010
cis-1,3-Dichloropropene	BQL	16.0	16	8/9/2010
trans-1,3-Dichloropropene	BQL	16.0	16	8/9/2010
Dichlorodifluoromethane	BQL	80.0	16	8/9/2010
Diisopropyl ether (DIPE)	BQL	16.0	16	8/9/2010
Ethylbenzene	BQL	16.0	16	8/9/2010
Hexachlorobutadiene	BQL	16.0	16	8/9/2010
2-Hexanone	BQL	80.0	16	8/9/2010
Iodomethane	BQL	16.0	16	8/9/2010
Isopropylbenzene	BQL	16.0	16	8/9/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-7
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-7A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 14:05
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	16.0	16	8/9/2010
Methylene chloride	BQL	80.0	16	8/9/2010
4-Methyl-2-pentanone	BQL	80.0	16	8/9/2010
Methyl-tert-butyl ether (MTBE)	BQL	16.0	16	8/9/2010
Naphthalene	BQL	16.0	16	8/9/2010
n-Propyl benzene	BQL	16.0	16	8/9/2010
Styrene	BQL	16.0	16	8/9/2010
1,1,1,2-Tetrachloroethane	BQL	16.0	16	8/9/2010
1,1,2,2-Tetrachloroethane	BQL	16.0	16	8/9/2010
Tetrachloroethene	**273**	16.0	16	8/9/2010
Toluene	BQL	16.0	16	8/9/2010
1,2,3-Trichlorobenzene	BQL	16.0	16	8/9/2010
1,2,4-Trichlorobenzene	BQL	16.0	16	8/9/2010
Trichloroethene	**29.6**	16.0	16	8/9/2010
1,1,1-Trichloroethane	BQL	16.0	16	8/9/2010
1,1,2-Trichloroethane	BQL	16.0	16	8/9/2010
Trichlorofluoromethane	BQL	16.0	16	8/9/2010
1,2,3-Trichloropropane	BQL	16.0	16	8/9/2010
1,2,4-Trimethylbenzene	BQL	16.0	16	8/9/2010
1,3,5-Trimethylbenzene	BQL	16.0	16	8/9/2010
Vinyl chloride	BQL	16.0	16	8/9/2010
m-,p-Xylene	BQL	32.0	16	8/9/2010
o-Xylene	BQL	16.0	16	8/9/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	30.3	101
Toluene-d8	30	28.7	96
4-Bromofluorobenzene	30	29.2	97

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: BJS

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-8
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-8A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 12:00
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	1250	50	8/9/2010
Benzene	BQL	50.0	50	8/9/2010
Bromobenzene	BQL	50.0	50	8/9/2010
Bromochloromethane	BQL	50.0	50	8/9/2010
Bromodichloromethane	BQL	50.0	50	8/9/2010
Bromoform	BQL	50.0	50	8/9/2010
Bromomethane	BQL	50.0	50	8/9/2010
2-Butanone	BQL	1250	50	8/9/2010
n-Butylbenzene	BQL	50.0	50	8/9/2010
sec-Butylbenzene	BQL	50.0	50	8/9/2010
tert-Butylbenzene	BQL	50.0	50	8/9/2010
Carbon disulfide	BQL	50.0	50	8/9/2010
Carbon tetrachloride	BQL	50.0	50	8/9/2010
Chlorobenzene	BQL	50.0	50	8/9/2010
Chloroethane	BQL	50.0	50	8/9/2010
Chloroform	BQL	50.0	50	8/9/2010
Chloromethane	BQL	50.0	50	8/9/2010
2-Chlorotoluene	BQL	50.0	50	8/9/2010
4-Chlorotoluene	BQL	50.0	50	8/9/2010
Dibromochloromethane	BQL	50.0	50	8/9/2010
1,2-Dibromo-3-chloropropane	BQL	250	50	8/9/2010
Dibromomethane	BQL	50.0	50	8/9/2010
1,2-Dibromoethane (EDB)	BQL	50.0	50	8/9/2010
1,2-Dichlorobenzene	BQL	50.0	50	8/9/2010
1,3-Dichlorobenzene	BQL	50.0	50	8/9/2010
1,4-Dichlorobenzene	BQL	50.0	50	8/9/2010
trans-1,4-Dichloro-2-butene	BQL	250	50	8/9/2010
1,1-Dichloroethane	BQL	50.0	50	8/9/2010
1,1-Dichloroethene	**132**	50.0	50	8/9/2010
1,2-Dichloroethane	BQL	50.0	50	8/9/2010
cis-1,2-Dichloroethene	BQL	50.0	50	8/9/2010
trans-1,2-dichloroethene	BQL	50.0	50	8/9/2010
1,2-Dichloropropane	BQL	50.0	50	8/9/2010
1,3-Dichloropropane	BQL	50.0	50	8/9/2010
2,2-Dichloropropane	BQL	50.0	50	8/9/2010
1,1-Dichloropropene	BQL	50.0	50	8/9/2010
cis-1,3-Dichloropropene	BQL	50.0	50	8/9/2010
trans-1,3-Dichloropropene	BQL	50.0	50	8/9/2010
Dichlorodifluoromethane	BQL	250	50	8/9/2010
Diisopropyl ether (DIPE)	BQL	50.0	50	8/9/2010
Ethylbenzene	BQL	50.0	50	8/9/2010
Hexachlorobutadiene	BQL	50.0	50	8/9/2010
2-Hexanone	BQL	250	50	8/9/2010
Iodomethane	BQL	50.0	50	8/9/2010
Isopropylbenzene	BQL	50.0	50	8/9/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-8
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-8A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 12:00
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	50.0	50	8/9/2010
Methylene chloride	BQL	250	50	8/9/2010
4-Methyl-2-pentanone	BQL	250	50	8/9/2010
Methyl-tert-butyl ether (MTBE)	BQL	50.0	50	8/9/2010
Naphthalene	BQL	50.0	50	8/9/2010
n-Propyl benzene	BQL	50.0	50	8/9/2010
Styrene	BQL	50.0	50	8/9/2010
1,1,1,2-Tetrachloroethane	BQL	50.0	50	8/9/2010
1,1,2,2-Tetrachloroethane	BQL	50.0	50	8/9/2010
Tetrachloroethene	**974**	50.0	50	8/9/2010
Toluene	BQL	50.0	50	8/9/2010
1,2,3-Trichlorobenzene	BQL	50.0	50	8/9/2010
1,2,4-Trichlorobenzene	BQL	50.0	50	8/9/2010
Trichloroethene	BQL	50.0	50	8/9/2010
1,1,1-Trichloroethane	**102**	50.0	50	8/9/2010
1,1,2-Trichloroethane	BQL	50.0	50	8/9/2010
Trichlorofluoromethane	BQL	50.0	50	8/9/2010
1,2,3-Trichloropropane	BQL	50.0	50	8/9/2010
1,2,4-Trimethylbenzene	BQL	50.0	50	8/9/2010
1,3,5-Trimethylbenzene	BQL	50.0	50	8/9/2010
Vinyl chloride	BQL	50.0	50	8/9/2010
m-,p-Xylene	BQL	100	50	8/9/2010
o-Xylene	BQL	50.0	50	8/9/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	31.5	105
Toluene-d8	30	29.6	99
4-Bromofluorobenzene	30	29.3	98

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: Bus

Reviewed By: DA

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-9
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-9A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 12:50
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	25.0	1	8/9/2010
Benzene	BQL	1.00	1	8/9/2010
Bromobenzene	BQL	1.00	1	8/9/2010
Bromochloromethane	BQL	1.00	1	8/9/2010
Bromodichloromethane	BQL	1.00	1	8/9/2010
Bromoform	BQL	1.00	1	8/9/2010
Bromomethane	BQL	1.00	1	8/9/2010
2-Butanone	BQL	25.0	1	8/9/2010
n-Butylbenzene	BQL	1.00	1	8/9/2010
sec-Butylbenzene	BQL	1.00	1	8/9/2010
tert-Butylbenzene	BQL	1.00	1	8/9/2010
Carbon disulfide	BQL	1.00	1	8/9/2010
Carbon tetrachloride	BQL	1.00	1	8/9/2010
Chlorobenzene	BQL	1.00	1	8/9/2010
Chloroethane	BQL	1.00	1	8/9/2010
Chloroform	**1.40**	1.00	1	8/9/2010
Chloromethane	BQL	1.00	1	8/9/2010
2-Chlorotoluene	BQL	1.00	1	8/9/2010
4-Chlorotoluene	BQL	1.00	1	8/9/2010
Dibromochloromethane	BQL	1.00	1	8/9/2010
1,2-Dibromo-3-chloropropane	BQL	5.00	1	8/9/2010
Dibromomethane	BQL	1.00	1	8/9/2010
1,2-Dibromoethane (EDB)	BQL	1.00	1	8/9/2010
1,2-Dichlorobenzene	BQL	1.00	1	8/9/2010
1,3-Dichlorobenzene	BQL	1.00	1	8/9/2010
1,4-Dichlorobenzene	BQL	1.00	1	8/9/2010
trans-1,4-Dichloro-2-butene	BQL	5.00	1	8/9/2010
1,1-Dichloroethane	BQL	1.00	1	8/9/2010
1,1-Dichloroethene	BQL	1.00	1	8/9/2010
1,2-Dichloroethane	BQL	1.00	1	8/9/2010
cis-1,2-Dichloroethene	BQL	1.00	1	8/9/2010
trans-1,2-dichloroethene	BQL	1.00	1	8/9/2010
1,2-Dichloropropane	BQL	1.00	1	8/9/2010
1,3-Dichloropropane	BQL	1.00	1	8/9/2010
2,2-Dichloropropane	BQL	1.00	1	8/9/2010
1,1-Dichloropropene	BQL	1.00	1	8/9/2010
cis-1,3-Dichloropropene	BQL	1.00	1	8/9/2010
trans-1,3-Dichloropropene	BQL	1.00	1	8/9/2010
Dichlorodifluoromethane	BQL	5.00	1	8/9/2010
Diisopropyl ether (DIPE)	BQL	1.00	1	8/9/2010
Ethylbenzene	BQL	1.00	1	8/9/2010
Hexachlorobutadiene	BQL	1.00	1	8/9/2010
2-Hexanone	BQL	5.00	1	8/9/2010
Iodomethane	BQL	1.00	1	8/9/2010
Isopropylbenzene	BQL	1.00	1	8/9/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-9
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-9A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 12:50
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	1.00	1	8/9/2010
Methylene chloride	BQL	5.00	1	8/9/2010
4-Methyl-2-pentanone	BQL	5.00	1	8/9/2010
Methyl-tert-butyl ether (MTBE)	BQL	1.00	1	8/9/2010
Naphthalene	BQL	1.00	1	8/9/2010
n-Propyl benzene	BQL	1.00	1	8/9/2010
Styrene	BQL	1.00	1	8/9/2010
1,1,1,2-Tetrachloroethane	BQL	1.00	1	8/9/2010
1,1,2,2-Tetrachloroethane	BQL	1.00	1	8/9/2010
Tetrachloroethene	**3.62**	1.00	1	8/9/2010
Toluene	BQL	1.00	1	8/9/2010
1,2,3-Trichlorobenzene	BQL	1.00	1	8/9/2010
1,2,4-Trichlorobenzene	BQL	1.00	1	8/9/2010
Trichloroethene	BQL	1.00	1	8/9/2010
1,1,1-Trichloroethane	BQL	1.00	1	8/9/2010
1,1,2-Trichloroethane	BQL	1.00	1	8/9/2010
Trichlorofluoromethane	BQL	1.00	1	8/9/2010
1,2,3-Trichloropropane	BQL	1.00	1	8/9/2010
1,2,4-Trimethylbenzene	BQL	1.00	1	8/9/2010
1,3,5-Trimethylbenzene	BQL	1.00	1	8/9/2010
Vinyl chloride	BQL	1.00	1	8/9/2010
m-,p-Xylene	BQL	2.00	1	8/9/2010
o-Xylene	BQL	1.00	1	8/9/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	30.7	102
Toluene-d8	30	29.2	97
4-Bromofluorobenzene	30	29.1	97

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: Bud

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-11
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-10A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/29/2010 9:45
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	25.0	1	8/10/2010
Benzene	BQL	1.00	1	8/10/2010
Bromobenzene	BQL	1.00	1	8/10/2010
Bromochloromethane	BQL	1.00	1	8/10/2010
Bromodichloromethane	BQL	1.00	1	8/10/2010
Bromoform	BQL	1.00	1	8/10/2010
Bromomethane	BQL	1.00	1	8/10/2010
2-Butanone	BQL	25.0	1	8/10/2010
n-Butylbenzene	BQL	1.00	1	8/10/2010
sec-Butylbenzene	BQL	1.00	1	8/10/2010
tert-Butylbenzene	BQL	1.00	1	8/10/2010
Carbon disulfide	BQL	1.00	1	8/10/2010
Carbon tetrachloride	BQL	1.00	1	8/10/2010
Chlorobenzene	BQL	1.00	1	8/10/2010
Chloroethane	BQL	1.00	1	8/10/2010
Chloroform	**1.86**	1.00	1	8/10/2010
Chloromethane	BQL	1.00	1	8/10/2010
2-Chlorotoluene	BQL	1.00	1	8/10/2010
4-Chlorotoluene	BQL	1.00	1	8/10/2010
Dibromochloromethane	BQL	1.00	1	8/10/2010
1,2-Dibromo-3-chloropropane	BQL	5.00	1	8/10/2010
Dibromomethane	BQL	1.00	1	8/10/2010
1,2-Dibromoethane (EDB)	BQL	1.00	1	8/10/2010
1,2-Dichlorobenzene	BQL	1.00	1	8/10/2010
1,3-Dichlorobenzene	BQL	1.00	1	8/10/2010
1,4-Dichlorobenzene	BQL	1.00	1	8/10/2010
trans-1,4-Dichloro-2-butene	BQL	5.00	1	8/10/2010
1,1-Dichloroethane	BQL	1.00	1	8/10/2010
1,1-Dichloroethene	BQL	1.00	1	8/10/2010
1,2-Dichloroethane	BQL	1.00	1	8/10/2010
cis-1,2-Dichloroethene	BQL	1.00	1	8/10/2010
trans-1,2-dichloroethene	BQL	1.00	1	8/10/2010
1,2-Dichloropropane	BQL	1.00	1	8/10/2010
1,3-Dichloropropane	BQL	1.00	1	8/10/2010
2,2-Dichloropropane	BQL	1.00	1	8/10/2010
1,1-Dichloropropene	BQL	1.00	1	8/10/2010
cis-1,3-Dichloropropene	BQL	1.00	1	8/10/2010
trans-1,3-Dichloropropene	BQL	1.00	1	8/10/2010
Dichlorodifluoromethane	BQL	5.00	1	8/10/2010
Diisopropyl ether (DIPE)	BQL	1.00	1	8/10/2010
Ethylbenzene	BQL	1.00	1	8/10/2010
Hexachlorobutadiene	BQL	1.00	1	8/10/2010
2-Hexanone	BQL	5.00	1	8/10/2010
Iodomethane	BQL	1.00	1	8/10/2010
Isopropylbenzene	BQL	1.00	1	8/10/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: MW-11
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-10A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/29/2010 9:45
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	1.00	1	8/10/2010
Methylene chloride	BQL	5.00	1	8/10/2010
4-Methyl-2-pentanone	BQL	5.00	1	8/10/2010
Methyl-tert-butyl ether (MTBE)	BQL	1.00	1	8/10/2010
Naphthalene	BQL	1.00	1	8/10/2010
n-Propyl benzene	BQL	1.00	1	8/10/2010
Styrene	BQL	1.00	1	8/10/2010
1,1,1,2-Tetrachloroethane	BQL	1.00	1	8/10/2010
1,1,2,2-Tetrachloroethane	BQL	1.00	1	8/10/2010
Tetrachloroethene	**2.01**	1.00	1	8/10/2010
Toluene	BQL	1.00	1	8/10/2010
1,2,3-Trichlorobenzene	BQL	1.00	1	8/10/2010
1,2,4-Trichlorobenzene	BQL	1.00	1	8/10/2010
Trichloroethene	BQL	1.00	1	8/10/2010
1,1,1-Trichloroethane	BQL	1.00	1	8/10/2010
1,1,2-Trichloroethane	BQL	1.00	1	8/10/2010
Trichlorofluoromethane	BQL	1.00	1	8/10/2010
1,2,3-Trichloropropane	BQL	1.00	1	8/10/2010
1,2,4-Trimethylbenzene	BQL	1.00	1	8/10/2010
1,3,5-Trimethylbenzene	BQL	1.00	1	8/10/2010
Vinyl chloride	BQL	1.00	1	8/10/2010
m-,p-Xylene	BQL	2.00	1	8/10/2010
o-Xylene	BQL	1.00	1	8/10/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	31	103
Toluene-d8	30	29.6	99
4-Bromofluorobenzene	30	29.6	99

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260

Client Sample ID: Trip Blank
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-11A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 0:00
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	25.0	1	8/9/2010
Benzene	BQL	1.00	1	8/9/2010
Bromobenzene	BQL	1.00	1	8/9/2010
Bromochloromethane	BQL	1.00	1	8/9/2010
Bromodichloromethane	BQL	1.00	1	8/9/2010
Bromoform	BQL	1.00	1	8/9/2010
Bromomethane	BQL	1.00	1	8/9/2010
2-Butanone	BQL	25.0	1	8/9/2010
n-Butylbenzene	BQL	1.00	1	8/9/2010
sec-Butylbenzene	BQL	1.00	1	8/9/2010
tert-Butylbenzene	BQL	1.00	1	8/9/2010
Carbon disulfide	BQL	1.00	1	8/9/2010
Carbon tetrachloride	BQL	1.00	1	8/9/2010
Chlorobenzene	BQL	1.00	1	8/9/2010
Chloroethane	BQL	1.00	1	8/9/2010
Chloroform	BQL	1.00	1	8/9/2010
Chloromethane	BQL	1.00	1	8/9/2010
2-Chlorotoluene	BQL	1.00	1	8/9/2010
4-Chlorotoluene	BQL	1.00	1	8/9/2010
Dibromochloromethane	BQL	1.00	1	8/9/2010
1,2-Dibromo-3-chloropropane	BQL	5.00	1	8/9/2010
Dibromomethane	BQL	1.00	1	8/9/2010
1,2-Dibromoethane (EDB)	BQL	1.00	1	8/9/2010
1,2-Dichlorobenzene	BQL	1.00	1	8/9/2010
1,3-Dichlorobenzene	BQL	1.00	1	8/9/2010
1,4-Dichlorobenzene	BQL	1.00	1	8/9/2010
trans-1,4-Dichloro-2-butene	BQL	5.00	1	8/9/2010
1,1-Dichloroethane	BQL	1.00	1	8/9/2010
1,1-Dichloroethene	BQL	1.00	1	8/9/2010
1,2-Dichloroethane	BQL	1.00	1	8/9/2010
cis-1,2-Dichloroethene	BQL	1.00	1	8/9/2010
trans-1,2-dichloroethene	BQL	1.00	1	8/9/2010
1,2-Dichloropropane	BQL	1.00	1	8/9/2010
1,3-Dichloropropane	BQL	1.00	1	8/9/2010
2,2-Dichloropropane	BQL	1.00	1	8/9/2010
1,1-Dichloropropene	BQL	1.00	1	8/9/2010
cis-1,3-Dichloropropene	BQL	1.00	1	8/9/2010
trans-1,3-Dichloropropene	BQL	1.00	1	8/9/2010
Dichlorodifluoromethane	BQL	5.00	1	8/9/2010
Diisopropyl ether (DIPE)	BQL	1.00	1	8/9/2010
Ethylbenzene	BQL	1.00	1	8/9/2010
Hexachlorobutadiene	BQL	1.00	1	8/9/2010
2-Hexanone	BQL	5.00	1	8/9/2010
Iodomethane	BQL	1.00	1	8/9/2010
Isopropylbenzene	BQL	1.00	1	8/9/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: Trip Blank
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-11A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 0:00
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	1.00	1	8/9/2010
Methylene chloride	BQL	5.00	1	8/9/2010
4-Methyl-2-pentanone	BQL	5.00	1	8/9/2010
Methyl-tert-butyl ether (MTBE)	BQL	1.00	1	8/9/2010
Naphthalene	BQL	1.00	1	8/9/2010
n-Propyl benzene	BQL	1.00	1	8/9/2010
Styrene	BQL	1.00	1	8/9/2010
1,1,1,2-Tetrachloroethane	BQL	1.00	1	8/9/2010
1,1,2,2-Tetrachloroethane	BQL	1.00	1	8/9/2010
Tetrachloroethene	BQL	1.00	1	8/9/2010
Toluene	BQL	1.00	1	8/9/2010
1,2,3-Trichlorobenzene	BQL	1.00	1	8/9/2010
1,2,4-Trichlorobenzene	BQL	1.00	1	8/9/2010
Trichloroethene	BQL	1.00	1	8/9/2010
1,1,1-Trichloroethane	BQL	1.00	1	8/9/2010
1,1,2-Trichloroethane	BQL	1.00	1	8/9/2010
Trichlorofluoromethane	BQL	1.00	1	8/9/2010
1,2,3-Trichloropropane	BQL	1.00	1	8/9/2010
1,2,4-Trimethylbenzene	BQL	1.00	1	8/9/2010
1,3,5-Trimethylbenzene	BQL	1.00	1	8/9/2010
Vinyl chloride	BQL	1.00	1	8/9/2010
m-,p-Xylene	BQL	2.00	1	8/9/2010
o-Xylene	BQL	1.00	1	8/9/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	30.1	100
Toluene-d8	30	28.6	95
4-Bromofluorobenzene	30	29.6	99

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: Bw

Reviewed By: MA

Results for Volatiles
by GCMS 8260

Client Sample ID: FB
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-12A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 13:45
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	25.0	1	8/9/2010
Benzene	BQL	1.00	1	8/9/2010
Bromobenzene	BQL	1.00	1	8/9/2010
Bromochloromethane	BQL	1.00	1	8/9/2010
Bromodichloromethane	BQL	1.00	1	8/9/2010
Bromoform	BQL	1.00	1	8/9/2010
Bromomethane	BQL	1.00	1	8/9/2010
2-Butanone	BQL	25.0	1	8/9/2010
n-Butylbenzene	BQL	1.00	1	8/9/2010
sec-Butylbenzene	BQL	1.00	1	8/9/2010
tert-Butylbenzene	BQL	1.00	1	8/9/2010
Carbon disulfide	BQL	1.00	1	8/9/2010
Carbon tetrachloride	BQL	1.00	1	8/9/2010
Chlorobenzene	BQL	1.00	1	8/9/2010
Chloroethane	BQL	1.00	1	8/9/2010
Chloroform	BQL	1.00	1	8/9/2010
Chloromethane	BQL	1.00	1	8/9/2010
2-Chlorotoluene	BQL	1.00	1	8/9/2010
4-Chlorotoluene	BQL	1.00	1	8/9/2010
Dibromochloromethane	BQL	1.00	1	8/9/2010
1,2-Dibromo-3-chloropropane	BQL	5.00	1	8/9/2010
Dibromomethane	BQL	1.00	1	8/9/2010
1,2-Dibromoethane (EDB)	BQL	1.00	1	8/9/2010
1,2-Dichlorobenzene	BQL	1.00	1	8/9/2010
1,3-Dichlorobenzene	BQL	1.00	1	8/9/2010
1,4-Dichlorobenzene	BQL	1.00	1	8/9/2010
trans-1,4-Dichloro-2-butene	BQL	5.00	1	8/9/2010
1,1-Dichloroethane	BQL	1.00	1	8/9/2010
1,1-Dichloroethene	BQL	1.00	1	8/9/2010
1,2-Dichloroethane	BQL	1.00	1	8/9/2010
cis-1,2-Dichloroethene	BQL	1.00	1	8/9/2010
trans-1,2-dichloroethene	BQL	1.00	1	8/9/2010
1,2-Dichloropropane	BQL	1.00	1	8/9/2010
1,3-Dichloropropane	BQL	1.00	1	8/9/2010
2,2-Dichloropropane	BQL	1.00	1	8/9/2010
1,1-Dichloropropene	BQL	1.00	1	8/9/2010
cis-1,3-Dichloropropene	BQL	1.00	1	8/9/2010
trans-1,3-Dichloropropene	BQL	1.00	1	8/9/2010
Dichlorodifluoromethane	BQL	5.00	1	8/9/2010
Diisopropyl ether (DIPE)	BQL	1.00	1	8/9/2010
Ethylbenzene	BQL	1.00	1	8/9/2010
Hexachlorobutadiene	BQL	1.00	1	8/9/2010
2-Hexanone	BQL	5.00	1	8/9/2010
Iodomethane	BQL	1.00	1	8/9/2010
Isopropylbenzene	BQL	1.00	1	8/9/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: FB
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-12A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 13:45
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	1.00	1	8/9/2010
Methylene chloride	BQL	5.00	1	8/9/2010
4-Methyl-2-pentanone	BQL	5.00	1	8/9/2010
Methyl-tert-butyl ether (MTBE)	BQL	1.00	1	8/9/2010
Naphthalene	BQL	1.00	1	8/9/2010
n-Propyl benzene	BQL	1.00	1	8/9/2010
Styrene	BQL	1.00	1	8/9/2010
1,1,1,2-Tetrachloroethane	BQL	1.00	1	8/9/2010
1,1,2,2-Tetrachloroethane	BQL	1.00	1	8/9/2010
Tetrachloroethene	BQL	1.00	1	8/9/2010
Toluene	BQL	1.00	1	8/9/2010
1,2,3-Trichlorobenzene	BQL	1.00	1	8/9/2010
1,2,4-Trichlorobenzene	BQL	1.00	1	8/9/2010
Trichloroethene	BQL	1.00	1	8/9/2010
1,1,1-Trichloroethane	BQL	1.00	1	8/9/2010
1,1,2-Trichloroethane	BQL	1.00	1	8/9/2010
Trichlorofluoromethane	BQL	1.00	1	8/9/2010
1,2,3-Trichloropropane	BQL	1.00	1	8/9/2010
1,2,4-Trimethylbenzene	BQL	1.00	1	8/9/2010
1,3,5-Trimethylbenzene	BQL	1.00	1	8/9/2010
Vinyl chloride	BQL	1.00	1	8/9/2010
m-,p-Xylene	BQL	2.00	1	8/9/2010
o-Xylene	BQL	1.00	1	8/9/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	30.1	100
Toluene-d8	30	28.9	96
4-Bromofluorobenzene	30	29.3	98

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260

Client Sample ID: RB
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-13A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/29/2010 8:15
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	25.0	1	8/9/2010
Benzene	BQL	1.00	1	8/9/2010
Bromobenzene	BQL	1.00	1	8/9/2010
Bromochloromethane	BQL	1.00	1	8/9/2010
Bromodichloromethane	BQL	1.00	1	8/9/2010
Bromoform	BQL	1.00	1	8/9/2010
Bromomethane	BQL	1.00	1	8/9/2010
2-Butanone	BQL	25.0	1	8/9/2010
n-Butylbenzene	BQL	1.00	1	8/9/2010
sec-Butylbenzene	BQL	1.00	1	8/9/2010
tert-Butylbenzene	BQL	1.00	1	8/9/2010
Carbon disulfide	BQL	1.00	1	8/9/2010
Carbon tetrachloride	BQL	1.00	1	8/9/2010
Chlorobenzene	BQL	1.00	1	8/9/2010
Chloroethane	BQL	1.00	1	8/9/2010
Chloroform	BQL	1.00	1	8/9/2010
Chloromethane	BQL	1.00	1	8/9/2010
2-Chlorotoluene	BQL	1.00	1	8/9/2010
4-Chlorotoluene	BQL	1.00	1	8/9/2010
Dibromochloromethane	BQL	1.00	1	8/9/2010
1,2-Dibromo-3-chloropropane	BQL	5.00	1	8/9/2010
Dibromomethane	BQL	1.00	1	8/9/2010
1,2-Dibromoethane (EDB)	BQL	1.00	1	8/9/2010
1,2-Dichlorobenzene	BQL	1.00	1	8/9/2010
1,3-Dichlorobenzene	BQL	1.00	1	8/9/2010
1,4-Dichlorobenzene	BQL	1.00	1	8/9/2010
trans-1,4-Dichloro-2-butene	BQL	5.00	1	8/9/2010
1,1-Dichloroethane	BQL	1.00	1	8/9/2010
1,1-Dichloroethene	BQL	1.00	1	8/9/2010
1,2-Dichloroethane	BQL	1.00	1	8/9/2010
cis-1,2-Dichloroethene	BQL	1.00	1	8/9/2010
trans-1,2-dichloroethene	BQL	1.00	1	8/9/2010
1,2-Dichloropropane	BQL	1.00	1	8/9/2010
1,3-Dichloropropane	BQL	1.00	1	8/9/2010
2,2-Dichloropropane	BQL	1.00	1	8/9/2010
1,1-Dichloropropene	BQL	1.00	1	8/9/2010
cis-1,3-Dichloropropene	BQL	1.00	1	8/9/2010
trans-1,3-Dichloropropene	BQL	1.00	1	8/9/2010
Dichlorodifluoromethane	BQL	5.00	1	8/9/2010
Diisopropyl ether (DIPE)	BQL	1.00	1	8/9/2010
Ethylbenzene	BQL	1.00	1	8/9/2010
Hexachlorobutadiene	BQL	1.00	1	8/9/2010
2-Hexanone	BQL	5.00	1	8/9/2010
Iodomethane	BQL	1.00	1	8/9/2010
Isopropylbenzene	BQL	1.00	1	8/9/2010

Results for Volatiles
by GCMS 8260

Client Sample ID: RB
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-13A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/29/2010 8:15
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	1.00	1	8/9/2010
Methylene chloride	BQL	5.00	1	8/9/2010
4-Methyl-2-pentanone	BQL	5.00	1	8/9/2010
Methyl-tert-butyl ether (MTBE)	BQL	1.00	1	8/9/2010
Naphthalene	BQL	1.00	1	8/9/2010
n-Propyl benzene	BQL	1.00	1	8/9/2010
Styrene	BQL	1.00	1	8/9/2010
1,1,1,2-Tetrachloroethane	BQL	1.00	1	8/9/2010
1,1,2,2-Tetrachloroethane	BQL	1.00	1	8/9/2010
Tetrachloroethene	BQL	1.00	1	8/9/2010
Toluene	BQL	1.00	1	8/9/2010
1,2,3-Trichlorobenzene	BQL	1.00	1	8/9/2010
1,2,4-Trichlorobenzene	BQL	1.00	1	8/9/2010
Trichloroethene	BQL	1.00	1	8/9/2010
1,1,1-Trichloroethane	BQL	1.00	1	8/9/2010
1,1,2-Trichloroethane	BQL	1.00	1	8/9/2010
Trichlorofluoromethane	BQL	1.00	1	8/9/2010
1,2,3-Trichloropropane	BQL	1.00	1	8/9/2010
1,2,4-Trimethylbenzene	BQL	1.00	1	8/9/2010
1,3,5-Trimethylbenzene	BQL	1.00	1	8/9/2010
Vinyl chloride	BQL	1.00	1	8/9/2010
m-,p-Xylene	BQL	2.00	1	8/9/2010
o-Xylene	BQL	1.00	1	8/9/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	30.8	103
Toluene-d8	30	29.1	97
4-Bromofluorobenzene	30	29.3	98

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: BWJ

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260

Client Sample ID: Dup-1
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-14A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 16:10
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	8000	320	8/9/2010
Benzene	BQL	320	320	8/9/2010
Bromobenzene	BQL	320	320	8/9/2010
Bromochloromethane	BQL	320	320	8/9/2010
Bromodichloromethane	BQL	320	320	8/9/2010
Bromoform	BQL	320	320	8/9/2010
Bromomethane	BQL	320	320	8/9/2010
2-Butanone	BQL	8000	320	8/9/2010
n-Butylbenzene	BQL	320	320	8/9/2010
sec-Butylbenzene	BQL	320	320	8/9/2010
tert-Butylbenzene	BQL	320	320	8/9/2010
Carbon disulfide	BQL	320	320	8/9/2010
Carbon tetrachloride	BQL	320	320	8/9/2010
Chlorobenzene	BQL	320	320	8/9/2010
Chloroethane	BQL	320	320	8/9/2010
Chloroform	BQL	320	320	8/9/2010
Chloromethane	BQL	320	320	8/9/2010
2-Chlorotoluene	BQL	320	320	8/9/2010
4-Chlorotoluene	BQL	320	320	8/9/2010
Dibromochloromethane	BQL	320	320	8/9/2010
1,2-Dibromo-3-chloropropane	BQL	1600	320	8/9/2010
Dibromomethane	BQL	320	320	8/9/2010
1,2-Dibromoethane (EDB)	BQL	320	320	8/9/2010
1,2-Dichlorobenzene	BQL	320	320	8/9/2010
1,3-Dichlorobenzene	BQL	320	320	8/9/2010
1,4-Dichlorobenzene	BQL	320	320	8/9/2010
trans-1,4-Dichloro-2-butene	BQL	1600	320	8/9/2010
1,1-Dichloroethane	BQL	320	320	8/9/2010
1,1-Dichloroethene	**867**	320	320	8/9/2010
1,2-Dichloroethane	BQL	320	320	8/9/2010
cis-1,2-Dichloroethene	BQL	320	320	8/9/2010
trans-1,2-dichloroethene	BQL	320	320	8/9/2010
1,2-Dichloropropane	BQL	320	320	8/9/2010
1,3-Dichloropropane	BQL	320	320	8/9/2010
2,2-Dichloropropane	BQL	320	320	8/9/2010
1,1-Dichloropropene	BQL	320	320	8/9/2010
cis-1,3-Dichloropropene	BQL	320	320	8/9/2010
trans-1,3-Dichloropropene	BQL	320	320	8/9/2010
Dichlorodifluoromethane	BQL	1600	320	8/9/2010
Diisopropyl ether (DIPE)	BQL	320	320	8/9/2010
Ethylbenzene	BQL	320	320	8/9/2010
Hexachlorobutadiene	BQL	320	320	8/9/2010
2-Hexanone	BQL	1600	320	8/9/2010
Iodomethane	BQL	320	320	8/9/2010
Isopropylbenzene	BQL	320	320	8/9/2010

SGS North America, Inc.

Results for Volatiles
by GCMS 8260

Client Sample ID: Dup-1
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-14A
Lab Project ID: G375-136

Analyzed By: DVO
Date Collected: 7/28/2010 16:10
Date Received: 7/30/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	320	320	8/9/2010
Methylene chloride	BQL	1600	320	8/9/2010
4-Methyl-2-pentanone	BQL	1600	320	8/9/2010
Methyl-tert-butyl ether (MTBE)	BQL	320	320	8/9/2010
Naphthalene	BQL	320	320	8/9/2010
n-Propyl benzene	BQL	320	320	8/9/2010
Styrene	BQL	320	320	8/9/2010
1,1,1,2-Tetrachloroethane	BQL	320	320	8/9/2010
1,1,2,2-Tetrachloroethane	BQL	320	320	8/9/2010
Tetrachloroethene	**5270**	320	320	8/9/2010
Toluene	BQL	320	320	8/9/2010
1,2,3-Trichlorobenzene	BQL	320	320	8/9/2010
1,2,4-Trichlorobenzene	BQL	320	320	8/9/2010
Trichloroethene	**653**	320	320	8/9/2010
1,1,1-Trichloroethane	BQL	320	320	8/9/2010
1,1,2-Trichloroethane	BQL	320	320	8/9/2010
Trichlorofluoromethane	BQL	320	320	8/9/2010
1,2,3-Trichloropropane	BQL	320	320	8/9/2010
1,2,4-Trimethylbenzene	BQL	320	320	8/9/2010
1,3,5-Trimethylbenzene	BQL	320	320	8/9/2010
Vinyl chloride	BQL	320	320	8/9/2010
m-,p-Xylene	BQL	640	320	8/9/2010
o-Xylene	BQL	320	320	8/9/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	31.6	105
Toluene-d8	30	29.4	98
4-Bromofluorobenzene	30	29.3	98

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: BJD

Reviewed By: DD

Results for Volatiles
by GCMS 8260

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK4080910B
Lab Project ID:

Analyzed By: DVO
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	25.0	1	8/9/2010
Benzene	BQL	1.00	1	8/9/2010
Bromobenzene	BQL	1.00	1	8/9/2010
Bromochloromethane	BQL	1.00	1	8/9/2010
Bromodichloromethane	BQL	1.00	1	8/9/2010
Bromoform	BQL	1.00	1	8/9/2010
Bromomethane	BQL	1.00	1	8/9/2010
2-Butanone	BQL	25.0	1	8/9/2010
n-Butylbenzene	BQL	1.00	1	8/9/2010
sec-Butylbenzene	BQL	1.00	1	8/9/2010
tert-Butylbenzene	BQL	1.00	1	8/9/2010
Carbon disulfide	BQL	1.00	1	8/9/2010
Carbon tetrachloride	BQL	1.00	1	8/9/2010
Chlorobenzene	BQL	1.00	1	8/9/2010
Chloroethane	BQL	1.00	1	8/9/2010
Chloroform	BQL	1.00	1	8/9/2010
Chloromethane	BQL	1.00	1	8/9/2010
2-Chlorotoluene	BQL	1.00	1	8/9/2010
4-Chlorotoluene	BQL	1.00	1	8/9/2010
Dibromochloromethane	BQL	1.00	1	8/9/2010
1,2-Dibromo-3-chloropropane	BQL	5.00	1	8/9/2010
Dibromomethane	BQL	1.00	1	8/9/2010
1,2-Dibromoethane (EDB)	BQL	1.00	1	8/9/2010
1,2-Dichlorobenzene	BQL	1.00	1	8/9/2010
1,3-Dichlorobenzene	BQL	1.00	1	8/9/2010
1,4-Dichlorobenzene	BQL	1.00	1	8/9/2010
trans-1,4-Dichloro-2-butene	BQL	5.00	1	8/9/2010
1,1-Dichloroethane	BQL	1.00	1	8/9/2010
1,1-Dichloroethene	BQL	1.00	1	8/9/2010
1,2-Dichloroethane	BQL	1.00	1	8/9/2010
cis-1,2-Dichloroethene	BQL	1.00	1	8/9/2010
trans-1,2-dichloroethene	BQL	1.00	1	8/9/2010
1,2-Dichloropropane	BQL	1.00	1	8/9/2010
1,3-Dichloropropane	BQL	1.00	1	8/9/2010
2,2-Dichloropropane	BQL	1.00	1	8/9/2010
1,1-Dichloropropene	BQL	1.00	1	8/9/2010
cis-1,3-Dichloropropene	BQL	1.00	1	8/9/2010
trans-1,3-Dichloropropene	BQL	1.00	1	8/9/2010
Dichlorodifluoromethane	BQL	5.00	1	8/9/2010
Diisopropyl ether (DIPE)	BQL	1.00	1	8/9/2010
Ethylbenzene	BQL	1.00	1	8/9/2010
Hexachlorobutadiene	BQL	1.00	1	8/9/2010
2-Hexanone	BQL	5.00	1	8/9/2010
Iodomethane	BQL	1.00	1	8/9/2010
Isopropylbenzene	BQL	1.00	1	8/9/2010

Results for Volatiles
by GCMS 8260

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK4080910B
Lab Project ID:

Analyzed By: DVO
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	1.00	1	8/9/2010
Methylene chloride	BQL	5.00	1	8/9/2010
4-Methyl-2-pentanone	BQL	5.00	1	8/9/2010
Methyl-tert-butyl ether (MTBE)	BQL	1.00	1	8/9/2010
Naphthalene	BQL	1.00	1	8/9/2010
n-Propyl benzene	BQL	1.00	1	8/9/2010
Styrene	BQL	1.00	1	8/9/2010
1,1,1,2-Tetrachloroethane	BQL	1.00	1	8/9/2010
1,1,2,2-Tetrachloroethane	BQL	1.00	1	8/9/2010
Tetrachloroethene	BQL	1.00	1	8/9/2010
Toluene	BQL	1.00	1	8/9/2010
1,2,3-Trichlorobenzene	BQL	1.00	1	8/9/2010
1,2,4-Trichlorobenzene	BQL	1.00	1	8/9/2010
Trichloroethene	BQL	1.00	1	8/9/2010
1,1,1-Trichloroethane	BQL	1.00	1	8/9/2010
1,1,2-Trichloroethane	BQL	1.00	1	8/9/2010
Trichlorofluoromethane	BQL	1.00	1	8/9/2010
1,2,3-Trichloropropane	BQL	1.00	1	8/9/2010
1,2,4-Trimethylbenzene	BQL	1.00	1	8/9/2010
1,3,5-Trimethylbenzene	BQL	1.00	1	8/9/2010
Vinyl chloride	BQL	1.00	1	8/9/2010
m-,p-Xylene	BQL	2.00	1	8/9/2010
o-Xylene	BQL	1.00	1	8/9/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	30.4	101
Toluene-d8	30	29.1	97
4-Bromofluorobenzene	30	29	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [illegible]

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 1

Lab Code: NC00919 — Matrix: Water

LCS: LCS4080910A — Filename: 0809403.D — Date Analyzed: 08/09/10 09:19

LCSD: LCS4080910B — Filename: 0809404.D — Date Analyzed: 08/09/10 09:43

COMPOUND	LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	25.0	23.2	93.0	25.0	26.2	105	12.0	30	23.5-141
acrolein	125	147	118	125	148	118	0.278	30	31.4-182
acrylonitrile	125	138	111	125	144	115	4.07	30	64.2-140
benzene	5.00	4.64	92.8	5.00	4.81	96.2	3.60	30	76.6-120
bromobenzene	5.00	4.79	95.8	5.00	4.79	95.8	0.00	30	75.0-122
bromochloromethane	5.00	4.73	94.6	5.00	4.99	99.8	5.35	30	74.8-127
bromodichloromethane	5.00	4.80	96.0	5.00	4.97	99.4	3.48	30	76.4-117
bromoform	5.00	5.43	108	5.00	5.48	110	0.916	30	62.4-127
bromomethane	5.00	5.86	117	5.00	5.46	109	7.07	30	34.2-166
2-butanone	25.0	24.6	98.3	25.0	27.5	110	11.3	30	44.9-126
n-butylbenzene	5.00	5.32	106	5.00	5.32	106	0.00	30	72.0-122
sec-butylbenzene	5.00	5.24	105	5.00	5.32	106	1.52	30	78.3-116
tert-butylbenzene	5.00	5.11	102	5.00	5.26	105	2.89	30	53.1-148
Carbon disulfide	5.00	4.07	81.4	5.00	4.19	83.8	2.90	30	69.0-118
carbon tetrachloride	5.00	4.76	95.2	5.00	4.89	97.8	2.69	30	71.7-124
chlorobenzene	5.00	4.68	93.6	5.00	4.74	94.8	1.27	30	75.5-116
chloroethane	5.00	5.51	110	5.00	5.56	111	0.903	30	78.2-138
2-chloroethyl vinyl ether	125	115	91.8	125	119	95.0	3.42	30	5.57-235
chloroform	5.00	4.80	96.0	5.00	4.97	99.4	3.48	30	80.6-117
chloromethane	5.00	5.39	108	5.00	5.30	106	1.68	30	72.6-127
2-chlorotoluene	5.00	4.96	99.2	5.00	4.99	99.8	0.603	30	81.4-117
4-chlorotoluene	5.00	5.16	103	5.00	5.24	105	1.54	30	82.1-116
dibromochloromethane	5.00	5.12	102	5.00	5.10	102	0.391	30	73.1-117
1,2-dibromo-3-chloropropane	30.0	35.2	117	30.0	35.3	118	0.369	30	58.0-133
1,2-dibromoethane	5.00	4.74	94.8	5.00	5.03	101	5.94	30	75.5-118
dibromomethane	5.00	4.82	96.4	5.00	4.99	99.8	3.46	30	77.3-124
1,2-dichlorobenzene	5.00	5.11	102	5.00	5.17	103	1.17	30	76.3-115
1,3-dichlorobenzene	5.00	5.02	100	5.00	5.07	101	0.991	30	79.1-114
1,4-dichlorobenzene	5.00	5.12	102	5.00	5.14	103	0.390	30	76.8-115
trans-1,4-Dichloro-2-butene	25.0	28.8	115	25.0	29.9	120	3.74	30	52.3-130
dichlorodifluoromethane	5.00	5.80	116	5.00	5.73	114	1.21	30	69.8-134
1,1-dichloroethane	5.00	4.79	95.8	5.00	4.78	95.6	0.209	30	78.0-120
1,2-dichloroethane	5.00	4.64	92.8	5.00	4.88	97.6	5.04	30	72.8-126
1,1-dichloroethene	5.00	4.24	84.8	5.00	4.24	84.8	0.00	30	74.6-121
cis-1,2-dichloroethene	5.00	4.66	93.2	5.00	4.79	95.8	2.75	30	78.0-121
trans-1,2-dichloroethene	5.00	4.51	90.2	5.00	4.66	93.2	3.27	30	60.7-144
1,2-dichloropropane	5.00	4.70	94.0	5.00	4.87	97.4	3.55	30	75.8-119
1,3-dichloropropane	5.00	4.85	97.0	5.00	4.96	99.2	2.24	30	78.5-113
2,2-dichloropropane	5.00	5.89	118	5.00	6.10	122	3.50	30	75.6-130
1,1-dichloropropene	5.00	4.66	93.2	5.00	4.80	96.0	2.96	30	79.7-117
cis-1,3-dichloropropene	5.00	4.84	96.8	5.00	4.96	99.2	2.45	30	79.8-113

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 1

Lab Code: NC00919 — Matrix: Water

LCS: LCS4080910A — Filename: 0809403.D — Date Analyzed: 08/09/10 09:19

LCSD: LCS4080910B — Filename: 0809404.D — Date Analyzed: 08/09/10 09:43

COMPOUND	LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	5.00	5.44	109	5.00	5.51	110	1.28	30	79.0-113
Diisopropyl ether	5.00	4.93	98.6	5.00	5.00	100	1.41	30	71.8-115
ethylbenzene	5.00	4.91	98.2	5.00	5.05	101	2.81	30	80.5-115
hexachlorobutadiene	5.00	5.25	105	5.00	5.11	102	2.70	30	63.3-139
2-hexanone	25.0	25.2	101	25.0	27.8	111	9.74	30	46.8-123
Iodomethane	5.00	4.15	83.0	5.00	4.38	87.6	5.39	30	29.3-156
isopropylbenzene	5.00	5.03	101	5.00	5.14	103	2.16	30	81.6-114
4-isopropyltoluene	5.00	5.21	104	5.00	5.36	107	2.84	30	78.4-119
Methyl-tert-butyl ether	5.00	4.84	96.8	5.00	5.08	102	4.84	30	76.0-114
methylene chloride	5.00	4.47	89.4	5.00	4.58	91.6	2.43	30	72.9-120
4-methyl-2-pentanone	25.0	26.2	105	25.0	27.8	111	5.77	30	56.2-124
naphthalene	5.00	5.60	112	5.00	5.67	113	1.24	30	24.8-182
n-propyl benzene	5.00	5.11	102	5.00	5.18	104	1.36	30	79.0-116
styrene	5.00	5.06	101	5.00	5.14	103	1.57	30	64.8-132
1,1,1,2-tetrachloroethane	5.00	4.69	93.8	5.00	4.86	97.2	3.56	30	78.8-118
1,1,2,2-tetrachloroethane	5.00	5.36	107	5.00	5.47	109	2.03	30	69.7-119
tetrachloroethene	5.00	4.50	90.0	5.00	4.61	92.2	2.41	30	55.3-144
toluene	5.00	4.57	91.4	5.00	4.78	95.6	4.49	30	78.6-117
1,2,3-trichlorobenzene	5.00	5.35	107	5.00	5.34	107	0.187	30	20.8-193
1,2,4-trichlorobenzene	5.00	5.52	110	5.00	5.50	110	0.363	30	47.9-150
1,1,1-trichloroethane	5.00	4.75	95.0	5.00	4.92	98.4	3.52	30	78.8-120
1,1,2-trichloroethane	5.00	4.92	98.4	5.00	5.07	101	3.00	30	73.6-117
trichloroethene	5.00	4.40	88.0	5.00	4.65	93.0	5.52	30	80.1-116
trichlorofluoromethane	5.00	5.42	108	5.00	5.34	107	1.49	30	80.5-130
1,2,3-trichloropropane	5.00	5.01	100	5.00	5.14	103	2.56	30	35.6-152
1,2,4-trimethylbenzene	5.00	5.31	106	5.00	5.44	109	2.42	30	77.0-116
1,3,5-trimethylbenzene	5.00	5.16	103	5.00	5.23	105	1.35	30	79.4-114
Vinyl acetate	12.5	14.4	115	12.5	15.2	122	5.94	30	60.7-127
vinyl chloride	5.00	5.57	111	5.00	5.73	114	2.83	30	77.5-126
m/p-xylene	10.0	9.59	95.9	10.0	9.75	97.5	1.65	30	82.9-112
o-xylene	5.00	4.93	98.6	5.00	5.00	100	1.41	30	81.3-113

System Monitoring Compound Results

		LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	30	30.59	102	30	30.14	100	84.7-115
17060-07-0	1,2-Dichloroethane-d4	30	29.67	98.9	30	30.44	101	63.5-140
2037-26-5	Toluene-d8	30	29.74	99.1	30	29.95	99.8	81.8-117

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS Spike Recovery: 0 failure(s) out of 72. LCSD Spike Recovery: 0 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS: _____

Analyst: _____ Reviewed by: _____

SGS Environmental Services

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental Lab Code: NC00919 Inst: MSD4

	EPA Sample No.:	Amt.	Filenames:	Analysis Dates:	Batch: 4080910
Sample	g563-360-7a	5 mL	0809427.D	2010-08-09 19:12:00	Dilution: 2000
MS	g563-360-7a	5 mL	0809428.D	2010-08-09 19:36:00	Matrix: Water
MSD	g563-360-7a	5 mL	0809429.D	2010-08-09 20:01:00	

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	BQL	50000	26800	53.5	50000	25600	51.3	4.27	30	17.7-85.2
acrolein	BQL	250000	268000	107	250000	290000	116	7.71	30	0.00-424
acrylonitrile	BQL	250000	261000	104	250000	282000	113	8.00	30	85.0-175
benzene	BQL	10000	9660	96.6	10000	9120	91.2	5.75	30	61.6-135
bromobenzene	BQL	10000	9720	97.2	10000	9340	93.4	3.99	30	65.1-125
bromochloromethane	BQL	10000	9980	99.8	10000	9500	95.0	4.93	30	75.5-126
bromodichloromethane	BQL	10000	9840	98.4	10000	9520	95.2	3.30	30	74.3-123
bromoform	BQL	10000	10200	103	10000	10100	101	1.18	30	52.3-122
bromomethane	BQL	10000	10100	101	10000	10700	107	5.19	30	10.0-284
2-butanone	BQL	50000	36100	72.2	50000	34700	69.4	3.90	30	36.1-107
n-butylbenzene	BQL	10000	10500	105	10000	9880	98.8	5.70	30	70.2-124
sec-butylbenzene	BQL	10000	10500	105	10000	10000	100	4.68	30	62.0-133
tert-butylbenzene	BQL	10000	10100	101	10000	9660	96.6	4.65	30	73.5-121
Carbon disulfide	BQL	10000	7500	75.0	10000	7240	72.4	3.53	30	68.8-129
carbon tetrachloride	BQL	10000	9340	93.4	10000	8920	89.2	4.60	30	71.8-122
chlorobenzene	BQL	10000	9640	96.4	10000	9340	93.4	3.16	30	77.2-118
chloroethane	BQL	10000	11300	113	10000	10900	109	3.43	30	10.0-233
2-chloroethyl vinyl ether	BQL	250000	208000	83.4	250000	222000	88.6	6.07	30	16.7-283
chloroform	BQL	10000	10200	102	10000	9600	96.0	6.06	30	74.0-128
chloromethane	BQL	10000	9900	99.0	10000	10600	106	6.64	30	72.0-138
2-chlorotoluene	BQL	10000	9820	98.2	10000	9280	92.8	5.65	30	79.3-118
4-chlorotoluene	BQL	10000	10500	105	10000	9760	97.6	7.11	30	76.8-120
dibromochloromethane	BQL	10000	9920	99.2	10000	9700	97.0	2.24	30	69.0-117
1,2-dibromo-3-chloropropane	BQL	60000	66500	111	60000	63800	106	4.14	30	20.2-171
1,2-dibromoethane	BQL	10000	10100	101	10000	9260	92.6	8.68	30	78.5-123
dibromomethane	BQL	10000	10200	102	10000	9680	96.8	5.43	30	71.3-137
1,2-dichlorobenzene	BQL	10000	10400	104	10000	10000	100	3.34	30	75.1-120
1,3-dichlorobenzene	BQL	10000	10100	101	10000	9680	96.8	3.85	30	73.1-121
1,4-dichlorobenzene	BQL	10000	10100	101	10000	9780	97.8	3.61	30	74.8-118
trans-1,4-Dichloro-2-butene	BQL	50000	54800	110	50000	51700	103	5.82	30	25.7-149
dichlorodifluoromethane	BQL	10000	8700	87.0	10000	9260	92.6	6.24	30	41.7-166
1,1-dichloroethane	BQL	10000	10600	106	10000	9900	99.0	6.45	30	75.6-128
1,2-dichloroethane	BQL	10000	10200	102	10000	9660	96.6	5.83	30	71.1-127
1,1-dichloroethene	BQL	10000	8860	88.6	10000	8520	85.2	3.91	30	64.4-130
cis-1,2-dichloroethene	BQL	10000	9860	98.6	10000	9460	94.6	4.14	30	72.7-134
trans-1,2-dichloroethene	BQL	10000	9680	96.8	10000	9140	91.4	5.74	30	74.6-124
1,2-dichloropropane	BQL	10000	9520	95.2	10000	9100	91.0	4.51	30	76.5-129
1,3-dichloropropane	BQL	10000	10100	101	10000	9720	97.2	3.64	30	79.1-121
2,2-dichloropropane	BQL	10000	9200	92.0	10000	8600	86.0	6.74	30	31.5-157
1,1-dichloropropene	BQL	10000	9100	91.0	10000	8680	86.8	4.72	30	72.5-120
cis-1,3-dichloropropene	BQL	10000	9420	94.2	10000	9240	92.4	1.93	30	66.6-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

SGS Environmental Services

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Inst: MSD4

Lab Code: NC00919 — Batch: 4080910

EPA Sample No.: g563-360-7a, g563-360-7a, g563-360-7a — Dilution: 2000

Filenames: 0809427.D, 0809428.D, 0809429.D — Matrix: Water

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	BQL	10000	10400	104	10000	10000	100	3.33	30	44.7-144
Diisopropyl ether	BQL	10000	10300	103	10000	9820	98.2	4.77	30	79.4-122
ethylbenzene	BQL	10000	9940	99.4	10000	9540	95.4	4.11	30	73.8-126
hexachlorobutadiene	BQL	10000	9920	99.2	10000	9860	98.6	0.607	30	51.8-134
2-hexanone	BQL	50000	40500	81.0	50000	39300	78.6	3.11	30	41.6-111
Iodomethane	BQL	10000	9080	90.8	10000	8580	85.8	5.66	30	40.6-126
isopropylbenzene	BQL	10000	9880	98.8	10000	9500	95.0	3.92	30	74.3-123
4-isopropyltoluene	BQL	10000	10300	103	10000	9940	99.4	3.75	30	74.6-122
Methyl-tert-butyl ether	BQL	10000	9920	99.2	10000	9500	95.0	4.32	30	66.5-136
methylene chloride	BQL	10000	10100	101	10000	9800	98.0	2.82	30	48.6-155
4-methyl-2-pentanone	BQL	50000	55000	110	50000	52800	106	4.12	30	6.88-166
naphthalene	BQL	10000	9720	97.2	10000	9580	95.8	1.45	30	55.1-140
n-propyl benzene	BQL	10000	10200	102	10000	9640	96.4	5.25	30	71.6-128
styrene	BQL	10000	10100	101	10000	9640	96.4	4.26	30	73.2-123
1,1,1,2-tetrachloroethane	BQL	10000	9580	95.8	10000	8920	89.2	7.14	30	69.4-120
1,1,2,2-tetrachloroethane	BQL	10000	11400	114	10000	10800	108	5.40	30	75.7-136
tetrachloroethene	32300	10000	44100	117	10000	43500	112	4.54	30	45.8-153
toluene	BQL	10000	9500	95.0	10000	9240	92.4	2.77	30	66.4-128
1,2,3-trichlorobenzene	BQL	10000	10600	106	10000	10000	100	5.81	30	61.0-126
1,2,4-trichlorobenzene	BQL	10000	9920	99.2	10000	9960	99.6	0.402	30	60.6-125
1,1,1-trichloroethane	BQL	10000	9380	93.8	10000	9120	91.2	2.81	30	78.4-121
1,1,2-trichloroethane	BQL	10000	10400	104	10000	10000	100	4.11	30	64.8-128
trichloroethene	BQL	10000	9740	97.4	10000	9020	90.2	7.68	30	84.9-136
trichlorofluoromethane	BQL	10000	10000	100	10000	10600	106	5.05	30	76.8-132
1,2,3-trichloropropane	BQL	10000	10800	108	10000	10200	102	4.95	30	10.0-218
1,2,4-trimethylbenzene	BQL	10000	10900	108	10000	10200	102	6.07	30	31.0-172
1,3,5-trimethylbenzene	BQL	10000	10500	105	10000	9980	99.8	4.89	30	67.7-132
Vinyl acetate	BQL	25000	29200	117	25000	28300	113	2.99	30	0.00-355
vinyl chloride	BQL	10000	9620	96.2	10000	10100	101	4.87	30	68.1-137
m/p-xylene	BQL	20000	19000	95.2	20000	18300	91.5	3.96	30	79.8-118
o-xylene	BQL	10000	9720	97.2	10000	9180	91.8	5.71	30	80.0-121

System Monitoring Compound Results

		MS SPIKE (µg/kg)	MS CONC (µg/kg)	MS % REC #	MSD SPIKE (µg/kg)	MSD CONC (µg/kg)	MSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	30	30.22	101	30	30.99	103	84.7-115
17060-07-0	1,2-Dichloroethane-d4	30	30.85	103	30	30.57	102	63.5-140
2037-26-5	Toluene-d8	30	30.38	101	30	30.38	101	81.8-117

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MS Spike Recovery: 0 failure(s) out of 72. MSD Spike Recovery: 0 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS: _____

Analyst: DVO

Reviewed by: _____

Results for Volatiles
by GCMS 8260

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK4081010B
Lab Project ID:

Analyzed By: DVO
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	25.0	1	8/10/2010
Benzene	BQL	1.00	1	8/10/2010
Bromobenzene	BQL	1.00	1	8/10/2010
Bromochloromethane	BQL	1.00	1	8/10/2010
Bromodichloromethane	BQL	1.00	1	8/10/2010
Bromoform	BQL	1.00	1	8/10/2010
Bromomethane	BQL	1.00	1	8/10/2010
2-Butanone	BQL	25.0	1	8/10/2010
n-Butylbenzene	BQL	1.00	1	8/10/2010
sec-Butylbenzene	BQL	1.00	1	8/10/2010
tert-Butylbenzene	BQL	1.00	1	8/10/2010
Carbon disulfide	BQL	1.00	1	8/10/2010
Carbon tetrachloride	BQL	1.00	1	8/10/2010
Chlorobenzene	BQL	1.00	1	8/10/2010
Chloroethane	BQL	1.00	1	8/10/2010
Chloroform	BQL	1.00	1	8/10/2010
Chloromethane	BQL	1.00	1	8/10/2010
2-Chlorotoluene	BQL	1.00	1	8/10/2010
4-Chlorotoluene	BQL	1.00	1	8/10/2010
Dibromochloromethane	BQL	1.00	1	8/10/2010
1,2-Dibromo-3-chloropropane	BQL	5.00	1	8/10/2010
Dibromomethane	BQL	1.00	1	8/10/2010
1,2-Dibromoethane (EDB)	BQL	1.00	1	8/10/2010
1,2-Dichlorobenzene	BQL	1.00	1	8/10/2010
1,3-Dichlorobenzene	BQL	1.00	1	8/10/2010
1,4-Dichlorobenzene	BQL	1.00	1	8/10/2010
trans-1,4-Dichloro-2-butene	BQL	5.00	1	8/10/2010
1,1-Dichloroethane	BQL	1.00	1	8/10/2010
1,1-Dichloroethene	BQL	1.00	1	8/10/2010
1,2-Dichloroethane	BQL	1.00	1	8/10/2010
cis-1,2-Dichloroethene	BQL	1.00	1	8/10/2010
trans-1,2-dichloroethene	BQL	1.00	1	8/10/2010
1,2-Dichloropropane	BQL	1.00	1	8/10/2010
1,3-Dichloropropane	BQL	1.00	1	8/10/2010
2,2-Dichloropropane	BQL	1.00	1	8/10/2010
1,1-Dichloropropene	BQL	1.00	1	8/10/2010
cis-1,3-Dichloropropene	BQL	1.00	1	8/10/2010
trans-1,3-Dichloropropene	BQL	1.00	1	8/10/2010
Dichlorodifluoromethane	BQL	5.00	1	8/10/2010
Diisopropyl ether (DIPE)	BQL	1.00	1	8/10/2010
Ethylbenzene	BQL	1.00	1	8/10/2010
Hexachlorobutadiene	BQL	1.00	1	8/10/2010
2-Hexanone	BQL	5.00	1	8/10/2010
Iodomethane	BQL	1.00	1	8/10/2010
Isopropylbenzene	BQL	1.00	1	8/10/2010

Results for Volatiles
by GCMS 8260

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK4081010B
Lab Project ID:

Analyzed By: DVO
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
4-Isopropyltoluene	BQL	1.00	1	8/10/2010
Methylene chloride	BQL	5.00	1	8/10/2010
4-Methyl-2-pentanone	BQL	5.00	1	8/10/2010
Methyl-tert-butyl ether (MTBE)	BQL	1.00	1	8/10/2010
Naphthalene	BQL	1.00	1	8/10/2010
n-Propyl benzene	BQL	1.00	1	8/10/2010
Styrene	BQL	1.00	1	8/10/2010
1,1,1,2-Tetrachloroethane	BQL	1.00	1	8/10/2010
1,1,2,2-Tetrachloroethane	BQL	1.00	1	8/10/2010
Tetrachloroethene	BQL	1.00	1	8/10/2010
Toluene	BQL	1.00	1	8/10/2010
1,2,3-Trichlorobenzene	BQL	1.00	1	8/10/2010
1,2,4-Trichlorobenzene	BQL	1.00	1	8/10/2010
Trichloroethene	BQL	1.00	1	8/10/2010
1,1,1-Trichloroethane	BQL	1.00	1	8/10/2010
1,1,2-Trichloroethane	BQL	1.00	1	8/10/2010
Trichlorofluoromethane	BQL	1.00	1	8/10/2010
1,2,3-Trichloropropane	BQL	1.00	1	8/10/2010
1,2,4-Trimethylbenzene	BQL	1.00	1	8/10/2010
1,3,5-Trimethylbenzene	BQL	1.00	1	8/10/2010
Vinyl chloride	BQL	1.00	1	8/10/2010
m-,p-Xylene	BQL	2.00	1	8/10/2010
o-Xylene	BQL	1.00	1	8/10/2010

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	31.1	104
Toluene-d8	30	29.8	99
4-Bromofluorobenzene	30	29.6	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: JWS

Reviewed By: CM

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 1

Lab Code: NC00919 — Matrix: Water

LCS: LCS4081010A — Filename: 0810403.D — Date Analyzed: 08/10/10 09:28

LCSD: LCS4081010B — Filename: 0810404.D — Date Analyzed: 08/10/10 09:52

COMPOUND	LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	25.0	27.8	111	25.0	26.8	107	3.84	30	23.5-141
acrolein	125	149	119	125	148	118	0.674	30	31.4-182
acrylonitrile	125	149	119	125	152	122	1.79	30	64.2-140
benzene	5.00	4.79	95.8	5.00	4.61	92.2	3.83	30	76.6-120
bromobenzene	5.00	4.71	94.2	5.00	4.61	92.2	2.14	30	75.0-122
bromochloromethane	5.00	5.02	100	5.00	4.81	96.2	4.27	30	74.8-127
bromodichloromethane	5.00	4.93	98.6	5.00	4.73	94.6	4.14	30	76.4-117
bromoform	5.00	5.07	101	5.00	4.76	95.2	6.31	30	62.4-127
bromomethane	5.00	5.47	109	5.00	5.59	112	2.17	30	34.2-166
2-butanone	25.0	27.3	109	25.0	27.2	109	0.587	30	44.9-126
n-butylbenzene	5.00	5.19	104	5.00	4.94	98.8	4.94	30	72.0-122
sec-butylbenzene	5.00	5.07	101	5.00	4.86	97.2	4.23	30	78.3-116
tert-butylbenzene	5.00	4.91	98.2	5.00	4.68	93.6	4.80	30	53.1-148
Carbon disulfide	5.00	3.86	77.2	5.00	3.70	74.0	4.23	30	69.0-118
carbon tetrachloride	5.00	4.59	91.8	5.00	4.50	90.0	1.98	30	71.7-124
chlorobenzene	5.00	4.63	92.6	5.00	4.48	89.6	3.29	30	75.5-116
chloroethane	5.00	5.32	106	5.00	5.56	111	4.41	30	78.2-138
2-chloroethyl vinyl ether	125	116	92.6	125	118	94.5	1.98	30	5.57-235
chloroform	5.00	5.01	100	5.00	4.84	96.8	3.45	30	80.6-117
chloromethane	5.00	5.23	105	5.00	5.25	105	0.382	30	72.6-127
2-chlorotoluene	5.00	4.77	95.4	5.00	4.50	90.0	5.82	30	81.4-117
4-chlorotoluene	5.00	5.02	100	5.00	4.78	95.6	4.90	30	82.1-116
dibromochloromethane	5.00	4.79	95.8	5.00	4.65	93.0	2.97	30	73.1-117
1,2-dibromo-3-chloropropane	30.0	33.5	112	30.0	31.9	106	4.86	30	58.0-133
1,2-dibromoethane	5.00	4.84	96.8	5.00	4.71	94.2	2.72	30	75.5-118
dibromomethane	5.00	5.29	106	5.00	5.00	100	5.64	30	77.3-124
1,2-dichlorobenzene	5.00	5.08	102	5.00	4.85	97.0	4.63	30	76.3-115
1,3-dichlorobenzene	5.00	4.84	96.8	5.00	4.67	93.4	3.58	30	79.1-114
1,4-dichlorobenzene	5.00	4.90	98.0	5.00	4.74	94.8	3.32	30	76.8-115
trans-1,4-Dichloro-2-butene	25.0	28.9	116	25.0	28.8	115	0.381	30	52.3-130
dichlorodifluoromethane	5.00	4.31	86.2	5.00	4.19	83.8	2.82	30	69.8-134
1,1-dichloroethane	5.00	5.15	103	5.00	4.90	98.0	4.98	30	78.0-120
1,2-dichloroethane	5.00	5.15	103	5.00	4.93	98.6	4.36	30	72.8-126
1,1-dichloroethene	5.00	4.65	93.0	5.00	4.32	86.4	7.36	30	74.6-121
cis-1,2-dichloroethene	5.00	4.90	98.0	5.00	4.66	93.2	5.02	30	78.0-121
trans-1,2-dichloroethene	5.00	4.86	97.2	5.00	4.67	93.4	3.99	30	60.7-144
1,2-dichloropropane	5.00	4.89	97.8	5.00	4.72	94.4	3.54	30	75.8-119
1,3-dichloropropane	5.00	4.84	96.8	5.00	4.75	95.0	1.88	30	78.5-113
2,2-dichloropropane	5.00	5.34	107	5.00	5.05	101	5.58	30	75.6-130
1,1-dichloropropene	5.00	4.63	92.6	5.00	4.50	90.0	2.85	30	79.7-117
cis-1,3-dichloropropene	5.00	4.81	96.2	5.00	4.71	94.2	2.10	30	79.8-113

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 1

Lab Code: NC00919 — Matrix: Water

LCS: LCS4081010A — Filename: 0810403.D — Date Analyzed: 08/10/10 09:28

LCSD: LCS4081010B — Filename: 0810404.D — Date Analyzed: 08/10/10 09:52

COMPOUND	LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	5.00	5.31	106	5.00	5.21	104	1.90	30	79.0-113
Diisopropyl ether	5.00	5.20	104	5.00	4.99	99.8	4.12	30	71.8-115
ethylbenzene	5.00	4.66	93.2	5.00	4.43	88.6	5.06	30	80.5-115
hexachlorobutadiene	5.00	5.25	105	5.00	4.88	97.6	7.30	30	63.3-139
2-hexanone	25.0	27.4	110	25.0	26.8	107	2.33	30	46.8-123
Iodomethane	5.00	4.32	86.4	5.00	4.18	83.6	3.29	30	29.3-156
isopropylbenzene	5.00	4.70	94.0	5.00	4.51	90.2	4.12	30	81.6-114
4-isopropyltoluene	5.00	4.97	99.4	5.00	4.69	93.8	5.80	30	78.4-119
Methyl-tert-butyl ether	5.00	5.09	102	5.00	4.90	98.0	3.80	30	76.0-114
methylene chloride	5.00	5.10	102	5.00	4.75	95.0	7.11	30	72.9-120
4-methyl-2-pentanone	25.0	29.7	119	25.0	28.4	114	4.34	30	56.2-124
naphthalene	5.00	5.08	102	5.00	4.82	96.4	5.25	30	24.8-182
n-propyl benzene	5.00	5.01	100	5.00	4.71	94.2	6.17	30	79.0-116
styrene	5.00	4.86	97.2	5.00	4.63	92.6	4.85	30	64.8-132
1,1,1,2-tetrachloroethane	5.00	4.53	90.6	5.00	4.44	88.8	2.01	30	78.8-118
1,1,2,2-tetrachloroethane	5.00	5.66	113	5.00	5.48	110	3.23	30	69.7-119
tetrachloroethene	5.00	4.42	88.4	5.00	4.18	83.6	5.58	30	55.3-144
toluene	5.00	4.90	98.0	5.00	4.69	93.8	4.38	30	78.6-117
1,2,3-trichlorobenzene	5.00	5.26	105	5.00	4.98	99.6	5.47	30	20.8-193
1,2,4-trichlorobenzene	5.00	5.10	102	5.00	4.89	97.8	4.20	30	47.9-150
1,1,1-trichloroethane	5.00	4.67	93.4	5.00	4.64	92.8	0.644	30	78.8-120
1,1,2-trichloroethane	5.00	5.05	101	5.00	4.88	97.6	3.42	30	73.6-117
trichloroethene	5.00	4.68	93.6	5.00	4.49	89.8	4.14	30	80.1-116
trichlorofluoromethane	5.00	5.61	112	5.00	5.56	111	0.895	30	80.5-130
1,2,3-trichloropropane	5.00	5.36	107	5.00	5.02	100	6.55	30	35.6-152
1,2,4-trimethylbenzene	5.00	5.25	105	5.00	4.92	98.4	6.49	30	77.0-116
1,3,5-trimethylbenzene	5.00	5.03	101	5.00	4.77	95.4	5.31	30	79.4-114
Vinyl acetate	12.5	14.7	118	12.5	14.0	112	4.80	30	60.7-127
vinyl chloride	5.00	5.11	102	5.00	5.19	104	1.55	30	77.5-126
m/p-xylene	10.0	9.20	92.0	10.0	8.76	87.6	4.90	30	82.9-112
o-xylene	5.00	4.70	94.0	5.00	4.44	88.8	5.69	30	81.3-113
			✓			✓	✓		

System Monitoring Compound Results

		LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	30	30.89	103	30	30.9	103	84.7-115
17060-07-0	1,2-Dichloroethane-d4	30	30.16	100	30	30.45	102	63.5-140
2037-26-5	Toluene-d8	30	30.63	102	30	30.41	101	81.8-117

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS Spike Recovery: 0 failure(s) out of 72. LCSD Spike Recovery: 0 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS: _____

Analyst: DVO

Reviewed by: MD

SGS Environmental Services

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental Lab Code: NC00919 Inst: MSD4

	EPA Sample No.:	Amt.	Filenames:	Analysis Dates:	Batch: 4081010
Sample	g375-136-3a	5 mL	0810422.D	2010-08-10 17:19:00	Dilution: 80
MS	g375-136-3a	5 mL	0810428.D	2010-08-10 19:48:00	Matrix: Water
MSD	g375-136-3a	5 mL	0810429.D	2010-08-10 20:12:00	

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	BQL	2000	1060	53.0	2000	1110	55.3	4.28	30	17.7-85.2
acrolein	BQL	10000	11800	118	10000	12400	124	4.95	30	0.00-424
acrylonitrile	BQL	10000	12000	120	10000	12600	126	4.90	30	85.0-175
benzene	BQL	400	394	98.6	400	406	102	3.00	30	61.6-135
bromobenzene	BQL	400	382	95.6	400	394	98.4	2.89	30	65.1-125
bromochloromethane	BQL	400	396	99.0	400	408	102	2.98	30	75.5-126
bromodichloromethane	BQL	400	383	95.8	400	409	102	6.46	30	74.3-123
bromoform	BQL	400	395	98.8	400	412	103	4.16	30	52.3-122
bromomethane	BQL	400	373	93.2	400	419	105	11.7	30	10.0-284
2-butanone	BQL	2000	1630	81.4	2000	1620	80.8	0.789	30	36.1-107
n-butylbenzene	BQL	400	422	105	400	429	107	1.69	30	70.2-124
sec-butylbenzene	BQL	400	395	98.8	400	406	101	2.60	30	62.0-133
tert-butylbenzene	BQL	400	391	97.8	400	398	99.4	1.62	30	73.5-121
Carbon disulfide	BQL	400	312	78.0	400	322	80.4	3.03	30	68.8-129
carbon tetrachloride	BQL	400	366	91.6	400	385	96.2	4.90	30	71.8-122
chlorobenzene	BQL	400	378	94.6	400	388	97.0	2.50	30	77.2-118
chloroethane	BQL	400	412	103	400	446	112	8.01	30	10.0-233
2-chloroethyl vinyl ether	BQL	10000	3140	31.4	10000	3040	30.4	3.16	30	16.7-283
chloroform	BQL	400	396	99.0	400	410	102	3.38	30	74.0-128
chloromethane	BQL	400	389	97.2	400	417	104	6.95	30	72.0-138
2-chlorotoluene	BQL	400	380	95.0	400	392	98.0	3.11	30	79.3-118
4-chlorotoluene	BQL	400	394	98.4	400	398	99.4	1.01	30	76.8-120
dibromochloromethane	BQL	400	378	94.4	400	402	101	6.36	30	69.0-117
1,2-dibromo-3-chloropropane	BQL	2400	2780	116	2400	2780	116	0.288	30	20.2-171
1,2-dibromoethane	BQL	400	400	100	400	402	100	0.399	30	78.5-123
dibromomethane	BQL	400	412	103	400	428	107	3.81	30	71.3-137
1,2-dichlorobenzene	BQL	400	398	99.4	400	405	101	1.79	30	75.1-120
1,3-dichlorobenzene	BQL	400	380	95.0	400	389	97.2	2.29	30	73.1-121
1,4-dichlorobenzene	BQL	400	390	97.4	400	396	99.0	1.63	30	74.8-118
trans-1,4-Dichloro-2-butene	BQL	2000	2100	105	2000	2080	104	0.726	30	25.7-149
dichlorodifluoromethane	BQL	400	317	79.2	400	337	84.2	6.12	30	41.7-166
1,1-dichloroethane	BQL	400	398	99.6	400	421	105	5.47	30	75.6-128
1,2-dichloroethane	BQL	400	403	101	400	419	105	3.89	30	71.1-127
1,1-dichloroethene	BQL	400	388	90.6	400	399	93.4	3.04	30	64.4-130
cis-1,2-dichloroethene	BQL	400	412	103	400	419	105	1.73	30	72.7-134
trans-1,2-dichloroethene	BQL	400	386	96.6	400	398	99.6	3.06	30	74.6-124
1,2-dichloropropane	BQL	400	391	97.8	400	408	102	4.20	30	76.5-129
1,3-dichloropropane	BQL	400	389	97.2	400	402	100	3.24	30	79.1-121
2,2-dichloropropane	BQL	400	391	97.8	400	393	98.2	0.408	30	31.5-157
1,1-dichloropropene	BQL	400	394	98.6	400	400	100	1.41	30	72.5-120
cis-1,3-dichloropropene	BQL	400	362	90.4	400	366	91.6	1.32	30	66.6-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

SGS Environmental Services

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Inst: MSD4

Lab Code: NC00919 — Batch: 4081010

EPA Sample No.: g375-136-3a, g375-136-3a, g375-136-3a — Dilution: 80

Filenames: 0810422.D, 0810428.D, 0810429.D — Matrix: Water

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	BQL	400	426	106	400	437	109	2.41	30	44.7-144
Diisopropyl ether	BQL	400	420	105	400	432	108	2.82	30	79.4-122
ethylbenzene	BQL	400	366	91.4	400	381	95.2	4.07	30	73.8-126
hexachlorobutadiene	BQL	400	400	100	400	421	105	5.07	30	51.8-134
2-hexanone	BQL	2000	1700	84.8	2000	1660	83.2	1.86	30	41.6-111
Iodomethane	BQL	400	337	84.2	400	358	89.6	6.21	30	40.6-126
isopropylbenzene	BQL	400	379	94.8	400	390	97.6	2.91	30	74.3-123
4-isopropyltoluene	BQL	400	398	99.6	400	405	101	1.59	30	74.6-122
Methyl-tert-butyl ether	BQL	400	434	108	400	439	110	1.28	30	66.5-136
methylene chloride	BQL	400	402	100	400	417	104	3.71	30	48.6-155
4-methyl-2-pentanone	BQL	2000	2390	119	2000	2370	118	0.874	30	6.88-166
naphthalene	BQL	400	510	128	400	495	124	3.02	30	55.1-140
n-propyl benzene	BQL	400	384	96.0	400	397	99.2	3.28	30	71.6-128
styrene	BQL	400	385	96.2	400	396	99.0	2.87	30	73.2-123
1,1,1,2-tetrachloroethane	BQL	400	367	91.8	400	378	94.4	2.79	30	69.4-120
1,1,2,2-tetrachloroethane	BQL	400	444	111	400	448	112	0.897	30	75.7-136
tetrachloroethene	1630	400	2010	94.2	400	2070	111	16.2	30	45.8-153
toluene	BQL	400	388	97.0	400	400	100	3.04	30	66.4-128
1,2,3-trichlorobenzene	BQL	400	424	106	400	442	111	4.25	30	61.0-126
1,2,4-trichlorobenzene	BQL	400	443	111	400	455	114	2.67	30	60.6-125
1,1,1-trichloroethane	BQL	400	401	95.8	400	414	99.0	3.28	30	78.4-121
1,1,2-trichloroethane	BQL	400	397	99.2	400	409	102	2.98	30	64.8-128
trichloroethene	BQL	400	380	95.0	400	390	97.6	2.70	30	84.9-136
trichlorofluoromethane	BQL	400	413	103	400	448	112	8.18	30	76.8-132
1,2,3-trichloropropane	BQL	400	411	103	400	430	107	4.38	30	10.0-218
1,2,4-trimethylbenzene	BQL	400	440	110	400	433	108	1.65	30	31.0-172
1,3,5-trimethylbenzene	BQL	400	399	99.8	400	406	102	1.79	30	67.7-132
Vinyl acetate	BQL	1000	1320	132	1000	1270	127	3.46	30	0.00-355
vinyl chloride	BQL	400	408	102	400	442	111	8.09	30	68.1-137
m/p-xylene	BQL	800	738	92.2	800	748	93.5	1.40	30	79.8-118
o-xylene	BQL	400	382	95.4	400	398	99.4	4.11	30	80.0-121

System Monitoring Compound Results

		MS SPIKE (µg/kg)	MS CONC (µg/kg)	MS % REC #	MSD SPIKE (µg/kg)	MSD CONC (µg/kg)	MSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	30	30.98	103	30	31.09	104	84.7-115
17060-07-0	1,2-Dichloroethane-d4	30	29.98	99.9	30	30.07	100	63.5-140
2037-26-5	Toluene-d8	30	30.26	101	30	30.11	100	81.8-117

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MS Spike Recovery: 0 failure(s) out of 72. MSD Spike Recovery: 0 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS: _____

Analyst: _____ Reviewed by: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: MW-1
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-1G
Lab Project ID: G375-136

Initial Volume: 936 mL

Analyzed By: DCS
Date Collected: 7/29/2010 10:35
Date Received: 7/30/2010
Date Extracted: 8/3/2010
Matrix: Water

Compound	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
1,4-Dioxane	BQL	0.534	1	8/4/2010

	Spike Added	Spike Result	Percent Recovered
Nitrobenzene-d5	10	0.04	0.4 #

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: MW-4
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-4G
Lab Project ID: G375-136

Initial Volume: 971 mL

Analyzed By: DCS
Date Collected: 7/28/2010 10:30
Date Received: 7/30/2010
Date Extracted: 8/3/2010
Matrix: Water

Compound	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
1,4-Dioxane	BQL	0.515	1	8/4/2010

	Spike Added	Spike Result	Percent Recovered
Nitrobenzene-d5	10	7	70

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: MW-6
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-6G
Lab Project ID: G375-136

Initial Volume: 913 mL

Analyzed By: DCS
Date Collected: 7/28/2010 15:20
Date Received: 7/30/2010
Date Extracted: 8/3/2010
Matrix: Water

Compound	Result ug/L	RL ug/L		Dilution Factor	Date Analyzed
1,4-Dioxane	BQL	0.548		1	8/4/2010
		Spike Added	**Spike Result**	**Percent Recovered**	
Nitrobenzene-d5		10	4.8	48	

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: MW-7
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-7G
Lab Project ID: G375-136

Initial Volume: 916 mL

Analyzed By: DCS
Date Collected: 7/28/2010 14:05
Date Received: 7/30/2010
Date Extracted: 8/3/2010
Matrix: Water

Compound	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
1,4-Dioxane	BQL	0.546	1	8/4/2010

	Spike Added	Spike Result	Percent Recovered
Nitrobenzene-d5	10	5.2	52

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: MW-11
Client Project ID: 6010 Eaton Selma
Lab Sample ID: G375-136-10G
Lab Project ID: G375-136

Initial Volume: 913 mL

Analyzed By: DCS
Date Collected: 7/29/2010 9:45
Date Received: 7/30/2010
Date Extracted: 8/3/2010
Matrix: Water

Compound	Result ug/L	RL ug/L		Dilution Factor	Date Analyzed
1,4-Dioxane	BQL	0.548		1	8/4/2010
		Spike Added	**Spike Result**	**Percent Recovered**	
Nitrobenzene-d5		10	4.1	41 #	

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

Results for Semivolatiles
by GCMS 8270

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB17143
Lab Project ID:

Initial Volume: 1000 mL

Analyzed By: DCS
Date Collected:
Date Received:
Date Extracted: 8/3/2010
Matrix: WATER

Compound	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
1,4-Dioxane	BQL	0.500	1	8/4/2010

	Spike Added	Spike Result	Percent Recovered
Nitrobenzene-d5	10	5.3	53

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: CA

SGS North America, Inc.

SGS Environmental Services, Inc.

LABORATORY CONTROL SAMPLE SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental Services, Inc.
Lab Code: NC00919 Case No.: SAS No.: SDG No:
Matrix: (soil/water) WATER
Lab Sample ID: LCS17143 DUP Sample ID: LCSD17143
Sample wt/vol: 1.0 (L)
Lab File ID: 0804707.D DUP File ID: 0804708.D
Level: (low/med) LOW
% Moisture: NA Decanted:(Y/N) NA
Date Analyzed: 08/04/10 1 DUP Date Analyzed: 08/04/10 14:18
Concentrated Extract Volume: 5000 (µL)
Dilution Factor: 1
Injection Volume: 1 (µL)
Extraction: (Type) CONT
GPC Cleanup: N

CAS NO.	COMPOUND	SPIKE AMT (µg/L)	LCS (µg/L)	LCS % REC	LCSD (µg/L)	LCSD % REC	% RPD	QC LIMITS
83-32-9	Acenaphthene	50.0	31.0	62.0*	32.5	65.0	4.72	64.4-100
208-96-8	Acenaphthylene	50.0	34.0	68.0	34.6	69.1	1.60	63.4-102
120-12-7	Anthracene	50.0	40.3	80.6	40.5	81.0	0.495	59.5-94.0
56-55-3	Benzo[a]anthracene	50.0	43.9	87.9	42.1	84.2	4.30	65.1-101
50-32-8	Benzo[a]pyrene	50.0	43.6	87.1	45.8	91.5	4.93	63.4-99.0
205-99-2	Benzo[b]fluoranthene	50.0	43.1	86.2	45.6	91.2	5.64	54.5-99.3
191-24-2	Benzo[g,h,i]perylene	50.0	47.0	94.0	48.9	97.9	4.06	68.3-116
207-08-9	Benzo[k]fluoranthene	50.0	46.0	91.9	48.6	97.3	5.71	66.8-114
65-85-0	Benzoic Acid	50.0	41.3	82.5	40.6	81.2	1.59	0.00-351
100-51-6	Benzyl Alcohol	50.0	55.4	111*	59.9	120*	7.72	63.0-106
111-91-1	Bis(2-chloroethoxy)methane	50.0	33.8	67.5*	36.0	72.1	6.59	70.0-114
111-44-4	Bis(2-chloroethyl)ether	50.0	41.8	83.6	46.8	93.7	11.4	59.7-112
108-60-1	Bis(2-chloroisopropyl)ether	50.0	37.4	74.7	40.8	81.7	8.95	47.7-120
117-81-7	Bis(2-ethylhexyl)phthalate	50.0	48.5	96.9	47.9	95.8	1.14	65.0-112
101-55-3	4-bromophenyl phenyl ether	50.0	39.6	79.2	40.2	80.4	1.50	64.3-102
85-68-7	Butylbenzylphthalate	50.0	44.8	89.5	42.2	84.4	5.87	63.9-111
106-47-8	4-Chloroaniline	50.0	34.4	68.7	40.8	81.5	17.0	53.8-91.5
59-50-7	4-Chloro-3-methylphenol	50.0	40.5	81.0	43.6	87.3	7.49	70.8-109
91-58-7	2-Chloronaphthalene	50.0	31.4	62.8	32.8	65.5	4.21	49.6-84.7
95-57-8	2-Chlorophenol	50.0	36.1	72.2	41.6	83.2	14.2	68.0-97.3
7005-72-3	4-Chlorophenyl phenyl ether	50.0	32.4	64.7	33.7	67.3	3.94	63.5-107
218-01-9	Chrysene	50.0	48.6	97.3	48.5	96.9	0.412	65.8-104
84-74-2	Di-n-Butylphthalate	50.0	44.6	89.2	41.7	83.5	6.60	64.8-112
117-84-0	Di-n-octylphthalate	50.0	44.1	88.3	47.2	94.3	6.57	67.5-117
53-70-3	Dibenzo[a,h]anthracene	50.0	47.1	94.2	50.5	101	6.87	66.6-111
132-64-9	Dibenzofuran	50.0	33.1	66.2	32.9	65.8	0.606	62.1-110
95-50-1	1,2-Dichlorobenzene	50.0	20.2	40.4	22.1	44.2	8.98	36.0-76.7
541-73-1	1,3-Dichlorobenzene	50.0	17.5	35.0	19.4	38.8	10.3	31.2-71.3
106-46-7	1,4-Dichlorobenzene	50.0	18.4	36.8	20.3	40.5	9.57	33.1-73.2
91-94-1	3,3'-Dichlorobenzidine	50.0	40.6	81.2	44.1	88.1	8.15	57.0-106
120-83-2	2,4-Dichlorophenol	50.0	40.1	80.2	42.6	85.3	6.16	70.9-106
84-66-2	Diethylphthalate	50.0	43.6	87.2	43.6	87.3	0.115	64.0-111
105-67-9	2,4-Dimethylphenol	50.0	36.3	72.6	40.3	80.5	10.3	43.7-98.0
131-11-3	Dimethylphthalate	50.0	41.4	82.8	42.2	84.4	1.91	66.6-110
534-52-1	4,6-Dinitro-2-methylphenol	50.0	46.0	91.9	46.5	92.9	1.08	52.2-108
51-28-5	2,4-Dinitrophenol	50.0	42.5	85.0	45.1	90.2	5.94	36.3-111
121-14-2	2,4-Dinitrotoluene	50.0	42.3	84.5	42.7	85.4	1.06	64.3-113
606-20-2	2,6-Dinitrotoluene	50.0	42.3	84.5	42.7	85.4	1.06	66.9-112
206-44-0	Fluoranthene	50.0	43.7	87.4	41.0	82.1	6.25	66.1-103
86-73-7	Fluorene	50.0	34.0	68.0	34.7	69.5	2.18	64.7-103
118-74-1	Hexachlorobenzene	50.0	42.1	84.2	42.1	84.2	0.00	58.5-111

SGS North America, Inc.

SGS Environmental Services, Inc.

LABORATORY CONTROL SAMPLE SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental Services, Inc.

Lab Code: NC00919 Case No.: SAS No.: SDG No:

Matrix: (soil/water) WATER Lab Sample ID: LCS17143

Sample wt/vol: 0.5 (L) Lab File ID: 0804707.D

Level: (low/med) LOW

% Moisture: NA Decanted:(Y/N) NA Date Analyzed: 08/04/10 13:56

Concentrated Extract Volume: 5000 (µL) Dilution Factor: 1

Injection Volume: 1 (µL) Extraction: (Type) CONT

GPC Cleanup: N

CAS NO.	COMPOUND	SPIKE AMT (µg/L)	LCS (µg/L)	LCS % REC #	LCSD (µg/L)	LCSD % REC #	% RPD #	QC LIMITS
87-68-3	Hexachlorobutadiene	50.0	13.6	27.2	13.4	26.7	1.86	18.1-91.1
77-47-4	Hexachlorocyclopentadiene	50.0	31.1	62.2	30.1	60.3	3.10	0.00-680
67-72-1	Hexachloroethane	50.0	13.0	26.0	13.9	27.8	6.69	19.0-65.1
193-39-5	Indeno(1,2,3-c,d)pyrene	50.0	45.7	91.3	49.3	98.7	7.79	69.4-110
78-59-1	Isophorone	50.0	38.7	77.3	42.0	84.1	8.43	64.3-110
90-12-0	1-Methylnaphthalene	50.0	24.4	48.8*	23.9	47.8*	2.07	58.5-95.5
91-57-6	2-Methylnaphthalene	50.0	24.6	49.1*	24.6	49.1*	0.00	57.5-106
95-48-7	2-Methylphenol	50.0	38.9	77.8	42.2	84.4	8.14	65.5-97.0
108-39-4	3-, 4-Methylphenol	100	73.9	73.9	79.3	79.3	7.05	68.4-100
621-64-7	N-Nitrosodi-n-propylamine	50.0	40.4	80.8	43.3	86.5	6.81	59.1-102
86-30-6	Diphenylamine	50.0	40.8	81.7	39.3	78.6	3.87	64.5-97.5
91-20-3	Naphthalene	50.0	27.8	55.5	29.1	58.2	4.75	52.8-97.3
88-74-4	2-Nitroaniline	50.0	37.7	75.4	39.2	78.4	3.90	54.4-94.7
99-09-2	3-Nitroaniline	50.0	40.4	80.8	42.3	84.5	4.48	59.3-92.9
100-01-6	4-Nitroaniline	50.0	47.0	94.0	46.9	93.9	0.106	68.6-101
98-95-3	Nitrobenzene	50.0	36.9	73.8	41.0	81.9	10.4	63.3-114
88-75-5	2-Nitrophenol	50.0	39.7	79.4	44.7	89.4	11.8	72.2-103
100-02-7	4-Nitrophenol	50.0	45.6	91.2	47.2	94.4	3.45	49.9-116
87-86-5	Pentachlorophenol	50.0	53.3	107	53.5	107	0.375	45.5-113
85-01-8	Phenanthrene	50.0	40.1	80.2	40.6	81.3	1.36	65.7-101
108-95-2	Phenol	50.0	36.5	72.9	40.4	80.8	10.3	64.7-102
129-00-0	Pyrene	50.0	44.5	88.9	41.4	82.9	6.98	68.5-102
110-86-1	Pyridine	50.0	0.00	0.00*	0.750	1.50*	200*	13.4-104
120-82-1	1,2,4-Trichlorobenzene	50.0	18.4	36.7	18.8	37.6	2.42	36.4-92.6
95-95-4	2,4,5-Trichlorophenol	50.0	42.7	85.4	41.9	83.8	1.89	71.2-105
88-06-2	2,4,6-Trichlorophenol	50.0	42.1	84.2	41.7	83.5	0.835	64.7-106

System Monitoring Compound Results

		Spike Added (µg/L)	LCS Result (µg/L)	LCS Rec. (%)	LCSD Result (µg/L)	LCSD Rec. (%)		Percent Recovery (%)
118-79-6	2,4,6-Tribromophenol	10	108.7	109	109.2	109		29.3-152
321-60-8	2-Fluorobiphenyl	10	78.5	78.5	81	81.0		61.0-112
367-12-4	2-Fluorophenol	10	71.1	71.1	85.8	85.8		33.1-118
1718-51-0	4-Terphenyl-d14	10	96.1	96.1	95.9	95.9		22.1-142
4165-60-0	Nitrobenzene-d5	10	80.9	80.9	89.9	89.9		46.0-118
13127-88-3	Phenol-d6	10	82.4	82.4	92.5	92.5		49.0-120

LCS Spike Recovery: 6 out of 67 outside of limits. LCSD Spike Recovery: 4 out of 67 outside of limits

RPD: 1 out of 67 outside of limits

Analyst: Cmp

SGS Environmental Services Inc.
CHAIN OF CUSTODY RECORD

Locations Nationwide
- Alaska
- New Jersey
- North Carolina
- West Virginia
- Maryland
- New York
- Ohio

www.us.sgs.com

(1)

CLIENT: Solutions IES

CONTACT: Jody Overmyer PHONE NO: 919-873-1060

PROJECT: 6010 Eaton Selma SITE/PWSID#:

REPORTS TO: Jody Overmyer EMAIL: jovermyer@solutions-ies.com

INVOICE TO: Emily Davis, 1101 Nowell Rd, Raleigh NC 27607 QUOTE #:

P.O. #:

SGS Reference #: G3T6-136

page 1 of 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX/ MATRIX CODE	# CONTAINERS	SAMPLE TYPE C= COMP G= GRAB MI= Multi Incremental Samples	VOC 8260	1,4 Dioxane 8270C								REMARKS/ LOC ID
	MW-1	7/29	1035	GW	5	Grab	X	X								
	MW-2	7/28	1610		3		X									
	MW-3	7/29	835		3		X									
	MW-4	7/28	1030		5		X	X								
	MW-5	7/29	1155		3		X									
	MW-6	7/28	1520		5		X	X								
	MW-7	7/28	1405		5		X	X								
	MW-8	7/28	1200		3		X									
	MW-9	7/28	1250		3		X									
	MW-11	7/29	0945		5		X	X								

Preservatives Used

Analysis Required (3)

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
[signature]	7/29	1350	[signature]
Relinquished By: (2) [signature]	Date 7/29/10	Time 1405	Received By: [signature] 7/29/10 14:05
Relinquished By: (3) [signature]	Date 7/30/10	Time 900	Received By: [signature]
Relinquished By: (4)	Date	Time	Received For Laboratory By:

(4)

DOD Project? YES NO

Cooler ID _____

Special Deliverable Requirements:

Requested Turnaround Time and-or Special Instructions:

Samples Received Cold? YES NO

Cooler TB

Temperature°C: 5.2°C

Chain of Custody Seal: (Circle)

INTACT BROKEN ABSENT

N.C. Certification #481

SGS North America, Inc.

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 550 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

http://www.sgs.com/terms and conditions.htm

White - Retained by Lab
Pink - Retained by Client

SGS Environmental Services Inc.
CHAIN OF CUSTODY RECORD

Locations Nationwide
- Alaska
- New Jersey
- North Carolina
- West Virginia
- Maryland
- New York
- Ohio

www.us.sgs.com

SGS Reference #: G375-136

page 2 of 2

(1)
CLIENT: Solutions IES
CONTACT: Jody overmyer PHONE NO: 919-873-1060
PROJECT: 6010 Eaton Selma SITE/PWSID#:
REPORTS TO: Jody overmyer EMAIL: jovermyer@solutions-ies.com
INVOICE TO: Emily Davis, 1101 Nowell Rd, Raleigh NC 27607 QUOTE #:
P.O. #:

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX/ MATRIX CODE	# CONTAINERS	SAMPLE TYPE C= COMP G= GRAB MI= Multi Incremental Samples	Analysis Required (3) VOC 8260									REMARKS/ LOC ID
						Preservatives Used										
✓	Trip Blank	7/28		W	2		X									
✓	FB	7/28	1245	GW	3		X									
✓	RB	7/29	915	↓	3		X									
	Dup-1	7/28	1610	↓	3		X									

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
[signature]	7/29	1350	[signature]
Relinquished By: (2) [signature]	Date 7/29/10	Time 1405	Received By: [signature] 7/29/10 1405
Relinquished By: (3) [signature]	Date 7/30/10	Time 900	Received By: [signature]
Relinquished By: (4)	Date	Time	Received For Laboratory By:

(4)
DOD Project? YES NO
Cooler ID _____
Special Deliverable Requirements:
Requested Turnaround Time and-or Special Instructions:
Samples Received Cold? (YES) NO
Cooler TB
Temperature°C: 5.2°C.
Chain of Custody Seal: (Circle)
INTACT BROKEN (ABSENT)

SGS North America, Inc.

N.C. Certification #481

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 550 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

http://www.sgs.com/terms and conditions.htm

White - Retained by Lab
Pink - Retained by Client

I4. FIELD EVENT #4 LABORATORY DATA

Laboratory Report of Analysis

To: Jessica Keener
Solutions-IES
1101 Nowell Rd
Raleigh, NC 27607

Report Number: **31101710**

Client Project: **6010**

Dear Jessica Keener,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. All results are intended to be used in their entirety and SGS is not responsible for use of less than the complete report. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or services performed during this project, please call Michael D. Page at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America Inc.

Digitally signed by Michael Page
DN: CN = Michael Page, C = US, OU = SGS Environmental
Date: 2011.07.15 13:55:44 -04'00'

Michael D. Page
Project Manager
michael.page@sgs.com

Date

Print Date: 07/15/2011

N.C. Certification # 481

Laboratory Qualifiers

Report Definitions

DL	Method, Instrument, or Estimated Detection Limit per Analytical Method
CL	Control Limits for the recovery result of a parameter
LOQ	Reporting Limit
DF	Dilution Factor
RPD	Relative Percent Difference
LCS(D)	Laboratory Control Spike (Duplicate)
MS(D)	Matrix Spike (Duplicate)
MB	Method Blank

Qualifier Definitions

*	Recovery or RPD outside of control limits
B	Analyte was detected in the Lab Method Blank at a level above the LOQ
U	Undetected (Reported as ND or < LOD)
V	Recovery is below quality control limit. The data has been validated based on a favorable signal-to-noise and detection limit
A	Amount detected is less than the Lower Method Calibration Limit
J	Amount detected is between the Method Detection Limit and the Lower Calibration Limit
O	The recovery of this analyte in the OPR is above the Method QC Limits and the reported concentration in the sample may be biased high
E	Amount detected is greater than the Upper Calibration Limit
S	The amount of analyte present has saturated the detector. This situation results in an underestimation of the affected analyte(s)
Q	Indicates the presence of a quantitative interference. This situation may result in an underestimation of the affected analyte(s)
I	Indicates the presence of a qualitative interference that could cause a false positive or an overestimation of the affected analyte(s)
DPE	Indicates the presence of a peak in the polychlorinated diphenylether channel that could cause a false positive or an overestimation of the affected analyte(s)
TIC	Tentatively Identified Compound
EMC	Estimated Maximum possible Concentration due to ion ratio failure
ND	Not Detected
K	Result is estimated due to ion ratio failure in High Resolution PCB Analysis
P	RPD > 40% between results of dual columns
D	Spike or surrogate was diluted out in order to achieve a parameter result within instrument calibration range
M1	Mis-identified peak
M2	Software did not integrate peak
M3	Incorrect baseline construction (i.e. not all of peak included; two peaks integrated as one)
M4	Pattern integration required (i.e. DRO, GRO, PCB, Toxaphene and Technical Chlordane)
M5	Other - Explained in case narrative

Note Results pages that include a value for "Solids (%)" have been adjusted for moisture content.

SGS North America Inc.
5500 Business Drive, Wilmington, NC 28405
t 910.350.1903 f 910.350.1557 www.us.sgs.com
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Sample Summary

Client Sample ID	Lab Sample ID	Collected	Received	Matrix
AMW-12S	31101710001	06/27/2011 10:50	06/30/2011 13:45	Water
AMW-11S	31101710002	06/27/2011 11:45	06/30/2011 13:45	Water
FB-1	31101710003	06/27/2011 12:10	06/30/2011 13:45	Water
RB-1	31101710004	06/27/2011 12:20	06/30/2011 13:45	Water
Dup-1	31101710005	06/27/2011 00:00	06/30/2011 13:45	Water
Trip Blank	31101710006	06/27/2011 00:00	06/30/2011 13:45	Water
MW-14	31101710007	06/27/2011 12:55	06/30/2011 13:45	Water
MW-15	31101710008	06/27/2011 13:45	06/30/2011 13:45	Water
MW-13	31101710009	06/27/2011 14:35	06/30/2011 13:45	Water
AMW-16S	31101710010	06/28/2011 09:20	06/30/2011 13:45	Water
APZ-01	31101710011	06/28/2011 10:15	06/30/2011 13:45	Water
AMW-17S	31101710012	06/28/2011 10:50	06/30/2011 13:45	Water
AMW-18S	31101710013	06/28/2011 11:50	06/30/2011 13:45	Water
IDW-Soil	31101710014	06/28/2011 12:10	06/30/2011 13:45	Soil-Solid as dr
IDW-Water	31101710015	06/28/2011 12:30	06/30/2011 13:45	Water
IDW-Soil (TCLP)	31101710016	06/28/2011 12:10	06/30/2011 15:58	Soil-Solid as dr

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Case Narrative

VMS1361 [VXX1741] LCS

8260B - The LCS associated with Batch VMS1361 has a reported recovery for 1,1,1,2-Tetrachloroethane that is above the QC limit. This compound meets the acceptance criteria in the LCSD.

VMS1361 [VXX1747] MB

8260B - The medium soil method blank associated with batch VMS1361 contains a reported concentration for Methylene Chloride that is below the LOQ. This has been 'J' flagged on the data.

SGS North America Inc.
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Results of **AMW-12S**

Client Sample ID: **AMW-12S**
Client Project ID: **6010**
Lab Sample ID: 31101710001-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 10:50
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1	07/7/2011 16:15
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	07/7/2011 16:15
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1	07/7/2011 16:15
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	07/7/2011 16:15
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1	07/7/2011 16:15
1,1-Dichloroethene	ND	U	0.212	1.00	ug/L	1	07/7/2011 16:15
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1	07/7/2011 16:15
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 16:15
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	07/7/2011 16:15
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1	07/7/2011 16:15
1,2,4-Trimethylbenzene	**0.650**	J	0.0961	1.00	ug/L	1	07/7/2011 16:15
1,2-Dibromo-3-chloropropane	**2.25**	J	0.748	5.00	ug/L	1	07/7/2011 16:15
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	07/7/2011 16:15
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1	07/7/2011 16:15
1,2-Dichloroethane	**0.510**	J	0.167	1.00	ug/L	1	07/7/2011 16:15
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	07/7/2011 16:15
1,3,5-Trimethylbenzene	**0.260**	J	0.113	1.00	ug/L	1	07/7/2011 16:15
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1	07/7/2011 16:15
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1	07/7/2011 16:15
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1	07/7/2011 16:15
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1	07/7/2011 16:15
2-Butanone	**1.59**	J	0.723	25.0	ug/L	1	07/7/2011 16:15
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1	07/7/2011 16:15
2-Hexanone	ND	U	0.728	5.00	ug/L	1	07/7/2011 16:15
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1	07/7/2011 16:15
4-Isopropyltoluene	**0.600**	J	0.0769	1.00	ug/L	1	07/7/2011 16:15
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1	07/7/2011 16:15
Acetone	**5.75**	J	0.864	25.0	ug/L	1	07/7/2011 16:15
Benzene	**4.65**		0.113	1.00	ug/L	1	07/7/2011 16:15
Bromobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 16:15
Bromochloromethane	ND	U	0.211	1.00	ug/L	1	07/7/2011 16:15
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	07/7/2011 16:15
Bromoform	ND	U	0.0974	1.00	ug/L	1	07/7/2011 16:15
Bromomethane	ND	U	0.237	1.00	ug/L	1	07/7/2011 16:15
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 16:15
Carbon disulfide	**0.260**	J	0.106	1.00	ug/L	1	07/7/2011 16:15
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	07/7/2011 16:15
Chlorobenzene	ND	U	0.116	1.00	ug/L	1	07/7/2011 16:15
Chloroethane	ND	U	0.311	1.00	ug/L	1	07/7/2011 16:15
Chloroform	**0.340**	J	0.139	1.00	ug/L	1	07/7/2011 16:15
Chloromethane	ND	U	0.448	1.00	ug/L	1	07/7/2011 16:15
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1	07/7/2011 16:15
Dibromomethane	ND	U	0.168	1.00	ug/L	1	07/7/2011 16:15

Print Date: 07/15/2011

N.C. Certification # 481

Results of **AMW-12S**

Client Sample ID: **AMW-12S**
Client Project ID: **6010**
Lab Sample ID: 31101710001-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 10:50
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1	07/7/2011 16:15
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	07/7/2011 16:15
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	07/7/2011 16:15
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1	07/7/2011 16:15
Ethyl Benzene	**0.520**	J	0.0877	1.00	ug/L	1	07/7/2011 16:15
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1	07/7/2011 16:15
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1	07/7/2011 16:15
Methyl iodide	ND	U	0.115	1.00	ug/L	1	07/7/2011 16:15
Methylene chloride	ND	U	0.152	5.00	ug/L	1	07/7/2011 16:15
Naphthalene	**0.620**	J	0.0855	1.00	ug/L	1	07/7/2011 16:15
Styrene	ND	U	0.102	1.00	ug/L	1	07/7/2011 16:15
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1	07/7/2011 16:15
Toluene	**1.34**		0.133	1.00	ug/L	1	07/7/2011 16:15
Trichloroethene	ND	U	0.125	1.00	ug/L	1	07/7/2011 16:15
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	07/7/2011 16:15
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	07/7/2011 16:15
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1	07/7/2011 16:15
m,p-Xylene	**1.58**	J	0.182	2.00	ug/L	1	07/7/2011 16:15
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 16:15
o-Xylene	**1.11**		0.0874	1.00	ug/L	1	07/7/2011 16:15
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1	07/7/2011 16:15
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1	07/7/2011 16:15
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 16:15
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1	07/7/2011 16:15
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1	07/7/2011 16:15
Surrogates							
1,2-Dichloroethane-d4	107			64.0-140	%	1	07/7/2011 16:15
4-Bromofluorobenzene	101			85.0-115	%	1	07/7/2011 16:15
Toluene d8	106			82.0-117	%	1	07/7/2011 16:15

Batch Information

Analytical Batch: **VMS1355**
Analytical Method: **SW-846 8260B**
Instrument: **MSD3**
Analyst: **BWS**
Analytical Date/Time: **07/07/2011 16:15**

Prep Batch: **VXX1732**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/07/2011 10:09**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 07/15/2011

N.C. Certification # 481

Results of **AMW-11S**

Client Sample ID: **AMW-11S**
Client Project ID: **6010**
Lab Sample ID: 31101710002-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 11:45
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1	07/7/2011 16:40
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	07/7/2011 16:40
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1	07/7/2011 16:40
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	07/7/2011 16:40
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1	07/7/2011 16:40
1,1-Dichloroethene	ND	U	0.212	1.00	ug/L	1	07/7/2011 16:40
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1	07/7/2011 16:40
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 16:40
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	07/7/2011 16:40
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1	07/7/2011 16:40
1,2,4-Trimethylbenzene	ND	U	0.0961	1.00	ug/L	1	07/7/2011 16:40
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1	07/7/2011 16:40
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	07/7/2011 16:40
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1	07/7/2011 16:40
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	07/7/2011 16:40
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	07/7/2011 16:40
1,3,5-Trimethylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 16:40
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1	07/7/2011 16:40
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1	07/7/2011 16:40
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1	07/7/2011 16:40
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1	07/7/2011 16:40
2-Butanone	ND	U	0.723	25.0	ug/L	1	07/7/2011 16:40
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1	07/7/2011 16:40
2-Hexanone	ND	U	0.728	5.00	ug/L	1	07/7/2011 16:40
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1	07/7/2011 16:40
4-Isopropyltoluene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 16:40
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1	07/7/2011 16:40
Acetone	ND	U	0.864	25.0	ug/L	1	07/7/2011 16:40
Benzene	**0.460**	J	0.113	1.00	ug/L	1	07/7/2011 16:40
Bromobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 16:40
Bromochloromethane	ND	U	0.211	1.00	ug/L	1	07/7/2011 16:40
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	07/7/2011 16:40
Bromoform	ND	U	0.0974	1.00	ug/L	1	07/7/2011 16:40
Bromomethane	ND	U	0.237	1.00	ug/L	1	07/7/2011 16:40
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 16:40
Carbon disulfide	ND	U	0.106	1.00	ug/L	1	07/7/2011 16:40
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	07/7/2011 16:40
Chlorobenzene	ND	U	0.116	1.00	ug/L	1	07/7/2011 16:40
Chloroethane	ND	U	0.311	1.00	ug/L	1	07/7/2011 16:40
Chloroform	ND	U	0.139	1.00	ug/L	1	07/7/2011 16:40
Chloromethane	ND	U	0.448	1.00	ug/L	1	07/7/2011 16:40
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1	07/7/2011 16:40
Dibromomethane	ND	U	0.168	1.00	ug/L	1	07/7/2011 16:40

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Results of **AMW-11S**

Client Sample ID: **AMW-11S**
Client Project ID: **6010**
Lab Sample ID: 31101710002-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 11:45
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1	07/7/2011 16:40
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	07/7/2011 16:40
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	07/7/2011 16:40
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1	07/7/2011 16:40
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	07/7/2011 16:40
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1	07/7/2011 16:40
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1	07/7/2011 16:40
Methyl iodide	ND	U	0.115	1.00	ug/L	1	07/7/2011 16:40
Methylene chloride	ND	U	0.152	5.00	ug/L	1	07/7/2011 16:40
Naphthalene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 16:40
Styrene	ND	U	0.102	1.00	ug/L	1	07/7/2011 16:40
Tetrachloroethene	**0.210**	J	0.155	1.00	ug/L	1	07/7/2011 16:40
Toluene	ND	U	0.133	1.00	ug/L	1	07/7/2011 16:40
Trichloroethene	ND	U	0.125	1.00	ug/L	1	07/7/2011 16:40
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	07/7/2011 16:40
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	07/7/2011 16:40
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1	07/7/2011 16:40
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	07/7/2011 16:40
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 16:40
o-Xylene	**0.110**	J	0.0874	1.00	ug/L	1	07/7/2011 16:40
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1	07/7/2011 16:40
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1	07/7/2011 16:40
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 16:40
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1	07/7/2011 16:40
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1	07/7/2011 16:40
Surrogates							
1,2-Dichloroethane-d4	106			64.0-140	%	1	07/7/2011 16:40
4-Bromofluorobenzene	100			85.0-115	%	1	07/7/2011 16:40
Toluene d8	106			82.0-117	%	1	07/7/2011 16:40

Batch Information

Analytical Batch: **VMS1355**
Analytical Method: **SW-846 8260B**
Instrument: **MSD3**
Analyst: **BWS**
Analytical Date/Time: **07/07/2011 16:40**

Prep Batch: **VXX1732**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/07/2011 10:09**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 07/15/2011

N.C. Certification # 481

Results of **FB-1**

Client Sample ID: **FB-1**
Client Project ID: **6010**
Lab Sample ID: 31101710003-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 12:10
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1	07/7/2011 15:26
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	07/7/2011 15:26
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1	07/7/2011 15:26
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	07/7/2011 15:26
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1	07/7/2011 15:26
1,1-Dichloroethene	ND	U	0.212	1.00	ug/L	1	07/7/2011 15:26
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1	07/7/2011 15:26
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 15:26
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	07/7/2011 15:26
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1	07/7/2011 15:26
1,2,4-Trimethylbenzene	ND	U	0.0961	1.00	ug/L	1	07/7/2011 15:26
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1	07/7/2011 15:26
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	07/7/2011 15:26
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1	07/7/2011 15:26
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	07/7/2011 15:26
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	07/7/2011 15:26
1,3,5-Trimethylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 15:26
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1	07/7/2011 15:26
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1	07/7/2011 15:26
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1	07/7/2011 15:26
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1	07/7/2011 15:26
2-Butanone	ND	U	0.723	25.0	ug/L	1	07/7/2011 15:26
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1	07/7/2011 15:26
2-Hexanone	ND	U	0.728	5.00	ug/L	1	07/7/2011 15:26
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1	07/7/2011 15:26
4-Isopropyltoluene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 15:26
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1	07/7/2011 15:26
Acetone	**1.44**	J	0.864	25.0	ug/L	1	07/7/2011 15:26
Benzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 15:26
Bromobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 15:26
Bromochloromethane	ND	U	0.211	1.00	ug/L	1	07/7/2011 15:26
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	07/7/2011 15:26
Bromoform	ND	U	0.0974	1.00	ug/L	1	07/7/2011 15:26
Bromomethane	ND	U	0.237	1.00	ug/L	1	07/7/2011 15:26
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 15:26
Carbon disulfide	ND	U	0.106	1.00	ug/L	1	07/7/2011 15:26
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	07/7/2011 15:26
Chlorobenzene	ND	U	0.116	1.00	ug/L	1	07/7/2011 15:26
Chloroethane	ND	U	0.311	1.00	ug/L	1	07/7/2011 15:26
Chloroform	ND	U	0.139	1.00	ug/L	1	07/7/2011 15:26
Chloromethane	ND	U	0.448	1.00	ug/L	1	07/7/2011 15:26
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1	07/7/2011 15:26
Dibromomethane	ND	U	0.168	1.00	ug/L	1	07/7/2011 15:26

Print Date: 07/15/2011

N.C. Certification # 481

Results of **FB-1**

Client Sample ID: **FB-1**
Client Project ID: **6010**
Lab Sample ID: 31101710003-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 12:10
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1	07/7/2011 15:26
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	07/7/2011 15:26
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	07/7/2011 15:26
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1	07/7/2011 15:26
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	07/7/2011 15:26
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1	07/7/2011 15:26
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1	07/7/2011 15:26
Methyl iodide	ND	U	0.115	1.00	ug/L	1	07/7/2011 15:26
Methylene chloride	**2.54**	J	0.152	5.00	ug/L	1	07/7/2011 15:26
Naphthalene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 15:26
Styrene	ND	U	0.102	1.00	ug/L	1	07/7/2011 15:26
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1	07/7/2011 15:26
Toluene	ND	U	0.133	1.00	ug/L	1	07/7/2011 15:26
Trichloroethene	ND	U	0.125	1.00	ug/L	1	07/7/2011 15:26
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	07/7/2011 15:26
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	07/7/2011 15:26
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1	07/7/2011 15:26
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	07/7/2011 15:26
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 15:26
o-Xylene	ND	U	0.0874	1.00	ug/L	1	07/7/2011 15:26
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1	07/7/2011 15:26
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1	07/7/2011 15:26
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 15:26
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1	07/7/2011 15:26
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1	07/7/2011 15:26
Surrogates							
1,2-Dichloroethane-d4	105			64.0-140	%	1	07/7/2011 15:26
4-Bromofluorobenzene	99.0			85.0-115	%	1	07/7/2011 15:26
Toluene d8	105			82.0-117	%	1	07/7/2011 15:26

Batch Information

Analytical Batch: **VMS1355**
Analytical Method: **SW-846 8260B**
Instrument: **MSD3**
Analyst: **BWS**
Analytical Date/Time: **07/07/2011 15:26**

Prep Batch: **VXX1732**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/07/2011 10:09**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 07/15/2011

N.C. Certification # 481

Results of **RB-1**

Client Sample ID: **RB-1**
Client Project ID: **6010**
Lab Sample ID: 31101710004-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 12:20
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1	07/7/2011 15:50
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	07/7/2011 15:50
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1	07/7/2011 15:50
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	07/7/2011 15:50
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1	07/7/2011 15:50
1,1-Dichloroethene	ND	U	0.212	1.00	ug/L	1	07/7/2011 15:50
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1	07/7/2011 15:50
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 15:50
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	07/7/2011 15:50
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1	07/7/2011 15:50
1,2,4-Trimethylbenzene	ND	U	0.0961	1.00	ug/L	1	07/7/2011 15:50
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1	07/7/2011 15:50
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	07/7/2011 15:50
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1	07/7/2011 15:50
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	07/7/2011 15:50
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	07/7/2011 15:50
1,3,5-Trimethylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 15:50
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1	07/7/2011 15:50
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1	07/7/2011 15:50
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1	07/7/2011 15:50
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1	07/7/2011 15:50
2-Butanone	ND	U	0.723	25.0	ug/L	1	07/7/2011 15:50
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1	07/7/2011 15:50
2-Hexanone	ND	U	0.728	5.00	ug/L	1	07/7/2011 15:50
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1	07/7/2011 15:50
4-Isopropyltoluene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 15:50
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1	07/7/2011 15:50
Acetone	**1.09**	J	0.864	25.0	ug/L	1	07/7/2011 15:50
Benzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 15:50
Bromobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 15:50
Bromochloromethane	ND	U	0.211	1.00	ug/L	1	07/7/2011 15:50
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	07/7/2011 15:50
Bromoform	ND	U	0.0974	1.00	ug/L	1	07/7/2011 15:50
Bromomethane	ND	U	0.237	1.00	ug/L	1	07/7/2011 15:50
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 15:50
Carbon disulfide	**0.250**	J	0.106	1.00	ug/L	1	07/7/2011 15:50
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	07/7/2011 15:50
Chlorobenzene	ND	U	0.116	1.00	ug/L	1	07/7/2011 15:50
Chloroethane	ND	U	0.311	1.00	ug/L	1	07/7/2011 15:50
Chloroform	ND	U	0.139	1.00	ug/L	1	07/7/2011 15:50
Chloromethane	ND	U	0.448	1.00	ug/L	1	07/7/2011 15:50
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1	07/7/2011 15:50
Dibromomethane	ND	U	0.168	1.00	ug/L	1	07/7/2011 15:50

Print Date: 07/15/2011

N.C. Certification # 481

Results of **RB-1**

Client Sample ID: **RB-1**
Client Project ID: **6010**
Lab Sample ID: 31101710004-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 12:20
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1	07/7/2011 15:50
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	07/7/2011 15:50
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	07/7/2011 15:50
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1	07/7/2011 15:50
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	07/7/2011 15:50
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1	07/7/2011 15:50
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1	07/7/2011 15:50
Methyl iodide	ND	U	0.115	1.00	ug/L	1	07/7/2011 15:50
Methylene chloride	**2.15**	J	0.152	5.00	ug/L	1	07/7/2011 15:50
Naphthalene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 15:50
Styrene	ND	U	0.102	1.00	ug/L	1	07/7/2011 15:50
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1	07/7/2011 15:50
Toluene	ND	U	0.133	1.00	ug/L	1	07/7/2011 15:50
Trichloroethene	ND	U	0.125	1.00	ug/L	1	07/7/2011 15:50
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	07/7/2011 15:50
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	07/7/2011 15:50
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1	07/7/2011 15:50
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	07/7/2011 15:50
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 15:50
o-Xylene	ND	U	0.0874	1.00	ug/L	1	07/7/2011 15:50
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1	07/7/2011 15:50
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1	07/7/2011 15:50
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 15:50
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1	07/7/2011 15:50
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1	07/7/2011 15:50
Surrogates							
1,2-Dichloroethane-d4	106			64.0-140	%	1	07/7/2011 15:50
4-Bromofluorobenzene	98.0			85.0-115	%	1	07/7/2011 15:50
Toluene d8	105			82.0-117	%	1	07/7/2011 15:50

Batch Information

Analytical Batch: **VMS1355**
Analytical Method: **SW-846 8260B**
Instrument: **MSD3**
Analyst: **BWS**
Analytical Date/Time: **07/07/2011 15:50**

Prep Batch: **VXX1732**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/07/2011 10:09**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 07/15/2011

N.C. Certification # 481

Results of **Dup-1**

Client Sample ID: **Dup-1**
Client Project ID: **6010**
Lab Sample ID: 31101710005-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 00:00
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1	07/7/2011 17:06
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	07/7/2011 17:06
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1	07/7/2011 17:06
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	07/7/2011 17:06
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1	07/7/2011 17:06
1,1-Dichloroethene	ND	U	0.212	1.00	ug/L	1	07/7/2011 17:06
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1	07/7/2011 17:06
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 17:06
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	07/7/2011 17:06
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1	07/7/2011 17:06
1,2,4-Trimethylbenzene	ND	U	0.0961	1.00	ug/L	1	07/7/2011 17:06
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1	07/7/2011 17:06
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	07/7/2011 17:06
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1	07/7/2011 17:06
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	07/7/2011 17:06
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	07/7/2011 17:06
1,3,5-Trimethylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 17:06
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1	07/7/2011 17:06
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1	07/7/2011 17:06
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1	07/7/2011 17:06
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1	07/7/2011 17:06
2-Butanone	ND	U	0.723	25.0	ug/L	1	07/7/2011 17:06
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1	07/7/2011 17:06
2-Hexanone	ND	U	0.728	5.00	ug/L	1	07/7/2011 17:06
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1	07/7/2011 17:06
4-Isopropyltoluene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 17:06
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1	07/7/2011 17:06
Acetone	ND	U	0.864	25.0	ug/L	1	07/7/2011 17:06
Benzene	**0.460**	J	0.113	1.00	ug/L	1	07/7/2011 17:06
Bromobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 17:06
Bromochloromethane	ND	U	0.211	1.00	ug/L	1	07/7/2011 17:06
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	07/7/2011 17:06
Bromoform	ND	U	0.0974	1.00	ug/L	1	07/7/2011 17:06
Bromomethane	ND	U	0.237	1.00	ug/L	1	07/7/2011 17:06
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 17:06
Carbon disulfide	ND	U	0.106	1.00	ug/L	1	07/7/2011 17:06
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	07/7/2011 17:06
Chlorobenzene	ND	U	0.116	1.00	ug/L	1	07/7/2011 17:06
Chloroethane	ND	U	0.311	1.00	ug/L	1	07/7/2011 17:06
Chloroform	ND	U	0.139	1.00	ug/L	1	07/7/2011 17:06
Chloromethane	ND	U	0.448	1.00	ug/L	1	07/7/2011 17:06
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1	07/7/2011 17:06
Dibromomethane	ND	U	0.168	1.00	ug/L	1	07/7/2011 17:06

Print Date: 07/15/2011

N.C. Certification # 481

Results of **Dup-1**

Client Sample ID: **Dup-1**
Client Project ID: **6010**
Lab Sample ID: 31101710005-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 00:00
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1	07/7/2011 17:06
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	07/7/2011 17:06
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	07/7/2011 17:06
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1	07/7/2011 17:06
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	07/7/2011 17:06
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1	07/7/2011 17:06
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1	07/7/2011 17:06
Methyl iodide	ND	U	0.115	1.00	ug/L	1	07/7/2011 17:06
Methylene chloride	ND	U	0.152	5.00	ug/L	1	07/7/2011 17:06
Naphthalene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 17:06
Styrene	ND	U	0.102	1.00	ug/L	1	07/7/2011 17:06
Tetrachloroethene	**0.190**	J	0.155	1.00	ug/L	1	07/7/2011 17:06
Toluene	ND	U	0.133	1.00	ug/L	1	07/7/2011 17:06
Trichloroethene	ND	U	0.125	1.00	ug/L	1	07/7/2011 17:06
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	07/7/2011 17:06
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	07/7/2011 17:06
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1	07/7/2011 17:06
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	07/7/2011 17:06
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 17:06
o-Xylene	**0.110**	J	0.0874	1.00	ug/L	1	07/7/2011 17:06
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1	07/7/2011 17:06
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1	07/7/2011 17:06
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 17:06
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1	07/7/2011 17:06
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1	07/7/2011 17:06
Surrogates							
1,2-Dichloroethane-d4	108			64.0-140	%	1	07/7/2011 17:06
4-Bromofluorobenzene	99.0			85.0-115	%	1	07/7/2011 17:06
Toluene d8	106			82.0-117	%	1	07/7/2011 17:06

Batch Information

Analytical Batch: **VMS1355**
Analytical Method: **SW-846 8260B**
Instrument: **MSD3**
Analyst: **BWS**
Analytical Date/Time: **07/07/2011 17:06**

Prep Batch: **VXX1732**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/07/2011 10:09**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 07/15/2011

N.C. Certification # 481

Results of **Trip Blank**

Client Sample ID: **Trip Blank**
Client Project ID: **6010**
Lab Sample ID: 31101710006-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 00:00
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1	07/7/2011 15:01
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	07/7/2011 15:01
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1	07/7/2011 15:01
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	07/7/2011 15:01
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1	07/7/2011 15:01
1,1-Dichloroethene	ND	U	0.212	1.00	ug/L	1	07/7/2011 15:01
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1	07/7/2011 15:01
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 15:01
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	07/7/2011 15:01
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1	07/7/2011 15:01
1,2,4-Trimethylbenzene	ND	U	0.0961	1.00	ug/L	1	07/7/2011 15:01
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1	07/7/2011 15:01
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	07/7/2011 15:01
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1	07/7/2011 15:01
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	07/7/2011 15:01
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	07/7/2011 15:01
1,3,5-Trimethylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 15:01
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1	07/7/2011 15:01
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1	07/7/2011 15:01
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1	07/7/2011 15:01
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1	07/7/2011 15:01
2-Butanone	ND	U	0.723	25.0	ug/L	1	07/7/2011 15:01
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1	07/7/2011 15:01
2-Hexanone	ND	U	0.728	5.00	ug/L	1	07/7/2011 15:01
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1	07/7/2011 15:01
4-Isopropyltoluene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 15:01
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1	07/7/2011 15:01
Acetone	ND	U	0.864	25.0	ug/L	1	07/7/2011 15:01
Benzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 15:01
Bromobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 15:01
Bromochloromethane	ND	U	0.211	1.00	ug/L	1	07/7/2011 15:01
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	07/7/2011 15:01
Bromoform	ND	U	0.0974	1.00	ug/L	1	07/7/2011 15:01
Bromomethane	ND	U	0.237	1.00	ug/L	1	07/7/2011 15:01
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 15:01
Carbon disulfide	ND	U	0.106	1.00	ug/L	1	07/7/2011 15:01
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	07/7/2011 15:01
Chlorobenzene	ND	U	0.116	1.00	ug/L	1	07/7/2011 15:01
Chloroethane	ND	U	0.311	1.00	ug/L	1	07/7/2011 15:01
Chloroform	ND	U	0.139	1.00	ug/L	1	07/7/2011 15:01
Chloromethane	ND	U	0.448	1.00	ug/L	1	07/7/2011 15:01
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1	07/7/2011 15:01
Dibromomethane	ND	U	0.168	1.00	ug/L	1	07/7/2011 15:01

Print Date: 07/15/2011

N.C. Certification # 481

Results of **Trip Blank**

Client Sample ID: **Trip Blank**
Client Project ID: **6010**
Lab Sample ID: 31101710006-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 00:00
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1	07/7/2011 15:01
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	07/7/2011 15:01
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	07/7/2011 15:01
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1	07/7/2011 15:01
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	07/7/2011 15:01
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1	07/7/2011 15:01
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1	07/7/2011 15:01
Methyl iodide	ND	U	0.115	1.00	ug/L	1	07/7/2011 15:01
Methylene chloride	ND	U	0.152	5.00	ug/L	1	07/7/2011 15:01
Naphthalene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 15:01
Styrene	ND	U	0.102	1.00	ug/L	1	07/7/2011 15:01
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1	07/7/2011 15:01
Toluene	ND	U	0.133	1.00	ug/L	1	07/7/2011 15:01
Trichloroethene	ND	U	0.125	1.00	ug/L	1	07/7/2011 15:01
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	07/7/2011 15:01
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	07/7/2011 15:01
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1	07/7/2011 15:01
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	07/7/2011 15:01
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 15:01
o-Xylene	ND	U	0.0874	1.00	ug/L	1	07/7/2011 15:01
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1	07/7/2011 15:01
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1	07/7/2011 15:01
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 15:01
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1	07/7/2011 15:01
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1	07/7/2011 15:01
Surrogates							
1,2-Dichloroethane-d4	104			64.0-140	%	1	07/7/2011 15:01
4-Bromofluorobenzene	98.0			85.0-115	%	1	07/7/2011 15:01
Toluene d8	106			82.0-117	%	1	07/7/2011 15:01

Batch Information

Analytical Batch: **VMS1355**
Analytical Method: **SW-846 8260B**
Instrument: **MSD3**
Analyst: **BWS**
Analytical Date/Time: **07/07/2011 15:01**

Prep Batch: **VXX1732**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/07/2011 10:09**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 07/15/2011

N.C. Certification # 481

Results of **MW-14**

Client Sample ID: **MW-14**
Client Project ID: **6010**
Lab Sample ID: 31101710007-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 12:55
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1	07/7/2011 17:31
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	07/7/2011 17:31
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1	07/7/2011 17:31
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	07/7/2011 17:31
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1	07/7/2011 17:31
1,1-Dichloroethene	ND	U	0.212	1.00	ug/L	1	07/7/2011 17:31
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1	07/7/2011 17:31
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 17:31
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	07/7/2011 17:31
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1	07/7/2011 17:31
1,2,4-Trimethylbenzene	ND	U	0.0961	1.00	ug/L	1	07/7/2011 17:31
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1	07/7/2011 17:31
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	07/7/2011 17:31
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1	07/7/2011 17:31
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	07/7/2011 17:31
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	07/7/2011 17:31
1,3,5-Trimethylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 17:31
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1	07/7/2011 17:31
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1	07/7/2011 17:31
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1	07/7/2011 17:31
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1	07/7/2011 17:31
2-Butanone	ND	U	0.723	25.0	ug/L	1	07/7/2011 17:31
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1	07/7/2011 17:31
2-Hexanone	ND	U	0.728	5.00	ug/L	1	07/7/2011 17:31
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1	07/7/2011 17:31
4-Isopropyltoluene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 17:31
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1	07/7/2011 17:31
Acetone	**3.31**	J	0.864	25.0	ug/L	1	07/7/2011 17:31
Benzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 17:31
Bromobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 17:31
Bromochloromethane	ND	U	0.211	1.00	ug/L	1	07/7/2011 17:31
Bromodichloromethane	**0.710**	J	0.110	1.00	ug/L	1	07/7/2011 17:31
Bromoform	ND	U	0.0974	1.00	ug/L	1	07/7/2011 17:31
Bromomethane	ND	U	0.237	1.00	ug/L	1	07/7/2011 17:31
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 17:31
Carbon disulfide	ND	U	0.106	1.00	ug/L	1	07/7/2011 17:31
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	07/7/2011 17:31
Chlorobenzene	ND	U	0.116	1.00	ug/L	1	07/7/2011 17:31
Chloroethane	ND	U	0.311	1.00	ug/L	1	07/7/2011 17:31
Chloroform	**0.980**	J	0.139	1.00	ug/L	1	07/7/2011 17:31
Chloromethane	ND	U	0.448	1.00	ug/L	1	07/7/2011 17:31
Dibromochloromethane	**0.640**	J	0.134	1.00	ug/L	1	07/7/2011 17:31
Dibromomethane	ND	U	0.168	1.00	ug/L	1	07/7/2011 17:31

Print Date: 07/15/2011

N.C. Certification # 481

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Member of SGS Group

Results of **MW-14**

Client Sample ID: **MW-14**
Client Project ID: **6010**
Lab Sample ID: 31101710007-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 12:55
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1	07/7/2011 17:31
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	07/7/2011 17:31
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	07/7/2011 17:31
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1	07/7/2011 17:31
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	07/7/2011 17:31
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1	07/7/2011 17:31
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1	07/7/2011 17:31
Methyl iodide	ND	U	0.115	1.00	ug/L	1	07/7/2011 17:31
Methylene chloride	ND	U	0.152	5.00	ug/L	1	07/7/2011 17:31
Naphthalene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 17:31
Styrene	ND	U	0.102	1.00	ug/L	1	07/7/2011 17:31
Tetrachloroethene	**0.230**	J	0.155	1.00	ug/L	1	07/7/2011 17:31
Toluene	**0.280**	J	0.133	1.00	ug/L	1	07/7/2011 17:31
Trichloroethene	ND	U	0.125	1.00	ug/L	1	07/7/2011 17:31
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	07/7/2011 17:31
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	07/7/2011 17:31
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1	07/7/2011 17:31
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	07/7/2011 17:31
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 17:31
o-Xylene	ND	U	0.0874	1.00	ug/L	1	07/7/2011 17:31
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1	07/7/2011 17:31
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1	07/7/2011 17:31
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 17:31
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1	07/7/2011 17:31
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1	07/7/2011 17:31
Surrogates							
1,2-Dichloroethane-d4	107			64.0-140	%	1	07/7/2011 17:31
4-Bromofluorobenzene	99.0			85.0-115	%	1	07/7/2011 17:31
Toluene d8	105			82.0-117	%	1	07/7/2011 17:31

Batch Information

Analytical Batch: **VMS1355**
Analytical Method: **SW-846 8260B**
Instrument: **MSD3**
Analyst: **BWS**
Analytical Date/Time: **07/07/2011 17:31**

Prep Batch: **VXX1732**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/07/2011 10:09**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 07/15/2011

N.C. Certification # 481

Results of **MW-15**

Client Sample ID: **MW-15**
Client Project ID: **6010**
Lab Sample ID: 31101710008-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 13:45
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1	07/7/2011 17:56
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	07/7/2011 17:56
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1	07/7/2011 17:56
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	07/7/2011 17:56
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1	07/7/2011 17:56
1,1-Dichloroethene	ND	U	0.212	1.00	ug/L	1	07/7/2011 17:56
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1	07/7/2011 17:56
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 17:56
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	07/7/2011 17:56
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1	07/7/2011 17:56
1,2,4-Trimethylbenzene	ND	U	0.0961	1.00	ug/L	1	07/7/2011 17:56
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1	07/7/2011 17:56
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	07/7/2011 17:56
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1	07/7/2011 17:56
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	07/7/2011 17:56
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	07/7/2011 17:56
1,3,5-Trimethylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 17:56
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1	07/7/2011 17:56
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1	07/7/2011 17:56
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1	07/7/2011 17:56
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1	07/7/2011 17:56
2-Butanone	ND	U	0.723	25.0	ug/L	1	07/7/2011 17:56
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1	07/7/2011 17:56
2-Hexanone	ND	U	0.728	5.00	ug/L	1	07/7/2011 17:56
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1	07/7/2011 17:56
4-Isopropyltoluene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 17:56
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1	07/7/2011 17:56
Acetone	**7.01**	J	0.864	25.0	ug/L	1	07/7/2011 17:56
Benzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 17:56
Bromobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 17:56
Bromochloromethane	ND	U	0.211	1.00	ug/L	1	07/7/2011 17:56
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	07/7/2011 17:56
Bromoform	ND	U	0.0974	1.00	ug/L	1	07/7/2011 17:56
Bromomethane	ND	U	0.237	1.00	ug/L	1	07/7/2011 17:56
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 17:56
Carbon disulfide	**1.60**		0.106	1.00	ug/L	1	07/7/2011 17:56
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	07/7/2011 17:56
Chlorobenzene	ND	U	0.116	1.00	ug/L	1	07/7/2011 17:56
Chloroethane	ND	U	0.311	1.00	ug/L	1	07/7/2011 17:56
Chloroform	**1.03**		0.139	1.00	ug/L	1	07/7/2011 17:56
Chloromethane	ND	U	0.448	1.00	ug/L	1	07/7/2011 17:56
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1	07/7/2011 17:56
Dibromomethane	ND	U	0.168	1.00	ug/L	1	07/7/2011 17:56

Print Date: 07/15/2011

N.C. Certification # 481

Results of **MW-15**

Client Sample ID: **MW-15**
Client Project ID: **6010**
Lab Sample ID: 31101710008-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 13:45
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1	07/7/2011 17:56
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	07/7/2011 17:56
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	07/7/2011 17:56
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1	07/7/2011 17:56
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	07/7/2011 17:56
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1	07/7/2011 17:56
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1	07/7/2011 17:56
Methyl iodide	ND	U	0.115	1.00	ug/L	1	07/7/2011 17:56
Methylene chloride	**0.240**	J	0.152	5.00	ug/L	1	07/7/2011 17:56
Naphthalene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 17:56
Styrene	ND	U	0.102	1.00	ug/L	1	07/7/2011 17:56
Tetrachloroethene	**0.440**	J	0.155	1.00	ug/L	1	07/7/2011 17:56
Toluene	**1.18**		0.133	1.00	ug/L	1	07/7/2011 17:56
Trichloroethene	ND	U	0.125	1.00	ug/L	1	07/7/2011 17:56
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	07/7/2011 17:56
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	07/7/2011 17:56
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1	07/7/2011 17:56
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	07/7/2011 17:56
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 17:56
o-Xylene	**0.120**	J	0.0874	1.00	ug/L	1	07/7/2011 17:56
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1	07/7/2011 17:56
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1	07/7/2011 17:56
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 17:56
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1	07/7/2011 17:56
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1	07/7/2011 17:56
Surrogates							
1,2-Dichloroethane-d4	106			64.0-140	%	1	07/7/2011 17:56
4-Bromofluorobenzene	99.0			85.0-115	%	1	07/7/2011 17:56
Toluene d8	106			82.0-117	%	1	07/7/2011 17:56

Batch Information

Analytical Batch: **VMS1355**
Analytical Method: **SW-846 8260B**
Instrument: **MSD3**
Analyst: **BWS**
Analytical Date/Time: **07/07/2011 17:56**

Prep Batch: **VXX1732**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/07/2011 10:09**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 07/15/2011

N.C. Certification # 481

Results of **MW-13**

Client Sample ID: **MW-13**
Client Project ID: **6010**
Lab Sample ID: 31101710009-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 14:35
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1	07/7/2011 18:21
1,1,1-Trichloroethane	**0.170**	J	0.123	1.00	ug/L	1	07/7/2011 18:21
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1	07/7/2011 18:21
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	07/7/2011 18:21
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1	07/7/2011 18:21
1,1-Dichloroethene	**2.88**		0.212	1.00	ug/L	1	07/7/2011 18:21
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1	07/7/2011 18:21
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 18:21
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	07/7/2011 18:21
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1	07/7/2011 18:21
1,2,4-Trimethylbenzene	ND	U	0.0961	1.00	ug/L	1	07/7/2011 18:21
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1	07/7/2011 18:21
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	07/7/2011 18:21
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1	07/7/2011 18:21
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	07/7/2011 18:21
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	07/7/2011 18:21
1,3,5-Trimethylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 18:21
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1	07/7/2011 18:21
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1	07/7/2011 18:21
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1	07/7/2011 18:21
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1	07/7/2011 18:21
2-Butanone	ND	U	0.723	25.0	ug/L	1	07/7/2011 18:21
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1	07/7/2011 18:21
2-Hexanone	ND	U	0.728	5.00	ug/L	1	07/7/2011 18:21
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1	07/7/2011 18:21
4-Isopropyltoluene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 18:21
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1	07/7/2011 18:21
Acetone	ND	U	0.864	25.0	ug/L	1	07/7/2011 18:21
Benzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 18:21
Bromobenzene	ND	U	0.110	1.00	ug/L	1	07/7/2011 18:21
Bromochloromethane	ND	U	0.211	1.00	ug/L	1	07/7/2011 18:21
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	07/7/2011 18:21
Bromoform	ND	U	0.0974	1.00	ug/L	1	07/7/2011 18:21
Bromomethane	ND	U	0.237	1.00	ug/L	1	07/7/2011 18:21
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1	07/7/2011 18:21
Carbon disulfide	**0.320**	J	0.106	1.00	ug/L	1	07/7/2011 18:21
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	07/7/2011 18:21
Chlorobenzene	ND	U	0.116	1.00	ug/L	1	07/7/2011 18:21
Chloroethane	ND	U	0.311	1.00	ug/L	1	07/7/2011 18:21
Chloroform	ND	U	0.139	1.00	ug/L	1	07/7/2011 18:21
Chloromethane	ND	U	0.448	1.00	ug/L	1	07/7/2011 18:21
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1	07/7/2011 18:21
Dibromomethane	ND	U	0.168	1.00	ug/L	1	07/7/2011 18:21

Print Date: 07/15/2011

N.C. Certification # 481

Results of **MW-13**

Client Sample ID: **MW-13**
Client Project ID: **6010**
Lab Sample ID: 31101710009-A
Lab Project ID: 31101710

Collection Date: 06/27/2011 14:35
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1	07/7/2011 18:21
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	07/7/2011 18:21
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	07/7/2011 18:21
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1	07/7/2011 18:21
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	07/7/2011 18:21
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1	07/7/2011 18:21
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1	07/7/2011 18:21
Methyl iodide	ND	U	0.115	1.00	ug/L	1	07/7/2011 18:21
Methylene chloride	ND	U	0.152	5.00	ug/L	1	07/7/2011 18:21
Naphthalene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 18:21
Styrene	ND	U	0.102	1.00	ug/L	1	07/7/2011 18:21
Tetrachloroethene	**6.20**		0.155	1.00	ug/L	1	07/7/2011 18:21
Toluene	**0.150**	J	0.133	1.00	ug/L	1	07/7/2011 18:21
Trichloroethene	**1.60**		0.125	1.00	ug/L	1	07/7/2011 18:21
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	07/7/2011 18:21
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	07/7/2011 18:21
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1	07/7/2011 18:21
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	07/7/2011 18:21
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1	07/7/2011 18:21
o-Xylene	ND	U	0.0874	1.00	ug/L	1	07/7/2011 18:21
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1	07/7/2011 18:21
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1	07/7/2011 18:21
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1	07/7/2011 18:21
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1	07/7/2011 18:21
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1	07/7/2011 18:21
Surrogates							
1,2-Dichloroethane-d4	107			64.0-140	%	1	07/7/2011 18:21
4-Bromofluorobenzene	99.0			85.0-115	%	1	07/7/2011 18:21
Toluene d8	105			82.0-117	%	1	07/7/2011 18:21

Batch Information

Analytical Batch: **VMS1355**
Analytical Method: **SW-846 8260B**
Instrument: **MSD3**
Analyst: **BWS**
Analytical Date/Time: **07/07/2011 18:21**

Prep Batch: **VXX1732**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/07/2011 10:09**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 07/15/2011

N.C. Certification # 481

Results of **AMW-16S**

Client Sample ID: **AMW-16S**
Client Project ID: **6010**
Lab Sample ID: 31101710010-A
Lab Project ID: 31101710

Collection Date: 06/28/2011 09:20
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1	07/8/2011 15:13
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	07/8/2011 15:13
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1	07/8/2011 15:13
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	07/8/2011 15:13
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1	07/8/2011 15:13
1,1-Dichloroethene	ND	U	0.212	1.00	ug/L	1	07/8/2011 15:13
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1	07/8/2011 15:13
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1	07/8/2011 15:13
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	07/8/2011 15:13
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1	07/8/2011 15:13
1,2,4-Trimethylbenzene	ND	U	0.0961	1.00	ug/L	1	07/8/2011 15:13
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1	07/8/2011 15:13
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	07/8/2011 15:13
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1	07/8/2011 15:13
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	07/8/2011 15:13
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	07/8/2011 15:13
1,3,5-Trimethylbenzene	ND	U	0.113	1.00	ug/L	1	07/8/2011 15:13
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1	07/8/2011 15:13
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1	07/8/2011 15:13
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1	07/8/2011 15:13
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1	07/8/2011 15:13
2-Butanone	ND	U	0.723	25.0	ug/L	1	07/8/2011 15:13
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1	07/8/2011 15:13
2-Hexanone	ND	U	0.728	5.00	ug/L	1	07/8/2011 15:13
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1	07/8/2011 15:13
4-Isopropyltoluene	ND	U	0.0769	1.00	ug/L	1	07/8/2011 15:13
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1	07/8/2011 15:13
Acetone	ND	U	0.864	25.0	ug/L	1	07/8/2011 15:13
Benzene	**0.130**	J	0.113	1.00	ug/L	1	07/8/2011 15:13
Bromobenzene	ND	U	0.110	1.00	ug/L	1	07/8/2011 15:13
Bromochloromethane	ND	U	0.211	1.00	ug/L	1	07/8/2011 15:13
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	07/8/2011 15:13
Bromoform	ND	U	0.0974	1.00	ug/L	1	07/8/2011 15:13
Bromomethane	ND	U	0.237	1.00	ug/L	1	07/8/2011 15:13
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1	07/8/2011 15:13
Carbon disulfide	ND	U	0.106	1.00	ug/L	1	07/8/2011 15:13
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	07/8/2011 15:13
Chlorobenzene	ND	U	0.116	1.00	ug/L	1	07/8/2011 15:13
Chloroethane	ND	U	0.311	1.00	ug/L	1	07/8/2011 15:13
Chloroform	ND	U	0.139	1.00	ug/L	1	07/8/2011 15:13
Chloromethane	ND	U	0.448	1.00	ug/L	1	07/8/2011 15:13
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1	07/8/2011 15:13
Dibromomethane	ND	U	0.168	1.00	ug/L	1	07/8/2011 15:13

Print Date: 07/15/2011

N.C. Certification # 481

Results of **AMW-16S**

Client Sample ID: **AMW-16S**
Client Project ID: **6010**
Lab Sample ID: 31101710010-A
Lab Project ID: 31101710

Collection Date: 06/28/2011 09:20
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1	07/8/2011 15:13
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	07/8/2011 15:13
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	07/8/2011 15:13
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1	07/8/2011 15:13
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	07/8/2011 15:13
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1	07/8/2011 15:13
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1	07/8/2011 15:13
Methyl iodide	ND	U	0.115	1.00	ug/L	1	07/8/2011 15:13
Methylene chloride	ND	U	0.152	5.00	ug/L	1	07/8/2011 15:13
Naphthalene	ND	U	0.0855	1.00	ug/L	1	07/8/2011 15:13
Styrene	ND	U	0.102	1.00	ug/L	1	07/8/2011 15:13
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1	07/8/2011 15:13
Toluene	ND	U	0.133	1.00	ug/L	1	07/8/2011 15:13
Trichloroethene	ND	U	0.125	1.00	ug/L	1	07/8/2011 15:13
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	07/8/2011 15:13
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	07/8/2011 15:13
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1	07/8/2011 15:13
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	07/8/2011 15:13
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1	07/8/2011 15:13
o-Xylene	ND	U	0.0874	1.00	ug/L	1	07/8/2011 15:13
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1	07/8/2011 15:13
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1	07/8/2011 15:13
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1	07/8/2011 15:13
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1	07/8/2011 15:13
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1	07/8/2011 15:13
Surrogates							
1,2-Dichloroethane-d4	102			64.0-140	%	1	07/8/2011 15:13
4-Bromofluorobenzene	99.0			85.0-115	%	1	07/8/2011 15:13
Toluene d8	99.0			82.0-117	%	1	07/8/2011 15:13

Batch Information

Analytical Batch: **VMS1361**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**
Analytical Date/Time: **07/08/2011 15:13**

Prep Batch: **VXX1741**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/08/2011 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 07/15/2011

N.C. Certification # 481

Results of **APZ-01**

Client Sample ID: **APZ-01**
Client Project ID: **6010**
Lab Sample ID: 31101710011-A
Lab Project ID: 31101710

Collection Date: 06/28/2011 10:15
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1	07/8/2011 15:39
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	07/8/2011 15:39
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1	07/8/2011 15:39
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	07/8/2011 15:39
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1	07/8/2011 15:39
1,1-Dichloroethene	ND	U	0.212	1.00	ug/L	1	07/8/2011 15:39
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1	07/8/2011 15:39
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1	07/8/2011 15:39
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	07/8/2011 15:39
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1	07/8/2011 15:39
1,2,4-Trimethylbenzene	**0.130**	J	0.0961	1.00	ug/L	1	07/8/2011 15:39
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1	07/8/2011 15:39
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	07/8/2011 15:39
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1	07/8/2011 15:39
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	07/8/2011 15:39
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	07/8/2011 15:39
1,3,5-Trimethylbenzene	ND	U	0.113	1.00	ug/L	1	07/8/2011 15:39
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1	07/8/2011 15:39
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1	07/8/2011 15:39
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1	07/8/2011 15:39
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1	07/8/2011 15:39
2-Butanone	ND	U	0.723	25.0	ug/L	1	07/8/2011 15:39
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1	07/8/2011 15:39
2-Hexanone	ND	U	0.728	5.00	ug/L	1	07/8/2011 15:39
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1	07/8/2011 15:39
4-Isopropyltoluene	**0.130**	J	0.0769	1.00	ug/L	1	07/8/2011 15:39
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1	07/8/2011 15:39
Acetone	**0.890**	J	0.864	25.0	ug/L	1	07/8/2011 15:39
Benzene	**0.990**	J	0.113	1.00	ug/L	1	07/8/2011 15:39
Bromobenzene	ND	U	0.110	1.00	ug/L	1	07/8/2011 15:39
Bromochloromethane	ND	U	0.211	1.00	ug/L	1	07/8/2011 15:39
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	07/8/2011 15:39
Bromoform	ND	U	0.0974	1.00	ug/L	1	07/8/2011 15:39
Bromomethane	ND	U	0.237	1.00	ug/L	1	07/8/2011 15:39
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1	07/8/2011 15:39
Carbon disulfide	ND	U	0.106	1.00	ug/L	1	07/8/2011 15:39
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	07/8/2011 15:39
Chlorobenzene	ND	U	0.116	1.00	ug/L	1	07/8/2011 15:39
Chloroethane	ND	U	0.311	1.00	ug/L	1	07/8/2011 15:39
Chloroform	ND	U	0.139	1.00	ug/L	1	07/8/2011 15:39
Chloromethane	ND	U	0.448	1.00	ug/L	1	07/8/2011 15:39
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1	07/8/2011 15:39
Dibromomethane	ND	U	0.168	1.00	ug/L	1	07/8/2011 15:39

Print Date: 07/15/2011

N.C. Certification # 481

Results of **APZ-01**

Client Sample ID: **APZ-01**
Client Project ID: **6010**
Lab Sample ID: 31101710011-A
Lab Project ID: 31101710

Collection Date: 06/28/2011 10:15
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1	07/8/2011 15:39
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	07/8/2011 15:39
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	07/8/2011 15:39
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1	07/8/2011 15:39
Ethyl Benzene	**0.0900**	J	0.0877	1.00	ug/L	1	07/8/2011 15:39
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1	07/8/2011 15:39
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1	07/8/2011 15:39
Methyl iodide	ND	U	0.115	1.00	ug/L	1	07/8/2011 15:39
Methylene chloride	ND	U	0.152	5.00	ug/L	1	07/8/2011 15:39
Naphthalene	ND	U	0.0855	1.00	ug/L	1	07/8/2011 15:39
Styrene	ND	U	0.102	1.00	ug/L	1	07/8/2011 15:39
Tetrachloroethene	**1.09**		0.155	1.00	ug/L	1	07/8/2011 15:39
Toluene	**0.270**	J	0.133	1.00	ug/L	1	07/8/2011 15:39
Trichloroethene	ND	U	0.125	1.00	ug/L	1	07/8/2011 15:39
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	07/8/2011 15:39
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	07/8/2011 15:39
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1	07/8/2011 15:39
m,p-Xylene	**0.350**	J	0.182	2.00	ug/L	1	07/8/2011 15:39
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1	07/8/2011 15:39
o-Xylene	**0.230**	J	0.0874	1.00	ug/L	1	07/8/2011 15:39
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1	07/8/2011 15:39
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1	07/8/2011 15:39
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1	07/8/2011 15:39
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1	07/8/2011 15:39
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1	07/8/2011 15:39
Surrogates							
1,2-Dichloroethane-d4	103			64.0-140	%	1	07/8/2011 15:39
4-Bromofluorobenzene	99.0			85.0-115	%	1	07/8/2011 15:39
Toluene d8	100			82.0-117	%	1	07/8/2011 15:39

Batch Information

Analytical Batch: **VMS1361**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**
Analytical Date/Time: **07/08/2011 15:39**

Prep Batch: **VXX1741**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/08/2011 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

SGS North America Inc.
5500 Business Drive, Wilmington, NC 28405
t 910.350.1903 f 910.350.1557 www.us.sgs.com
Member of SGS Group

Results of **AMW-17S**

Client Sample ID: **AMW-17S**
Client Project ID: **6010**
Lab Sample ID: 31101710012-A
Lab Project ID: 31101710

Collection Date: 06/28/2011 10:50
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1	07/8/2011 16:04
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	07/8/2011 16:04
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1	07/8/2011 16:04
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	07/8/2011 16:04
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1	07/8/2011 16:04
1,1-Dichloroethene	**0.880**	J	0.212	1.00	ug/L	1	07/8/2011 16:04
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1	07/8/2011 16:04
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1	07/8/2011 16:04
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	07/8/2011 16:04
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1	07/8/2011 16:04
1,2,4-Trimethylbenzene	**0.140**	J	0.0961	1.00	ug/L	1	07/8/2011 16:04
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1	07/8/2011 16:04
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	07/8/2011 16:04
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1	07/8/2011 16:04
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	07/8/2011 16:04
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	07/8/2011 16:04
1,3,5-Trimethylbenzene	ND	U	0.113	1.00	ug/L	1	07/8/2011 16:04
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1	07/8/2011 16:04
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1	07/8/2011 16:04
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1	07/8/2011 16:04
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1	07/8/2011 16:04
2-Butanone	ND	U	0.723	25.0	ug/L	1	07/8/2011 16:04
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1	07/8/2011 16:04
2-Hexanone	ND	U	0.728	5.00	ug/L	1	07/8/2011 16:04
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1	07/8/2011 16:04
4-Isopropyltoluene	ND	U	0.0769	1.00	ug/L	1	07/8/2011 16:04
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1	07/8/2011 16:04
Acetone	ND	U	0.864	25.0	ug/L	1	07/8/2011 16:04
Benzene	**0.270**	J	0.113	1.00	ug/L	1	07/8/2011 16:04
Bromobenzene	ND	U	0.110	1.00	ug/L	1	07/8/2011 16:04
Bromochloromethane	ND	U	0.211	1.00	ug/L	1	07/8/2011 16:04
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	07/8/2011 16:04
Bromoform	ND	U	0.0974	1.00	ug/L	1	07/8/2011 16:04
Bromomethane	ND	U	0.237	1.00	ug/L	1	07/8/2011 16:04
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1	07/8/2011 16:04
Carbon disulfide	ND	U	0.106	1.00	ug/L	1	07/8/2011 16:04
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	07/8/2011 16:04
Chlorobenzene	ND	U	0.116	1.00	ug/L	1	07/8/2011 16:04
Chloroethane	ND	U	0.311	1.00	ug/L	1	07/8/2011 16:04
Chloroform	ND	U	0.139	1.00	ug/L	1	07/8/2011 16:04
Chloromethane	ND	U	0.448	1.00	ug/L	1	07/8/2011 16:04
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1	07/8/2011 16:04
Dibromomethane	ND	U	0.168	1.00	ug/L	1	07/8/2011 16:04

Print Date: 07/15/2011

N.C. Certification # 481

Results of **AMW-17S**

Client Sample ID: **AMW-17S**
Client Project ID: **6010**
Lab Sample ID: 31101710012-A
Lab Project ID: 31101710

Collection Date: 06/28/2011 10:50
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1	07/8/2011 16:04
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	07/8/2011 16:04
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	07/8/2011 16:04
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1	07/8/2011 16:04
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	07/8/2011 16:04
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1	07/8/2011 16:04
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1	07/8/2011 16:04
Methyl iodide	ND	U	0.115	1.00	ug/L	1	07/8/2011 16:04
Methylene chloride	ND	U	0.152	5.00	ug/L	1	07/8/2011 16:04
Naphthalene	ND	U	0.0855	1.00	ug/L	1	07/8/2011 16:04
Styrene	ND	U	0.102	1.00	ug/L	1	07/8/2011 16:04
Tetrachloroethene	**4.72**		0.155	1.00	ug/L	1	07/8/2011 16:04
Toluene	**0.200**	J	0.133	1.00	ug/L	1	07/8/2011 16:04
Trichloroethene	ND	U	0.125	1.00	ug/L	1	07/8/2011 16:04
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	07/8/2011 16:04
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	07/8/2011 16:04
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1	07/8/2011 16:04
m,p-Xylene	**0.310**	J	0.182	2.00	ug/L	1	07/8/2011 16:04
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1	07/8/2011 16:04
o-Xylene	**0.150**	J	0.0874	1.00	ug/L	1	07/8/2011 16:04
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1	07/8/2011 16:04
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1	07/8/2011 16:04
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1	07/8/2011 16:04
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1	07/8/2011 16:04
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1	07/8/2011 16:04
Surrogates							
1,2-Dichloroethane-d4	102			64.0-140	%	1	07/8/2011 16:04
4-Bromofluorobenzene	97.0			85.0-115	%	1	07/8/2011 16:04
Toluene d8	99.0			82.0-117	%	1	07/8/2011 16:04

Batch Information

Analytical Batch: **VMS1361**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**
Analytical Date/Time: **07/08/2011 16:04**

Prep Batch: **VXX1741**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/08/2011 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 07/15/2011

N.C. Certification # 481

Results of **AMW-18S**

Client Sample ID: **AMW-18S**
Client Project ID: **6010**
Lab Sample ID: 31101710013-A
Lab Project ID: 31101710

Collection Date: 06/28/2011 11:50
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1	07/8/2011 16:30
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1	07/8/2011 16:30
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1	07/8/2011 16:30
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	07/8/2011 16:30
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1	07/8/2011 16:30
1,1-Dichloroethene	ND	U	0.212	1.00	ug/L	1	07/8/2011 16:30
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1	07/8/2011 16:30
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1	07/8/2011 16:30
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	07/8/2011 16:30
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1	07/8/2011 16:30
1,2,4-Trimethylbenzene	ND	U	0.0961	1.00	ug/L	1	07/8/2011 16:30
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1	07/8/2011 16:30
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	07/8/2011 16:30
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1	07/8/2011 16:30
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	07/8/2011 16:30
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	07/8/2011 16:30
1,3,5-Trimethylbenzene	ND	U	0.113	1.00	ug/L	1	07/8/2011 16:30
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1	07/8/2011 16:30
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1	07/8/2011 16:30
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1	07/8/2011 16:30
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1	07/8/2011 16:30
2-Butanone	ND	U	0.723	25.0	ug/L	1	07/8/2011 16:30
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1	07/8/2011 16:30
2-Hexanone	ND	U	0.728	5.00	ug/L	1	07/8/2011 16:30
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1	07/8/2011 16:30
4-Isopropyltoluene	ND	U	0.0769	1.00	ug/L	1	07/8/2011 16:30
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1	07/8/2011 16:30
Acetone	ND	U	0.864	25.0	ug/L	1	07/8/2011 16:30
Benzene	ND	U	0.113	1.00	ug/L	1	07/8/2011 16:30
Bromobenzene	ND	U	0.110	1.00	ug/L	1	07/8/2011 16:30
Bromochloromethane	ND	U	0.211	1.00	ug/L	1	07/8/2011 16:30
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	07/8/2011 16:30
Bromoform	ND	U	0.0974	1.00	ug/L	1	07/8/2011 16:30
Bromomethane	ND	U	0.237	1.00	ug/L	1	07/8/2011 16:30
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1	07/8/2011 16:30
Carbon disulfide	ND	U	0.106	1.00	ug/L	1	07/8/2011 16:30
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	07/8/2011 16:30
Chlorobenzene	ND	U	0.116	1.00	ug/L	1	07/8/2011 16:30
Chloroethane	ND	U	0.311	1.00	ug/L	1	07/8/2011 16:30
Chloroform	ND	U	0.139	1.00	ug/L	1	07/8/2011 16:30
Chloromethane	ND	U	0.448	1.00	ug/L	1	07/8/2011 16:30
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1	07/8/2011 16:30
Dibromomethane	ND	U	0.168	1.00	ug/L	1	07/8/2011 16:30

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Results of **AMW-18S**

Client Sample ID: **AMW-18S**
Client Project ID: **6010**
Lab Sample ID: 31101710013-A
Lab Project ID: 31101710

Collection Date: 06/28/2011 11:50
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1	07/8/2011 16:30
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	07/8/2011 16:30
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	07/8/2011 16:30
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1	07/8/2011 16:30
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	07/8/2011 16:30
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1	07/8/2011 16:30
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1	07/8/2011 16:30
Methyl iodide	ND	U	0.115	1.00	ug/L	1	07/8/2011 16:30
Methylene chloride	ND	U	0.152	5.00	ug/L	1	07/8/2011 16:30
Naphthalene	ND	U	0.0855	1.00	ug/L	1	07/8/2011 16:30
Styrene	ND	U	0.102	1.00	ug/L	1	07/8/2011 16:30
Tetrachloroethene	**0.600**	J	0.155	1.00	ug/L	1	07/8/2011 16:30
Toluene	ND	U	0.133	1.00	ug/L	1	07/8/2011 16:30
Trichloroethene	ND	U	0.125	1.00	ug/L	1	07/8/2011 16:30
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	07/8/2011 16:30
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	07/8/2011 16:30
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1	07/8/2011 16:30
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	07/8/2011 16:30
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1	07/8/2011 16:30
o-Xylene	ND	U	0.0874	1.00	ug/L	1	07/8/2011 16:30
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1	07/8/2011 16:30
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1	07/8/2011 16:30
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1	07/8/2011 16:30
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1	07/8/2011 16:30
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1	07/8/2011 16:30
Surrogates							
1,2-Dichloroethane-d4	103			64.0-140	%	1	07/8/2011 16:30
4-Bromofluorobenzene	98.0			85.0-115	%	1	07/8/2011 16:30
Toluene d8	100			82.0-117	%	1	07/8/2011 16:30

Batch Information

Analytical Batch: **VMS1361**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**
Analytical Date/Time: **07/08/2011 16:30**

Prep Batch: **VXX1741**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/08/2011 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

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Results of **IDW-Soil**

Client Sample ID: **IDW-Soil**
Client Project ID: **6010**
Lab Sample ID: 31101710014-A
Lab Project ID: 31101710

Collection Date: 06/28/2011 12:10
Received Date: 06/30/2011 13:45
Matrix: Soil-Solid as dry weight
Solids (%): 75

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	U	4.42	42.5	ug/Kg	50	07/8/2011 20:19
1,1,1-Trichloroethane	ND	U	5.23	42.5	ug/Kg	50	07/8/2011 20:19
1,1,2,2-Tetrachloroethane	ND	U	6.64	42.5	ug/Kg	50	07/8/2011 20:19
1,1,2-Trichloroethane	ND	U	5.36	42.5	ug/Kg	50	07/8/2011 20:19
1,1-Dichloroethane	ND	U	7.02	42.5	ug/Kg	50	07/8/2011 20:19
1,1-Dichloroethene	ND	U	9.02	42.5	ug/Kg	50	07/8/2011 20:19
1,1-Dichloropropene	ND	U	3.67	42.5	ug/Kg	50	07/8/2011 20:19
1,2,3-Trichlorobenzene	ND	U	4.68	42.5	ug/Kg	50	07/8/2011 20:19
1,2,3-Trichloropropane	ND	U	9.02	42.5	ug/Kg	50	07/8/2011 20:19
1,2,4-Trichlorobenzene	ND	U	3.88	42.5	ug/Kg	50	07/8/2011 20:19
1,2,4-Trimethylbenzene	ND	U	4.09	42.5	ug/Kg	50	07/8/2011 20:19
1,2-Dibromo-3-chloropropane	ND	U	31.8	213	ug/Kg	50	07/8/2011 20:19
1,2-Dibromoethane	ND	U	5.11	42.5	ug/Kg	50	07/8/2011 20:19
1,2-Dichlorobenzene	ND	U	5.83	42.5	ug/Kg	50	07/8/2011 20:19
1,2-Dichloroethane	ND	U	7.10	42.5	ug/Kg	50	07/8/2011 20:19
1,2-Dichloropropane	ND	U	6.93	42.5	ug/Kg	50	07/8/2011 20:19
1,3,5-Trimethylbenzene	ND	U	4.81	42.5	ug/Kg	50	07/8/2011 20:19
1,3-Dichlorobenzene	ND	U	4.38	42.5	ug/Kg	50	07/8/2011 20:19
1,3-Dichloropropane	ND	U	5.53	42.5	ug/Kg	50	07/8/2011 20:19
1,4-Dichlorobenzene	ND	U	5.53	42.5	ug/Kg	50	07/8/2011 20:19
2,2-Dichloropropane	ND	U	16.7	42.5	ug/Kg	50	07/8/2011 20:19
2-Butanone	ND	U	30.8	1060	ug/Kg	50	07/8/2011 20:19
2-Chlorotoluene	ND	U	4.81	42.5	ug/Kg	50	07/8/2011 20:19
2-Hexanone	ND	U	31.0	213	ug/Kg	50	07/8/2011 20:19
4-Chlorotoluene	ND	U	5.32	42.5	ug/Kg	50	07/8/2011 20:19
4-Isopropyltoluene	**6.38**	J	3.27	42.5	ug/Kg	50	07/8/2011 20:19
4-Methyl-2-pentanone	ND	U	23.7	213	ug/Kg	50	07/8/2011 20:19
Acetone	ND	U	36.8	1060	ug/Kg	50	07/8/2011 20:19
Benzene	ND	U	4.81	42.5	ug/Kg	50	07/8/2011 20:19
Bromobenzene	ND	U	4.68	42.5	ug/Kg	50	07/8/2011 20:19
Bromochloromethane	ND	U	8.98	42.5	ug/Kg	50	07/8/2011 20:19
Bromodichloromethane	ND	U	4.68	42.5	ug/Kg	50	07/8/2011 20:19
Bromoform	ND	U	4.14	42.5	ug/Kg	50	07/8/2011 20:19
Bromomethane	ND	U	10.1	42.5	ug/Kg	50	07/8/2011 20:19
n-Butylbenzene	ND	U	3.27	42.5	ug/Kg	50	07/8/2011 20:19
Carbon disulfide	ND	U	4.51	42.5	ug/Kg	50	07/8/2011 20:19
Carbon tetrachloride	ND	U	4.30	42.5	ug/Kg	50	07/8/2011 20:19
Chlorobenzene	ND	U	4.94	42.5	ug/Kg	50	07/8/2011 20:19
Chloroethane	ND	U	13.2	42.5	ug/Kg	50	07/8/2011 20:19
Chloroform	ND	U	5.91	42.5	ug/Kg	50	07/8/2011 20:19
Chloromethane	ND	U	19.1	42.5	ug/Kg	50	07/8/2011 20:19
Dibromochloromethane	ND	U	5.70	42.5	ug/Kg	50	07/8/2011 20:19
Dibromomethane	ND	U	7.15	42.5	ug/Kg	50	07/8/2011 20:19

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Results of **IDW-Soil**

Client Sample ID: **IDW-Soil**
Client Project ID: **6010**
Lab Sample ID: 31101710014-A
Lab Project ID: 31101710

Collection Date: 06/28/2011 12:10
Received Date: 06/30/2011 13:45
Matrix: Soil-Solid as dry weight
Solids (%): 75

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	U	7.27	213	ug/Kg	50	07/8/2011 20:19
cis-1,3-Dichloropropene	ND	U	3.26	42.5	ug/Kg	50	07/8/2011 20:19
trans-1,3-Dichloropropene	ND	U	3.67	42.5	ug/Kg	50	07/8/2011 20:19
Diisopropyl Ether	ND	U	12.5	42.5	ug/Kg	50	07/8/2011 20:19
Ethyl Benzene	ND	U	3.73	42.5	ug/Kg	50	07/8/2011 20:19
Hexachlorobutadiene	ND	U	3.37	42.5	ug/Kg	50	07/8/2011 20:19
Isopropylbenzene (Cumene)	ND	U	3.70	42.5	ug/Kg	50	07/8/2011 20:19
Methyl iodide	ND	U	4.89	42.5	ug/Kg	50	07/8/2011 20:19
Methylene chloride	**12.3**	JB	6.47	213	ug/Kg	50	07/8/2011 20:19
Naphthalene	ND	U	3.64	42.5	ug/Kg	50	07/8/2011 20:19
Styrene	ND	U	4.34	42.5	ug/Kg	50	07/8/2011 20:19
Tetrachloroethene	ND	U	6.59	42.5	ug/Kg	50	07/8/2011 20:19
Toluene	**431**		5.66	42.5	ug/Kg	50	07/8/2011 20:19
Trichloroethene	ND	U	5.32	42.5	ug/Kg	50	07/8/2011 20:19
Trichlorofluoromethane	ND	U	5.83	42.5	ug/Kg	50	07/8/2011 20:19
Vinyl chloride	ND	U	5.28	42.5	ug/Kg	50	07/8/2011 20:19
cis-1,2-Dichloroethene	ND	U	5.79	42.5	ug/Kg	50	07/8/2011 20:19
m,p-Xylene	ND	U	7.74	85.1	ug/Kg	50	07/8/2011 20:19
n-Propylbenzene	ND	U	4.81	42.5	ug/Kg	50	07/8/2011 20:19
o-Xylene	ND	U	3.72	42.5	ug/Kg	50	07/8/2011 20:19
sec-Butylbenzene	ND	U	4.76	42.5	ug/Kg	50	07/8/2011 20:19
tert-Butyl methyl ether (MTBE)	ND	U	6.13	42.5	ug/Kg	50	07/8/2011 20:19
tert-Butylbenzene	ND	U	3.64	42.5	ug/Kg	50	07/8/2011 20:19
trans-1,2-Dichloroethene	ND	U	9.49	42.5	ug/Kg	50	07/8/2011 20:19
trans-1,4-Dichloro-2-butene	ND	U	17.6	213	ug/Kg	50	07/8/2011 20:19
Surrogates							
1,2-Dichloroethane-d4	101			55.0-173	%	50	07/8/2011 20:19
4-Bromofluorobenzene	96.0			23.0-141	%	50	07/8/2011 20:19
Toluene d8	99.0			57.0-134	%	50	07/8/2011 20:19

Batch Information

Analytical Batch: **VMS1361**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**
Analytical Date/Time: **07/08/2011 20:19**

Prep Batch: **VXX1747**
Prep Method: **SW-846 5035 SM**
Prep Date/Time: **07/08/2011 08:00**
Prep Initial Wt./Vol.: **7.84 g**
Prep Extract Vol: **5 mL**

Print Date: 07/15/2011

N.C. Certification # 481

Results of **IDW-Water**

Client Sample ID: **IDW-Water**
Client Project ID: **6010**
Lab Sample ID: 31101710015-A
Lab Project ID: 31101710

Collection Date: 06/28/2011 12:30
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1	07/8/2011 16:55
1,1,1-Trichloroethane	**0.500**	J	0.123	1.00	ug/L	1	07/8/2011 16:55
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1	07/8/2011 16:55
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1	07/8/2011 16:55
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1	07/8/2011 16:55
1,1-Dichloroethene	**4.30**		0.212	1.00	ug/L	1	07/8/2011 16:55
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1	07/8/2011 16:55
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1	07/8/2011 16:55
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1	07/8/2011 16:55
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1	07/8/2011 16:55
1,2,4-Trimethylbenzene	ND	U	0.0961	1.00	ug/L	1	07/8/2011 16:55
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1	07/8/2011 16:55
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1	07/8/2011 16:55
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1	07/8/2011 16:55
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1	07/8/2011 16:55
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1	07/8/2011 16:55
1,3,5-Trimethylbenzene	ND	U	0.113	1.00	ug/L	1	07/8/2011 16:55
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1	07/8/2011 16:55
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1	07/8/2011 16:55
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1	07/8/2011 16:55
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1	07/8/2011 16:55
2-Butanone	ND	U	0.723	25.0	ug/L	1	07/8/2011 16:55
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1	07/8/2011 16:55
2-Hexanone	ND	U	0.728	5.00	ug/L	1	07/8/2011 16:55
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1	07/8/2011 16:55
4-Isopropyltoluene	ND	U	0.0769	1.00	ug/L	1	07/8/2011 16:55
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1	07/8/2011 16:55
Acetone	ND	U	0.864	25.0	ug/L	1	07/8/2011 16:55
Benzene	ND	U	0.113	1.00	ug/L	1	07/8/2011 16:55
Bromobenzene	ND	U	0.110	1.00	ug/L	1	07/8/2011 16:55
Bromochloromethane	ND	U	0.211	1.00	ug/L	1	07/8/2011 16:55
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1	07/8/2011 16:55
Bromoform	ND	U	0.0974	1.00	ug/L	1	07/8/2011 16:55
Bromomethane	ND	U	0.237	1.00	ug/L	1	07/8/2011 16:55
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1	07/8/2011 16:55
Carbon disulfide	ND	U	0.106	1.00	ug/L	1	07/8/2011 16:55
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1	07/8/2011 16:55
Chlorobenzene	ND	U	0.116	1.00	ug/L	1	07/8/2011 16:55
Chloroethane	ND	U	0.311	1.00	ug/L	1	07/8/2011 16:55
Chloroform	ND	U	0.139	1.00	ug/L	1	07/8/2011 16:55
Chloromethane	ND	U	0.448	1.00	ug/L	1	07/8/2011 16:55
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1	07/8/2011 16:55
Dibromomethane	ND	U	0.168	1.00	ug/L	1	07/8/2011 16:55

Print Date: 07/15/2011

N.C. Certification # 481

Results of **IDW-Water**

Client Sample ID: **IDW-Water**
Client Project ID: **6010**
Lab Sample ID: 31101710015-A
Lab Project ID: 31101710

Collection Date: 06/28/2011 12:30
Received Date: 06/30/2011 13:45
Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1	07/8/2011 16:55
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1	07/8/2011 16:55
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1	07/8/2011 16:55
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1	07/8/2011 16:55
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1	07/8/2011 16:55
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1	07/8/2011 16:55
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1	07/8/2011 16:55
Methyl iodide	ND	U	0.115	1.00	ug/L	1	07/8/2011 16:55
Methylene chloride	ND	U	0.152	5.00	ug/L	1	07/8/2011 16:55
Naphthalene	ND	U	0.0855	1.00	ug/L	1	07/8/2011 16:55
Styrene	ND	U	0.102	1.00	ug/L	1	07/8/2011 16:55
Tetrachloroethene	**9.52**		0.155	1.00	ug/L	1	07/8/2011 16:55
Toluene	ND	U	0.133	1.00	ug/L	1	07/8/2011 16:55
Trichloroethene	**3.35**		0.125	1.00	ug/L	1	07/8/2011 16:55
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1	07/8/2011 16:55
Vinyl chloride	ND	U	0.124	1.00	ug/L	1	07/8/2011 16:55
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1	07/8/2011 16:55
m,p-Xylene	ND	U	0.182	2.00	ug/L	1	07/8/2011 16:55
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1	07/8/2011 16:55
o-Xylene	ND	U	0.0874	1.00	ug/L	1	07/8/2011 16:55
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1	07/8/2011 16:55
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1	07/8/2011 16:55
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1	07/8/2011 16:55
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1	07/8/2011 16:55
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1	07/8/2011 16:55
Surrogates							
1,2-Dichloroethane-d4	101			64.0-140	%	1	07/8/2011 16:55
4-Bromofluorobenzene	98.0			85.0-115	%	1	07/8/2011 16:55
Toluene d8	100			82.0-117	%	1	07/8/2011 16:55

Batch Information

Analytical Batch: **VMS1361**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**
Analytical Date/Time: **07/08/2011 16:55**

Prep Batch: **VXX1741**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/08/2011 08:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 07/15/2011

N.C. Certification # 481

Batch Summary

Analytical Method: SW-846 8260B

Prep Method: SW-846 5030B
Prep Batch: VXX1732
Prep Date: 07/07/2011 08:29

Client Sample ID	Lab Sample ID	Analysis Date	Instrument	Analyst
LCS for HBN 8112 [VXX/1732]	29875	07/07/2011 13:21	MSD3	BWS
LCSD for HBN 8112 [VXX/1732]	29876	07/07/2011 13:46	MSD3	BWS
MB for HBN 8112 [VXX/1732]	29877	07/07/2011 14:36	MSD3	BWS
Trip Blank	31101710006	07/07/2011 15:01	MSD3	BWS
FB-1	31101710003	07/07/2011 15:26	MSD3	BWS
RB-1	31101710004	07/07/2011 15:50	MSD3	BWS
AMW-12S	31101710001	07/07/2011 16:15	MSD3	BWS
AMW-11S	31101710002	07/07/2011 16:40	MSD3	BWS
Dup-1	31101710005	07/07/2011 17:06	MSD3	BWS
MW-14	31101710007	07/07/2011 17:31	MSD3	BWS
MW-15	31101710008	07/07/2011 17:56	MSD3	BWS
MW-13	31101710009	07/07/2011 18:21	MSD3	BWS
3-IW-1 MS	31101659037	07/07/2011 23:19	MSD3	BWS
3-IW-1 MSD	31101659038	07/07/2011 23:44	MSD3	BWS

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Method Blank Summary

Blank ID: MB for HBN 8112 [VXX/1732] Matrix: Water
Blank Lab ID: 29877
QC for Samples:
31101710001,31101710002,31101710003,31101710005,31101710007,31101710009,31101710008,31101710006,31101710004

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1
Chloromethane	ND	U	0.448	1.00	ug/L	1
Vinyl chloride	ND	U	0.124	1.00	ug/L	1
Bromomethane	ND	U	0.237	1.00	ug/L	1
Chloroethane	ND	U	0.311	1.00	ug/L	1
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1
1,1-Dichloroethene	ND	U	0.212	1.00	ug/L	1
Acetone	ND	U	0.864	25.0	ug/L	1
Methylene chloride	ND	U	0.152	5.00	ug/L	1
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1
2-Butanone	ND	U	0.723	25.0	ug/L	1
Bromochloromethane	ND	U	0.211	1.00	ug/L	1
Chloroform	ND	U	0.139	1.00	ug/L	1
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1
Benzene	ND	U	0.113	1.00	ug/L	1
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1
Trichloroethene	ND	U	0.125	1.00	ug/L	1
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1
Dibromomethane	ND	U	0.168	1.00	ug/L	1
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1
Toluene	ND	U	0.133	1.00	ug/L	1
Methyl iodide	ND	U	0.115	1.00	ug/L	1
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1
Carbon disulfide	ND	U	0.106	1.00	ug/L	1
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1
2-Hexanone	ND	U	0.728	5.00	ug/L	1
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1
Chlorobenzene	ND	U	0.116	1.00	ug/L	1
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1
Bromoform	ND	U	0.0974	1.00	ug/L	1

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Method Blank Summary

Blank ID: MB for HBN 8112 [VXX/1732] Matrix: Water
Blank Lab ID: 29877
QC for Samples:
31101710001,31101710002,31101710003,31101710005,31101710007,31101710009,31101710008,31101710006,31101710004

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF
Bromobenzene	ND	U	0.110	1.00	ug/L	1
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1
m,p-Xylene	ND	U	0.182	2.00	ug/L	1
Styrene	ND	U	0.102	1.00	ug/L	1
o-Xylene	ND	U	0.0874	1.00	ug/L	1
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1
1,3,5-Trimethylbenzene	ND	U	0.113	1.00	ug/L	1
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1
1,2,4-Trimethylbenzene	ND	U	0.0961	1.00	ug/L	1
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1
4-Isopropyltoluene	ND	U	0.0769	1.00	ug/L	1
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1
Naphthalene	ND	U	0.0855	1.00	ug/L	1
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1
Surrogates						
1,2-Dichloroethane-d4	105			64.0-140	%	1
Toluene d8	105			82.0-117	%	1
4-Bromofluorobenzene	99.0			85.0-115	%	1

Batch Information

Analytical Batch: **VMS1355**
Analytical Method: **SW-846 8260B**
Instrument: **MSD3**
Analyst: **BWS**
Analytical Date/Time: **07/07/2011 14:36**

Prep Batch: **VXX1732**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/07/2011 08:29**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 07/15/2011 N.C. Certification # 481

Blank Spike Summary

Blank Spike ID: LCS for HBN 8112 [VXX/1732]
Blank Spike Lab ID: 29875
Date Analyzed: 07/07/2011 13:21

Spike Duplicate ID: LCSD for HBN 8112 [VXX/1732]
Spike Duplicate Lab ID: 29876
Date Analyzed: 07/07/2011 13:46
Matrix: Water

QC for Samples: 31101710001,31101710002,31101710003,31101710005,31101710007,31101710009,31101710008,31101710006,31101710004

Results by **SW-846 8260B**

	Blank Spike (ug/L)			Spike Duplicate (ug/L)					
Parameter	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
Dichlorodifluoromethane	5	6.76	135	5	6.37	127	33.0-170	5.9	30.00
Chloromethane	5	5.67	113	5	5.45	109	57.0-132	4.0	30.00
Vinyl chloride	5	6.02	120	5	5.79	116	59.0-138	3.9	30.00
Bromomethane	5	5.99	120	5	5.81	116	51.0-134	3.1	30.00
Chloroethane	5	6.29	126	5	5.71	114	64.0-145	9.7	30.00
Trichlorofluoromethane	5	6.27	125	5	6.02	120	64.0-133	4.1	30.00
1,1-Dichloroethene	5	5.63	113	5	5.53	111	71.0-128	1.8	30.00
Acetone	25	31.7	127	25	30.2	121	52.0-140	4.8	30.00
Methylene chloride	5	5.63	113	5	5.48	110	70.0-113	2.7	30.00
trans-1,2-Dichloroethene	5	5.68	114	5	5.57	111	57.0-138	2.0	30.00
tert-Butyl methyl ether (MTBE)	5	5.59	112	5	5.57	111	47.0-142	0.36	30.00
1,1-Dichloroethane	5	5.19	104	5	5.16	103	68.0-133	0.58	30.00
Diisopropyl Ether	5	5.22	104	5	5.05	101	66.0-132	3.3	30.00
2,2-Dichloropropane	5	5.25	105	5	5.11	102	74.0-125	2.7	30.00
cis-1,2-Dichloroethene	5	4.85	97	5	4.93	99	73.0-128	1.6	30.00
2-Butanone	25	24.8	99	25	27.1	108	58.0-134	8.9	30.00
Bromochloromethane	5	5.01	100	5	5.01	100	73.0-128	0.0	30.00
Chloroform	5	5.33	107	5	5.16	103	74.0-124	3.2	30.00
1,1,1-Trichloroethane	5	5.16	103	5	5.06	101	76.0-119	2.0	30.00
Carbon tetrachloride	5	5.02	100	5	4.87	97	75.0-120	3.0	30.00
1,1-Dichloropropene	5	5.06	101	5	5.05	101	76.0-124	0.20	30.00
Benzene	5	5.02	100	5	4.85	97	76.0-124	3.4	30.00
1,2-Dichloroethane	5	5.55	111	5	5.43	109	76.0-119	2.2	30.00
Trichloroethene	5	4.86	97	5	4.81	96	74.0-121	1.0	30.00
1,2-Dichloropropane	5	4.97	99	5	4.96	99	74.0-124	0.20	30.00
Dibromomethane	5	5.16	103	5	5.02	100	71.0-128	2.8	30.00
Bromodichloromethane	5	5.06	101	5	4.95	99	72.0-120	2.2	30.00
cis-1,3-Dichloropropene	5	4.99	100	5	4.81	96	73.0-122	3.7	30.00
4-Methyl-2-pentanone	25	27.9	112	25	26.0	104	65.0-124	7.1	30.00
Toluene	5	5.01	100	5	5.01	100	75.0-123	0.0	30.00
Methyl iodide	5	3.71	74	5	3.88	78	55.0-123	4.5	30.00
trans-1,3-Dichloropropene	5	5.24	105	5	5.03	101	70.0-125	4.1	30.00
Carbon disulfide	5	5.53	111	5	5.51	110	65.0-132	0.36	30.00
1,1,2-Trichloroethane	5	4.80	96	5	4.80	96	76.0-121	0.0	30.00
Tetrachloroethene	5	4.52	90	5	4.43	89	59.0-112	2.0	30.00

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Blank Spike Summary

Blank Spike ID: LCS for HBN 8112 [VXX/1732]
Blank Spike Lab ID: 29875
Date Analyzed: 07/07/2011 13:21

Spike Duplicate ID: LCSD for HBN 8112 [VXX/1732]
Spike Duplicate Lab ID: 29876
Date Analyzed: 07/07/2011 13:46
Matrix: Water

QC for Samples: 31101710001,31101710002,31101710003,31101710005,31101710007,31101710009,31101710008,31101710006,31101710004

Results by **SW-846 8260B**

	Blank Spike (ug/L)			Spike Duplicate (ug/L)					
Parameter	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
1,3-Dichloropropane	5	4.96	99	5	4.82	96	74.0-120	2.9	30.00
2-Hexanone	25	28.7	115	25	27.4	109	56.0-133	4.6	30.00
Dibromochloromethane	5	4.62	92	5	4.49	90	67.0-122	2.9	30.00
1,2-Dibromoethane	5	4.82	96	5	4.79	96	74.0-119	0.62	30.00
Chlorobenzene	5	4.62	92	5	4.52	90	74.0-120	2.2	30.00
1,1,1,2-Tetrachloroethane	5	4.63	93	5	4.58	92	73.0-119	1.1	30.00
Bromoform	5	4.18	84	5	4.25	85	62.0-127	1.7	30.00
Bromobenzene	5	4.87	97	5	4.74	95	75.0-120	2.7	30.00
1,1,2,2-Tetrachloroethane	5	4.99	100	5	4.78	96	68.0-129	4.3	30.00
1,2,3-Trichloropropane	5	5.02	100	5	4.95	99	67.0-126	1.4	30.00
Ethyl Benzene	5	4.60	92	5	4.61	92	76.0-123	0.22	30.00
m,p-Xylene	10	9.42	94	10	9.39	94	76.0-124	0.32	30.00
Styrene	5	4.66	93	5	4.67	93	76.0-121	0.21	30.00
o-Xylene	5	4.65	93	5	4.66	93	75.0-124	0.21	30.00
Isopropylbenzene (Cumene)	5	4.53	91	5	4.60	92	77.0-120	1.5	30.00
n-Propylbenzene	5	4.66	93	5	4.60	92	77.0-123	1.3	30.00
2-Chlorotoluene	5	4.66	93	5	4.75	95	74.0-127	1.9	30.00
4-Chlorotoluene	5	4.93	99	5	4.91	98	77.0-123	0.41	30.00
1,3,5-Trimethylbenzene	5	4.87	97	5	4.79	96	76.0-122	1.7	30.00
tert-Butylbenzene	5	4.60	92	5	4.54	91	67.0-122	1.3	30.00
1,2,4-Trimethylbenzene	5	4.80	96	5	4.66	93	76.0-124	3.0	30.00
sec-Butylbenzene	5	4.76	95	5	4.70	94	78.0-121	1.3	30.00
1,3-Dichlorobenzene	5	4.81	96	5	4.65	93	75.0-120	3.4	30.00
4-Isopropyltoluene	5	4.75	95	5	4.65	93	77.0-120	2.1	30.00
1,4-Dichlorobenzene	5	4.84	97	5	4.78	96	70.0-125	1.2	30.00
1,2-Dichlorobenzene	5	4.91	98	5	4.80	96	76.0-118	2.3	30.00
n-Butylbenzene	5	4.84	97	5	4.82	96	78.0-118	0.41	30.00
1,2-Dibromo-3-chloropropane	30	29.7	99	30	28.8	96	62.0-130	3.1	30.00
1,2,4-Trichlorobenzene	5	4.65	93	5	4.43	89	72.0-119	4.8	30.00
Hexachlorobutadiene	5	4.60	92	5	4.45	89	69.0-121	3.3	30.00
Naphthalene	5	4.60	92	5	4.34	87	67.0-122	5.8	30.00
trans-1,4-Dichloro-2-butene	25	25.5	102	25	24.6	98	61.0-132	3.6	30.00
1,2,3-Trichlorobenzene	5	4.64	93	5	4.44	89	68.0-123	4.4	30.00

Surrogates

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Blank Spike Summary

Blank Spike ID: LCS for HBN 8112 [VXX/1732]
Blank Spike Lab ID: 29875
Date Analyzed: 07/07/2011 13:21

Spike Duplicate ID: LCSD for HBN 8112 [VXX/1732]
Spike Duplicate Lab ID: 29876
Date Analyzed: 07/07/2011 13:46
Matrix: Water

QC for Samples: 31101710001,31101710002,31101710003,31101710005,31101710007,31101710009,31101710008,31101710006,31101710004

Results by **SW-846 8260B**

	Blank Spike (%)			Spike Duplicate (%)					
Parameter	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
1,2-Dichloroethane-d4			105			102	64.0-140		
Toluene d8			105			106	82.0-117		
4-Bromofluorobenzene			101			102	85.0-115		

Batch Information

Analytical Batch: **VMS1355**
Analytical Method: **SW-846 8260B**
Instrument: **MSD3**
Analyst: **BWS**

Prep Batch: **VXX1732**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/07/2011 08:29**
Spike Init Wt./Vol.: **40 mL** Extract Vol: **40 mL**
Dupe Init Wt./Vol.: **40 mL** Extract Vol: **40 mL**

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Batch Summary

Analytical Method: SW-846 8260B

Prep Method: SW-846 5030B
Prep Batch: VXX1741
Prep Date: 07/08/2011 09:00

Client Sample ID	Lab Sample ID	Analysis Date	Instrument	Analyst
LCS for HBN 8164 [VXX/1741]	30138	07/08/2011 10:08	MSD4	DVO
LCSD for HBN 8164 [VXX/1741]	30139	07/08/2011 10:33	MSD4	DVO
MB for HBN 8164 [VXX/1741]	30140	07/08/2011 11:50	MSD4	DVO
AMW-16S	31101710010	07/08/2011 15:13	MSD4	DVO
APZ-01	31101710011	07/08/2011 15:39	MSD4	DVO
AMW-17S	31101710012	07/08/2011 16:04	MSD4	DVO
AMW-18S	31101710013	07/08/2011 16:30	MSD4	DVO
IDW-Water	31101710015	07/08/2011 16:55	MSD4	DVO
MW-4(29257MS)	30360	07/08/2011 20:44	MSD4	DVO
MW-4(29257MSD)	30361	07/08/2011 21:09	MSD4	DVO

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Method Blank Summary

Blank ID: MB for HBN 8164 [VXX/1741]
Blank Lab ID: 30140
QC for Samples:
31101710010,31101710011,31101710012,31101710015,31101710013

Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF
Dichlorodifluoromethane	ND	U	0.171	5.00	ug/L	1
Chloromethane	ND	U	0.448	1.00	ug/L	1
Vinyl chloride	ND	U	0.124	1.00	ug/L	1
Bromomethane	ND	U	0.237	1.00	ug/L	1
Chloroethane	ND	U	0.311	1.00	ug/L	1
Trichlorofluoromethane	ND	U	0.137	1.00	ug/L	1
1,1-Dichloroethene	ND	U	0.212	1.00	ug/L	1
Acetone	ND	U	0.864	25.0	ug/L	1
Methylene chloride	ND	U	0.152	5.00	ug/L	1
trans-1,2-Dichloroethene	ND	U	0.223	1.00	ug/L	1
tert-Butyl methyl ether (MTBE)	ND	U	0.144	1.00	ug/L	1
1,1-Dichloroethane	ND	U	0.165	1.00	ug/L	1
Diisopropyl Ether	ND	U	0.294	1.00	ug/L	1
2,2-Dichloropropane	ND	U	0.393	1.00	ug/L	1
cis-1,2-Dichloroethene	ND	U	0.136	1.00	ug/L	1
2-Butanone	ND	U	0.723	25.0	ug/L	1
Bromochloromethane	ND	U	0.211	1.00	ug/L	1
Chloroform	ND	U	0.139	1.00	ug/L	1
1,1,1-Trichloroethane	ND	U	0.123	1.00	ug/L	1
Carbon tetrachloride	ND	U	0.101	1.00	ug/L	1
1,1-Dichloropropene	ND	U	0.0863	1.00	ug/L	1
Benzene	ND	U	0.113	1.00	ug/L	1
1,2-Dichloroethane	ND	U	0.167	1.00	ug/L	1
Trichloroethene	ND	U	0.125	1.00	ug/L	1
1,2-Dichloropropane	ND	U	0.163	1.00	ug/L	1
Dibromomethane	ND	U	0.168	1.00	ug/L	1
Bromodichloromethane	ND	U	0.110	1.00	ug/L	1
cis-1,3-Dichloropropene	ND	U	0.0767	1.00	ug/L	1
4-Methyl-2-pentanone	ND	U	0.558	5.00	ug/L	1
Toluene	ND	U	0.133	1.00	ug/L	1
Methyl iodide	ND	U	0.115	1.00	ug/L	1
trans-1,3-Dichloropropene	ND	U	0.0862	1.00	ug/L	1
Carbon disulfide	ND	U	0.106	1.00	ug/L	1
1,1,2-Trichloroethane	ND	U	0.126	1.00	ug/L	1
Tetrachloroethene	ND	U	0.155	1.00	ug/L	1
1,3-Dichloropropane	ND	U	0.130	1.00	ug/L	1
2-Hexanone	ND	U	0.728	5.00	ug/L	1
Dibromochloromethane	ND	U	0.134	1.00	ug/L	1
1,2-Dibromoethane	ND	U	0.120	1.00	ug/L	1
Chlorobenzene	ND	U	0.116	1.00	ug/L	1
1,1,1,2-Tetrachloroethane	ND	U	0.104	1.00	ug/L	1
Bromoform	ND	U	0.0974	1.00	ug/L	1

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Method Blank Summary

Blank ID: MB for HBN 8164 [VXX/1741]
Blank Lab ID: 30140
QC for Samples:
31101710010,31101710011,31101710012,31101710015,31101710013

Matrix: Water

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF
Bromobenzene	ND	U	0.110	1.00	ug/L	1
1,1,2,2-Tetrachloroethane	ND	U	0.156	1.00	ug/L	1
1,2,3-Trichloropropane	ND	U	0.212	1.00	ug/L	1
Ethyl Benzene	ND	U	0.0877	1.00	ug/L	1
m,p-Xylene	ND	U	0.182	2.00	ug/L	1
Styrene	ND	U	0.102	1.00	ug/L	1
o-Xylene	ND	U	0.0874	1.00	ug/L	1
Isopropylbenzene (Cumene)	ND	U	0.0869	1.00	ug/L	1
n-Propylbenzene	ND	U	0.113	1.00	ug/L	1
2-Chlorotoluene	ND	U	0.113	1.00	ug/L	1
4-Chlorotoluene	ND	U	0.125	1.00	ug/L	1
1,3,5-Trimethylbenzene	ND	U	0.113	1.00	ug/L	1
tert-Butylbenzene	ND	U	0.0855	1.00	ug/L	1
1,2,4-Trimethylbenzene	ND	U	0.0961	1.00	ug/L	1
sec-Butylbenzene	ND	U	0.112	1.00	ug/L	1
1,3-Dichlorobenzene	ND	U	0.103	1.00	ug/L	1
4-Isopropyltoluene	ND	U	0.0769	1.00	ug/L	1
1,4-Dichlorobenzene	ND	U	0.130	1.00	ug/L	1
1,2-Dichlorobenzene	ND	U	0.137	1.00	ug/L	1
n-Butylbenzene	ND	U	0.0769	1.00	ug/L	1
1,2-Dibromo-3-chloropropane	ND	U	0.748	5.00	ug/L	1
1,2,4-Trichlorobenzene	ND	U	0.0913	1.00	ug/L	1
Hexachlorobutadiene	ND	U	0.0792	1.00	ug/L	1
Naphthalene	ND	U	0.0855	1.00	ug/L	1
trans-1,4-Dichloro-2-butene	ND	U	0.414	5.00	ug/L	1
1,2,3-Trichlorobenzene	ND	U	0.110	1.00	ug/L	1
Surrogates						
1,2-Dichloroethane-d4	101			64.0-140	%	1
Toluene d8	99.0			82.0-117	%	1
4-Bromofluorobenzene	98.0			85.0-115	%	1

Batch Information

Analytical Batch: **VMS1361**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**
Analytical Date/Time: **07/08/2011 11:50**

Prep Batch: **VXX1741**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/08/2011 09:00**
Prep Initial Wt./Vol.: **40 mL**
Prep Extract Vol: **40 mL**

Print Date: 07/15/2011

N.C. Certification # 481

Blank Spike Summary

Blank Spike ID: LCS for HBN 8164 [VXX/1741]
Blank Spike Lab ID: 30138
Date Analyzed: 07/08/2011 10:08

Spike Duplicate ID: LCSD for HBN 8164 [VXX/1741]
Spike Duplicate Lab ID: 30139
Date Analyzed: 07/08/2011 10:33
Matrix: Water

QC for Samples: 31101710010,31101710011,31101710012,31101710015,31101710013

Results by **SW-846 8260B**

	Blank Spike (ug/L)			Spike Duplicate (ug/L)					
Parameter	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
Dichlorodifluoromethane	5	6.41	128	5	6.47	129	33.0-170	0.93	30.00
Chloromethane	5	5.51	110	5	5.54	111	57.0-132	0.54	30.00
Vinyl chloride	5	5.31	106	5	5.37	107	59.0-138	1.1	30.00
Bromomethane	5	5.39	108	5	5.21	104	51.0-134	3.4	30.00
Chloroethane	5	5.10	102	5	5.12	102	64.0-145	0.39	30.00
Trichlorofluoromethane	5	5.50	110	5	5.41	108	64.0-133	1.6	30.00
1,1-Dichloroethene	5	5.22	104	5	4.88	98	71.0-128	6.7	30.00
Acetone	25	30.6	122	25	28.1	112	52.0-140	8.5	30.00
Methylene chloride	5	5.07	101	5	4.74	95	70.0-113	6.7	30.00
trans-1,2-Dichloroethene	5	5.06	101	5	4.78	96	57.0-138	5.7	30.00
tert-Butyl methyl ether (MTBE)	5	5.46	109	5	5.14	103	47.0-142	6.0	30.00
1,1-Dichloroethane	5	5.22	104	5	4.88	98	68.0-133	6.7	30.00
Diisopropyl Ether	5	5.33	107	5	4.94	99	66.0-132	7.6	30.00
2,2-Dichloropropane	5	5.73	115	5	5.16	103	74.0-125	10	30.00
cis-1,2-Dichloroethene	5	5.10	102	5	4.67	93	73.0-128	8.8	30.00
2-Butanone	25	28.9	116	25	26.9	107	58.0-134	7.2	30.00
Bromochloromethane	5	5.26	105	5	4.96	99	73.0-128	5.9	30.00
Chloroform	5	5.39	108	5	5.04	101	74.0-124	6.7	30.00
1,1,1-Trichloroethane	5	5.35	107	5	5.02	100	76.0-119	6.4	30.00
Carbon tetrachloride	5	5.55	111	5	5.13	103	75.0-120	7.9	30.00
1,1-Dichloropropene	5	5.10	102	5	4.78	96	76.0-124	6.5	30.00
Benzene	5	5.21	104	5	4.90	98	76.0-124	6.1	30.00
1,2-Dichloroethane	5	5.20	104	5	4.87	97	76.0-119	6.6	30.00
Trichloroethene	5	4.96	99	5	4.81	96	74.0-121	3.1	30.00
1,2-Dichloropropane	5	5.25	105	5	4.94	99	74.0-124	6.1	30.00
Dibromomethane	5	5.36	107	5	4.91	98	71.0-128	8.8	30.00
Bromodichloromethane	5	5.26	105	5	4.88	98	72.0-120	7.5	30.00
cis-1,3-Dichloropropene	5	5.45	109	5	4.97	99	73.0-122	9.2	30.00
4-Methyl-2-pentanone	25	26.8	107	25	24.8	99	65.0-124	7.8	30.00
Toluene	5	5.31	106	5	4.85	97	75.0-123	9.1	30.00
Methyl iodide	5	5.43	109	5	5.07	101	55.0-123	6.9	30.00
trans-1,3-Dichloropropene	5	5.86	117	5	5.27	105	70.0-125	11	30.00
Carbon disulfide	5	5.27	105	5	4.90	98	65.0-132	7.3	30.00
1,1,2-Trichloroethane	5	5.13	103	5	5.02	100	76.0-121	2.2	30.00
Tetrachloroethene	5	5.16	103	5	4.90	98	59.0-112	5.2	30.00

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Blank Spike Summary

Blank Spike ID: LCS for HBN 8164 [VXX/1741]
Blank Spike Lab ID: 30138
Date Analyzed: 07/08/2011 10:08

Spike Duplicate ID: LCSD for HBN 8164 [VXX/1741]
Spike Duplicate Lab ID: 30139
Date Analyzed: 07/08/2011 10:33
Matrix: Water

QC for Samples: 31101710010,31101710011,31101710012,31101710015,31101710013

Results by **SW-846 8260B**

	Blank Spike (ug/L)			Spike Duplicate (ug/L)					
Parameter	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
1,3-Dichloropropane	5	5.09	102	5	4.85	97	74.0-120	4.8	30.00
2-Hexanone	25	29.0	116	25	26.4	106	56.0-133	9.4	30.00
Dibromochloromethane	5	5.92	118	5	5.65	113	67.0-122	4.7	30.00
1,2-Dibromoethane	5	5.45	109	5	4.99	100	74.0-119	8.8	30.00
Chlorobenzene	5	5.08	102	5	4.87	97	74.0-120	4.2	30.00
1,1,1,2-Tetrachloroethane	5	6.19	**124***	5	5.56	111	73.0-119	11	30.00
Bromoform	5	5.96	119	5	5.62	112	62.0-127	5.9	30.00
Bromobenzene	5	5.09	102	5	4.86	97	75.0-120	4.6	30.00
1,1,2,2-Tetrachloroethane	5	5.38	108	5	5.04	101	68.0-129	6.5	30.00
1,2,3-Trichloropropane	5	5.34	107	5	5.09	102	67.0-126	4.8	30.00
Ethyl Benzene	5	5.12	102	5	4.88	98	76.0-123	4.8	30.00
m,p-Xylene	10	10.5	105	10	9.93	99	76.0-124	5.6	30.00
Styrene	5	5.29	106	5	4.89	98	76.0-121	7.9	30.00
o-Xylene	5	5.26	105	5	4.88	98	75.0-124	7.5	30.00
Isopropylbenzene (Cumene)	5	5.30	106	5	4.97	99	77.0-120	6.4	30.00
n-Propylbenzene	5	5.40	108	5	5.00	100	77.0-123	7.7	30.00
2-Chlorotoluene	5	5.33	107	5	4.89	98	74.0-127	8.6	30.00
4-Chlorotoluene	5	5.39	108	5	5.13	103	77.0-123	4.9	30.00
1,3,5-Trimethylbenzene	5	5.26	105	5	4.90	98	76.0-122	7.1	30.00
tert-Butylbenzene	5	5.19	104	5	4.85	97	67.0-122	6.8	30.00
1,2,4-Trimethylbenzene	5	5.28	106	5	4.95	99	76.0-124	6.5	30.00
sec-Butylbenzene	5	5.30	106	5	5.00	100	78.0-121	5.8	30.00
1,3-Dichlorobenzene	5	5.32	106	5	4.92	98	75.0-120	7.8	30.00
4-Isopropyltoluene	5	5.28	106	5	4.92	98	77.0-120	7.1	30.00
1,4-Dichlorobenzene	5	5.26	105	5	4.88	98	70.0-125	7.5	30.00
1,2-Dichlorobenzene	5	5.24	105	5	5.00	100	76.0-118	4.7	30.00
n-Butylbenzene	5	5.29	106	5	4.87	97	78.0-118	8.3	30.00
1,2-Dibromo-3-chloropropane	30	36.3	121	30	32.2	107	62.0-130	12	30.00
1,2,4-Trichlorobenzene	5	5.19	104	5	4.80	96	72.0-119	7.8	30.00
Hexachlorobutadiene	5	5.15	103	5	4.81	96	69.0-121	6.8	30.00
Naphthalene	5	5.24	105	5	5.01	100	67.0-122	4.5	30.00
trans-1,4-Dichloro-2-butene	25	28.0	112	25	25.2	101	61.0-132	11	30.00
1,2,3-Trichlorobenzene	5	5.27	105	5	4.89	98	68.0-123	7.5	30.00

Surrogates

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Blank Spike Summary

Blank Spike ID: LCS for HBN 8164 [VXX/1741]
Blank Spike Lab ID: 30138
Date Analyzed: 07/08/2011 10:08

Spike Duplicate ID: LCSD for HBN 8164 [VXX/1741]
Spike Duplicate Lab ID: 30139
Date Analyzed: 07/08/2011 10:33
Matrix: Water

QC for Samples: 31101710010,31101710011,31101710012,31101710015,31101710013

Results by **SW-846 8260B**

	Blank Spike (%)			Spike Duplicate (%)					
Parameter	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
1,2-Dichloroethane-d4			100			100	64.0-140		
Toluene d8			100			100	82.0-117		
4-Bromofluorobenzene			98			100	85.0-115		

Batch Information

Analytical Batch: **VMS1361**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**

Prep Batch: **VXX1741**
Prep Method: **SW-846 5030B**
Prep Date/Time: **07/08/2011 09:00**
Spike Init Wt./Vol.: **40 mL** Extract Vol: **40 mL**
Dupe Init Wt./Vol.: **40 mL** Extract Vol: **40 mL**

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Batch Summary

Analytical Method: SW-846 8260B

Prep Method: SW-846 5035 SM
Prep Batch: VXX1747
Prep Date: 07/08/2011 08:00

Client Sample ID	Lab Sample ID	Analysis Date	Instrument	Analyst
LCS-S for HBN 8234 [VXX/1747]	30363	07/08/2011 10:08	MSD4	DVO
LCSD-S for HBN 8234 [VXX/1747]	30364	07/08/2011 10:33	MSD4	DVO
MB-S for HBN 8234 [VXX/1747]	30362	07/08/2011 12:15	MSD4	DVO
IDW-Soil	31101710014	07/08/2011 20:19	MSD4	DVO

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Method Blank Summary

Blank ID: MB-S for HBN 8234 [VXX/1747]
Blank Lab ID: 30362
QC for Samples:
31101710014

Matrix: Soil-Solid as dry weight

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF
Dichlorodifluoromethane	ND	U	8.55	250	ug/Kg	50
Chloromethane	ND	U	22.4	50.0	ug/Kg	50
Vinyl chloride	ND	U	6.20	50.0	ug/Kg	50
Bromomethane	ND	U	11.9	50.0	ug/Kg	50
Chloroethane	ND	U	15.6	50.0	ug/Kg	50
Trichlorofluoromethane	ND	U	6.85	50.0	ug/Kg	50
1,1-Dichloroethene	ND	U	10.6	50.0	ug/Kg	50
Acetone	ND	U	43.2	1250	ug/Kg	50
Methylene chloride	**40.0**	J	7.60	250	ug/Kg	50
trans-1,2-Dichloroethene	ND	U	11.2	50.0	ug/Kg	50
tert-Butyl methyl ether (MTBE)	ND	U	7.20	50.0	ug/Kg	50
1,1-Dichloroethane	ND	U	8.25	50.0	ug/Kg	50
Diisopropyl Ether	ND	U	14.7	50.0	ug/Kg	50
2,2-Dichloropropane	ND	U	19.7	50.0	ug/Kg	50
cis-1,2-Dichloroethene	ND	U	6.80	50.0	ug/Kg	50
2-Butanone	ND	U	36.2	1250	ug/Kg	50
Bromochloromethane	ND	U	10.6	50.0	ug/Kg	50
Chloroform	ND	U	6.95	50.0	ug/Kg	50
1,1,1-Trichloroethane	ND	U	6.15	50.0	ug/Kg	50
Carbon tetrachloride	ND	U	5.05	50.0	ug/Kg	50
1,1-Dichloropropene	ND	U	4.32	50.0	ug/Kg	50
Benzene	ND	U	5.65	50.0	ug/Kg	50
1,2-Dichloroethane	ND	U	8.35	50.0	ug/Kg	50
Trichloroethene	ND	U	6.25	50.0	ug/Kg	50
1,2-Dichloropropane	ND	U	8.15	50.0	ug/Kg	50
Dibromomethane	ND	U	8.40	50.0	ug/Kg	50
Bromodichloromethane	ND	U	5.50	50.0	ug/Kg	50
cis-1,3-Dichloropropene	ND	U	3.84	50.0	ug/Kg	50
4-Methyl-2-pentanone	ND	U	27.9	250	ug/Kg	50
Toluene	ND	U	6.65	50.0	ug/Kg	50
Methyl iodide	ND	U	5.75	50.0	ug/Kg	50
trans-1,3-Dichloropropene	ND	U	4.31	50.0	ug/Kg	50
Carbon disulfide	ND	U	5.30	50.0	ug/Kg	50
1,1,2-Trichloroethane	ND	U	6.30	50.0	ug/Kg	50
Tetrachloroethene	ND	U	7.75	50.0	ug/Kg	50
1,3-Dichloropropane	ND	U	6.50	50.0	ug/Kg	50
2-Hexanone	ND	U	36.4	250	ug/Kg	50
Dibromochloromethane	ND	U	6.70	50.0	ug/Kg	50
1,2-Dibromoethane	ND	U	6.00	50.0	ug/Kg	50
Chlorobenzene	ND	U	5.80	50.0	ug/Kg	50
1,1,1,2-Tetrachloroethane	ND	U	5.20	50.0	ug/Kg	50
Bromoform	ND	U	4.87	50.0	ug/Kg	50

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Method Blank Summary

Blank ID: MB-S for HBN 8234 [VXX/1747]
Blank Lab ID: 30362
QC for Samples:
31101710014

Matrix: Soil-Solid as dry weight

Results by **SW-846 8260B**

Parameter	Result	Qual	DL	LOQ/CL	Units	DF
Bromobenzene	ND	U	5.50	50.0	ug/Kg	50
1,1,2,2-Tetrachloroethane	ND	U	7.80	50.0	ug/Kg	50
1,2,3-Trichloropropane	ND	U	10.6	50.0	ug/Kg	50
Ethyl Benzene	ND	U	4.39	50.0	ug/Kg	50
m,p-Xylene	ND	U	9.10	100	ug/Kg	50
Styrene	ND	U	5.10	50.0	ug/Kg	50
o-Xylene	ND	U	4.37	50.0	ug/Kg	50
Isopropylbenzene (Cumene)	ND	U	4.35	50.0	ug/Kg	50
n-Propylbenzene	ND	U	5.65	50.0	ug/Kg	50
2-Chlorotoluene	ND	U	5.65	50.0	ug/Kg	50
4-Chlorotoluene	ND	U	6.25	50.0	ug/Kg	50
1,3,5-Trimethylbenzene	ND	U	5.65	50.0	ug/Kg	50
tert-Butylbenzene	ND	U	4.28	50.0	ug/Kg	50
1,2,4-Trimethylbenzene	ND	U	4.81	50.0	ug/Kg	50
sec-Butylbenzene	ND	U	5.60	50.0	ug/Kg	50
1,3-Dichlorobenzene	ND	U	5.15	50.0	ug/Kg	50
4-Isopropyltoluene	ND	U	3.85	50.0	ug/Kg	50
1,4-Dichlorobenzene	ND	U	6.50	50.0	ug/Kg	50
1,2-Dichlorobenzene	ND	U	6.85	50.0	ug/Kg	50
n-Butylbenzene	ND	U	3.85	50.0	ug/Kg	50
1,2-Dibromo-3-chloropropane	ND	U	37.4	250	ug/Kg	50
1,2,4-Trichlorobenzene	ND	U	4.57	50.0	ug/Kg	50
Hexachlorobutadiene	ND	U	3.96	50.0	ug/Kg	50
Naphthalene	ND	U	4.28	50.0	ug/Kg	50
trans-1,4-Dichloro-2-butene	ND	U	20.7	250	ug/Kg	50
1,2,3-Trichlorobenzene	ND	U	5.50	50.0	ug/Kg	50
Surrogates						
1,2-Dichloroethane-d4	100			55.0-173	%	50
Toluene d8	99.0			57.0-134	%	50
4-Bromofluorobenzene	98.0			23.0-141	%	50

Batch Information

Analytical Batch: **VMS1361**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**
Analytical Date/Time: **07/08/2011 12:15**

Prep Batch: **VXX1747**
Prep Method: **SW-846 5035 SM**
Prep Date/Time: **07/08/2011 08:00**
Prep Initial Wt./Vol.: **5 g**
Prep Extract Vol: **5 mL**

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Blank Spike Summary

Blank Spike ID: LCS-S for HBN 8234 [VXX/1747]
Blank Spike Lab ID: 30363
Date Analyzed: 07/08/2011 10:08

Spike Duplicate ID: LCSD-S for HBN 8234 [VXX/1747]
Spike Duplicate Lab ID: 30364
Matrix: Soil-Solid as dry weight

QC for Samples: 31101710014

Results by **SW-846 8260B**

	Blank Spike (ug/Kg)			Spike Duplicate (ug/Kg)					
Parameter	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
Dichlorodifluoromethane	5	6.41	128	5	6.47	129	70.0-130	0.93	30.00
Chloromethane	5	5.51	110	5	5.54	111	70.0-130	0.54	30.00
Vinyl chloride	5	5.31	106	5	5.37	107	70.0-130	1.1	30.00
Bromomethane	5	5.39	108	5	5.21	104	70.0-130	3.4	30.00
Chloroethane	5	5.10	102	5	5.12	102	70.0-130	0.39	30.00
Trichlorofluoromethane	5	5.50	110	5	5.41	108	70.0-130	1.6	30.00
1,1-Dichloroethene	5	5.22	104	5	4.88	98	70.0-130	6.7	30.00
Acetone	25	30.6	122	25	28.1	112	70.0-130	8.5	30.00
Methylene chloride	5	5.07	101	5	4.74	95	70.0-130	6.7	30.00
trans-1,2-Dichloroethene	5	5.06	101	5	4.78	96	70.0-130	5.7	30.00
tert-Butyl methyl ether (MTBE)	5	5.46	109	5	5.14	103	70.0-130	6.0	30.00
1,1-Dichloroethane	5	5.22	104	5	4.88	98	70.0-130	6.7	30.00
Diisopropyl Ether	5	5.33	107	5	4.94	99	70.0-130	7.6	30.00
2,2-Dichloropropane	5	5.73	115	5	5.16	103	70.0-130	10	30.00
cis-1,2-Dichloroethene	5	5.10	102	5	4.67	93	70.0-130	8.8	30.00
2-Butanone	25	28.9	116	25	26.9	107	70.0-130	7.2	30.00
Bromochloromethane	5	5.26	105	5	4.96	99	70.0-130	5.9	30.00
Chloroform	5	5.39	108	5	5.04	101	70.0-130	6.7	30.00
1,1,1-Trichloroethane	5	5.35	107	5	5.02	100	70.0-130	6.4	30.00
Carbon tetrachloride	5	5.55	111	5	5.13	103	70.0-130	7.9	30.00
1,1-Dichloropropene	5	5.10	102	5	4.78	96	70.0-130	6.5	30.00
Benzene	5	5.21	104	5	4.90	98	70.0-130	6.1	30.00
1,2-Dichloroethane	5	5.20	104	5	4.87	97	70.0-130	6.6	30.00
Trichloroethene	5	4.96	99	5	4.81	96	70.0-130	3.1	30.00
1,2-Dichloropropane	5	5.25	105	5	4.94	99	70.0-130	6.1	30.00
Dibromomethane	5	5.36	107	5	4.91	98	70.0-130	8.8	30.00
Bromodichloromethane	5	5.26	105	5	4.88	98	70.0-130	7.5	30.00
cis-1,3-Dichloropropene	5	5.45	109	5	4.97	99	70.0-130	9.2	30.00
4-Methyl-2-pentanone	25	26.8	107	25	24.8	99	70.0-130	7.8	30.00
Toluene	5	5.31	106	5	4.85	97	70.0-130	9.1	30.00
Methyl iodide	5	5.43	109	5	5.07	101	70.0-130	6.9	30.00
trans-1,3-Dichloropropene	5	5.86	117	5	5.27	105	70.0-130	11	30.00
Carbon disulfide	5	5.27	105	5	4.90	98	70.0-130	7.3	30.00
1,1,2-Trichloroethane	5	5.13	103	5	5.02	100	70.0-130	2.2	30.00
Tetrachloroethene	5	5.16	103	5	4.90	98	70.0-130	5.2	30.00

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Blank Spike Summary

Blank Spike ID: LCS-S for HBN 8234 [VXX/1747]
Blank Spike Lab ID: 30363
Date Analyzed: 07/08/2011 10:08

Spike Duplicate ID: LCSD-S for HBN 8234 [VXX/1747]
Spike Duplicate Lab ID: 30364
Matrix: Soil-Solid as dry weight

QC for Samples: 31101710014

Results by **SW-846 8260B**

	Blank Spike (ug/Kg)			Spike Duplicate (ug/Kg)					
Parameter	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
1,3-Dichloropropane	5	5.09	102	5	4.85	97	70.0-130	4.8	30.00
2-Hexanone	25	29.0	116	25	26.4	106	70.0-130	9.4	30.00
Dibromochloromethane	5	5.92	118	5	5.65	113	70.0-130	4.7	30.00
1,2-Dibromoethane	5	5.45	109	5	4.99	100	70.0-130	8.8	30.00
Chlorobenzene	5	5.08	102	5	4.87	97	70.0-130	4.2	30.00
1,1,1,2-Tetrachloroethane	5	6.19	124	5	5.56	111	70.0-130	11	30.00
Bromoform	5	5.96	119	5	5.62	112	70.0-130	5.9	30.00
Bromobenzene	5	5.09	102	5	4.86	97	70.0-130	4.6	30.00
1,1,2,2-Tetrachloroethane	5	5.38	108	5	5.04	101	70.0-130	6.5	30.00
1,2,3-Trichloropropane	5	5.34	107	5	5.09	102	70.0-130	4.8	30.00
Ethyl Benzene	5	5.12	102	5	4.88	98	70.0-130	4.8	30.00
m,p-Xylene	10	10.5	105	10	9.93	99	70.0-130	5.6	30.00
Styrene	5	5.29	106	5	4.89	98	70.0-130	7.9	30.00
o-Xylene	5	5.26	105	5	4.88	98	70.0-130	7.5	30.00
Isopropylbenzene (Cumene)	5	5.30	106	5	4.97	99	70.0-130	6.4	30.00
n-Propylbenzene	5	5.40	108	5	5.00	100	70.0-130	7.7	30.00
2-Chlorotoluene	5	5.33	107	5	4.89	98	70.0-130	8.6	30.00
4-Chlorotoluene	5	5.39	108	5	5.13	103	70.0-130	4.9	30.00
1,3,5-Trimethylbenzene	5	5.26	105	5	4.90	98	70.0-130	7.1	30.00
tert-Butylbenzene	5	5.19	104	5	4.85	97	70.0-130	6.8	30.00
1,2,4-Trimethylbenzene	5	5.28	106	5	4.95	99	70.0-130	6.5	30.00
sec-Butylbenzene	5	5.30	106	5	5.00	100	70.0-130	5.8	30.00
1,3-Dichlorobenzene	5	5.32	106	5	4.92	98	70.0-130	7.8	30.00
4-Isopropyltoluene	5	5.28	106	5	4.92	98	70.0-130	7.1	30.00
1,4-Dichlorobenzene	5	5.26	105	5	4.88	98	70.0-130	7.5	30.00
1,2-Dichlorobenzene	5	5.24	105	5	5.00	100	70.0-130	4.7	30.00
n-Butylbenzene	5	5.29	106	5	4.87	97	70.0-130	8.3	30.00
1,2-Dibromo-3-chloropropane	30	36.3	121	30	32.2	107	70.0-130	12	30.00
1,2,4-Trichlorobenzene	5	5.19	104	5	4.80	96	70.0-130	7.8	30.00
Hexachlorobutadiene	5	5.15	103	5	4.81	96	70.0-130	6.8	30.00
Naphthalene	5	5.24	105	5	5.01	100	70.0-130	4.5	30.00
trans-1,4-Dichloro-2-butene	25	28.0	112	25	25.2	101	70.0-130	11	30.00
1,2,3-Trichlorobenzene	5	5.27	105	5	4.89	98	70.0-130	7.5	30.00

Surrogates

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Blank Spike Summary

Blank Spike ID: LCS-S for HBN 8234 [VXX/1747]
Blank Spike Lab ID: 30363
Date Analyzed: 07/08/2011 10:08

Spike Duplicate ID: LCSD-S for HBN 8234 [VXX/1747]
Spike Duplicate Lab ID: 30364
Matrix: Soil-Solid as dry weight

QC for Samples: 31101710014

Results by **SW-846 8260B**

	Blank Spike (%)			Spike Duplicate (%)					
Parameter	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
1,2-Dichloroethane-d4			100			100	55.0-173		
Toluene d8			100			100	57.0-134		
4-Bromofluorobenzene			98			100	23.0-141		

Batch Information

Analytical Batch: **VMS1361**
Analytical Method: **SW-846 8260B**
Instrument: **MSD4**
Analyst: **DVO**

Prep Batch: **VXX1747**
Prep Method: **SW-846 5035 SM**
Prep Date/Time: **07/08/2011 08:00**
Spike Init Wt./Vol.: **5 g** Extract Vol: **5 mL**
Dupe Init Wt./Vol.: **5 g** Extract Vol: **5 mL**

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(1)

CLIENT: Solutions - IES
CONTACT: Jessica Keener PHONE NO:(919) 873-1060
PROJECT: 6010 SITE/PWSID#:
REPORTS TO: 1101 Nowell Raleigh, NC 27607
jKeener@Solutions-ies.com FAX NO.:( )
INVOICE TO: Solutions-ies QUOTE #:
P.O. NUMBER: 6010

SGS Reference: 31101710

PAGE 1 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	Preservatives Used: HCL	Analysis Required (3): 8260								REMARKS
	AMW-12S	6/27/11	1050	GW	3	G		X								
	AMW-11S		1145		3			X								
	FB-1		1210		3			X								
	RB-1		1220		3			X								
	Dup-1		—		3			X								
	Trip Blank		—	—	2			X								
	MW-14		1255	GW	3			X								
	MW-15		1345		3			X								
	MW-13		1435		3			X								
	AMW-16S	6-28-11	926		3			X								

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
[signature]	6-28-11	1505	[signature]
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:
	6/30/11	13:45	[signature]

(4)

Shipping Carrier:
Shipping Ticket No:
Samples Received Cold? (Circle) YES NO
Temperature°C: 1.1
Special Deliverable Requirements:
Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT
Special Instructions:
Requested Turnaround Time: ☐ RUSH _____ Date Needed ☒ STD

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

White - Retained by Lab
Pink - Retained by Client

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- New York
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(1)

CLIENT: Solutions-ies

CONTACT: Jessica Keener PHONE NO: (919) 873-1060

PROJECT: 6010 SITE/PWSID#:

REPORTS TO: 1101 Nowell Rd Raleigh, NC 27607 jkeener@solutions-ies.com FAX NO.:( )

INVOICE TO: Solutions-IES QUOTE #:

P.O. NUMBER: 6010

SGS Reference: 3110710

PAGE 2 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C=COMP G=GRAB)	Preservatives Used: HCL	Analysis Required (3): 8260	TCLP * VOC'S								REMARKS
	APZ-01	6/28/11	1015	GW	3	G		X									
	AMW-17S		1050					X									
	AMW-18S		1150					X									
	IDW-Soil		1210	soil	8			X	X								
	IDW-Water		1230	GW	3			X									

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
[signature]	6-28-11	1505	[signature]
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:
	6/30/11	13:45	[signature]

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature°C: 1.1

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions: * - Hold TCLP VOC'S

Requested Turnaround Time:

☐ RUSH _____ Date Needed ☒ STD

☐ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
☐ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

White - Retained by Lab
Pink - Retained by Client

SGS North America Inc.

Sample Receipt Checklist (SRC)

Client: **Solutions-IES** Work Order No.: **31101710**

Notes:

1. ___ Shipped
   X Hand Delivered

2. X COC Present on Receipt
   ___ No COC
   ___ Additional Transmittal Forms

3. ___ Custody Tape on Container
   X No Custody Tape

4. X Samples Intact
   ___ Samples Broken / Leaking

5. X Chilled on Receipt Actual Temp.(s) in °C: 1.1
   ___ Ambient on Receipt
   ___ Walk-in on Ice; Coming down to temp.
   ___ Received Outside of Temperature Specifications

6. X Sufficient Sample Submitted
   ___ Insufficient Sample Submitted

7. ___ Chlorine absent
   ___ HNO3 < 2
   ___ HCL < 2
   ___ Additional Preservatives verified (see notes)

8. X Received Within Holding Time
   ___ Not Received Within Holding Time

9. X No Discrepancies Noted
   ___ Discrepancies Noted

10. ___ No Headspace present in VOC vials
    ___ Headspace present in VOC vials >6mm

Comments:

Inspected and Logged in by: JJ

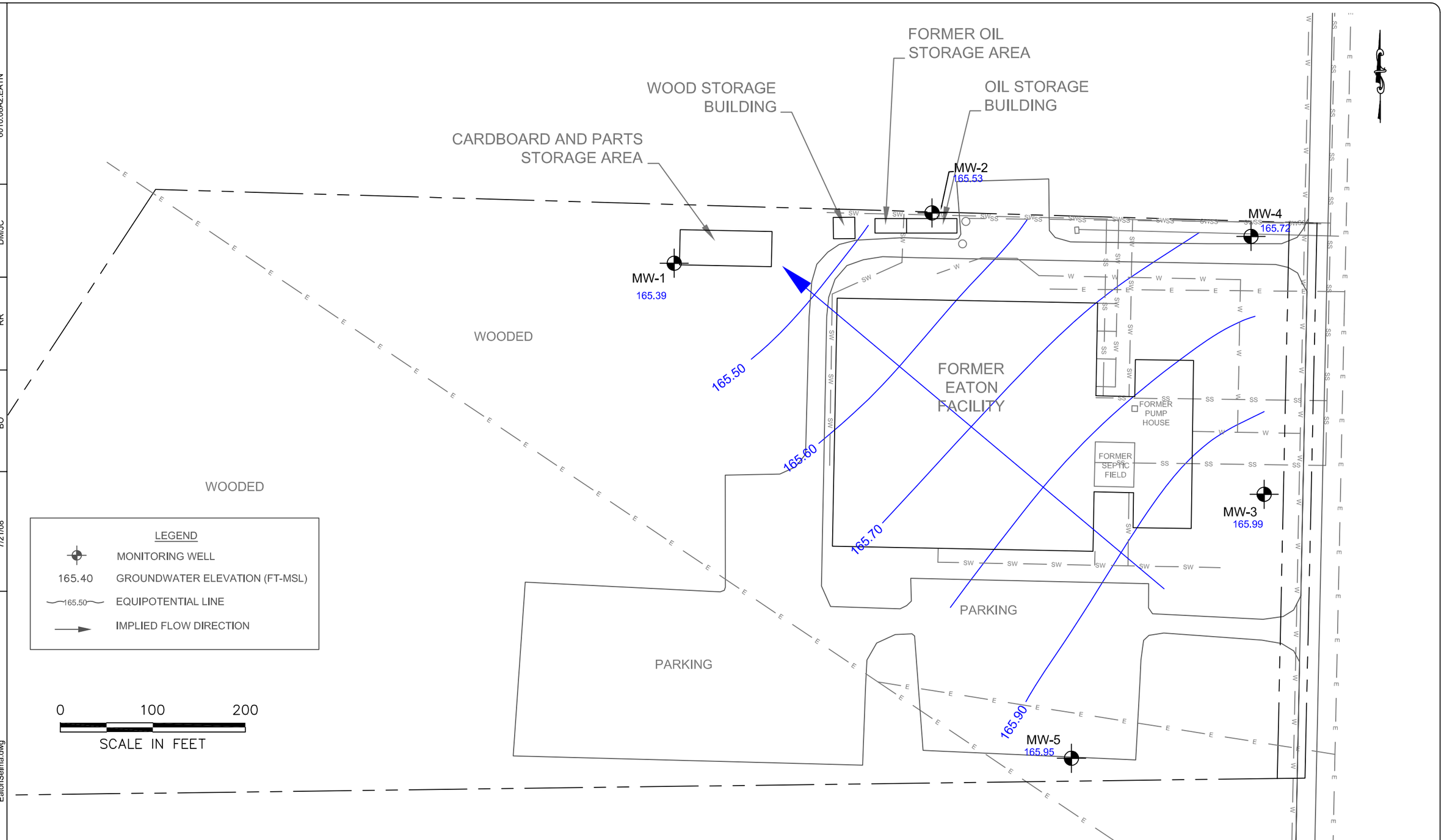
Date: Thu-6/30/11 00:00

MI_11.5

APPENDIX J

HISTORICAL POTENTIOMETRIC SURFACE MAPS

PROJECT NUMBER 6010.08A2.EATN
DRAFTER DMJC
CHECKED BY RR
PROJECT MANAGER BO
DATE 7/21/08
FILE EatonSelma.dwg



Solutions-IES
Industrial & Environmental Services
1101 NOWELL ROAD
RALEIGH, NORTH CAROLINA 27607
TEL.: (919) 873-1060 FAX.: (919) 873-1074

NOTES:

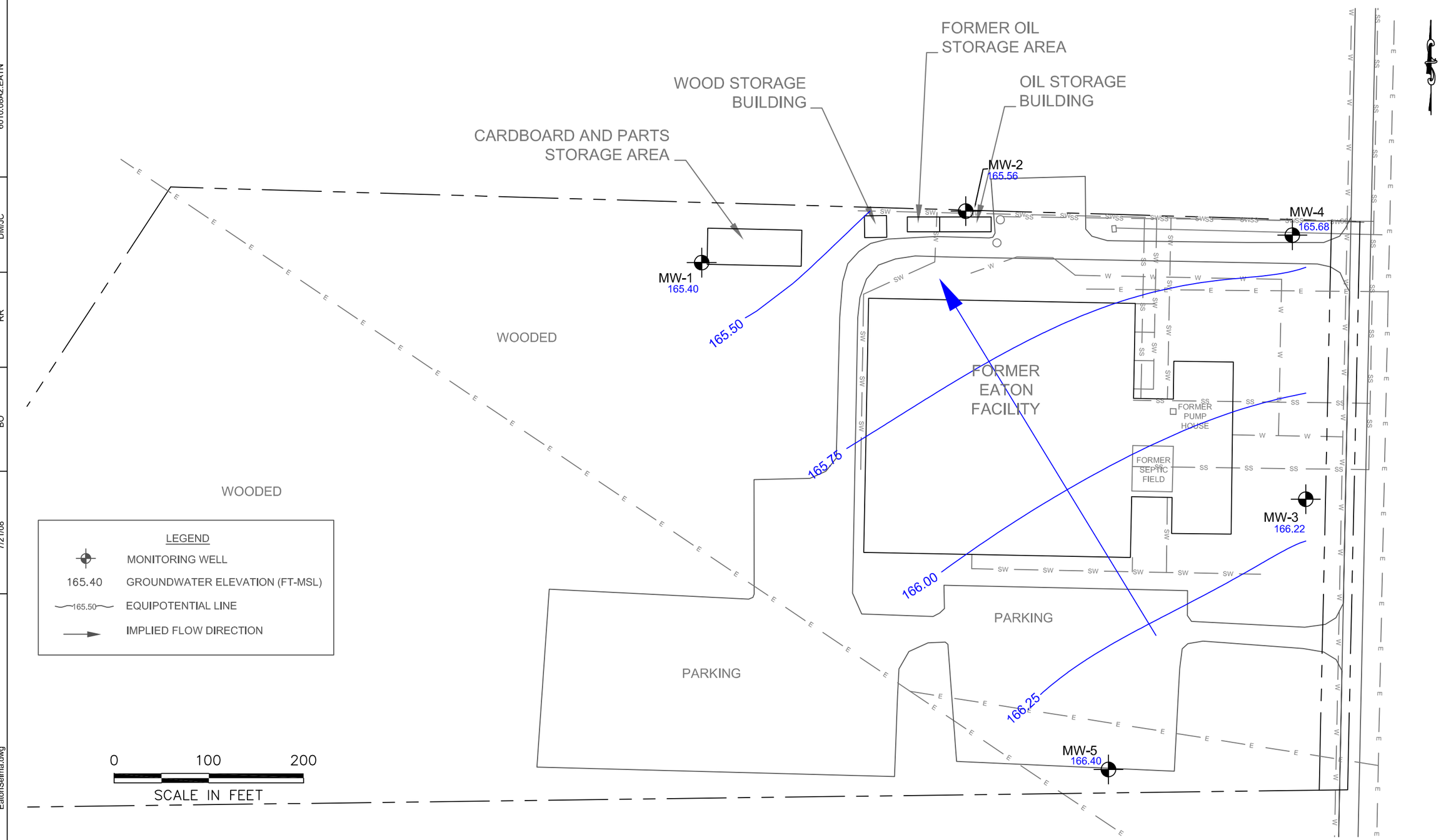
1) BASEMAP OBTAINED FROM JIMMY BARBOUR SURVEYING, PA, APRIL 2008.
2) WELL LOCATIONS ARE APPROXIMATE AND BASED ON SURVEY DATA PROVIDED BY KCI ASSOCIATES OF N.C. JUNE 2008.

FORMER EATON CORPORATION FACILITY
1101 EAST PRESTON STREET
SELMA, JOHNSTON COUNTY, NC

POTENTIOMETRIC SURFACE MAP
JUNE 18, 2008

FIGURE:
5-5

PROJECT NUMBER 6010.08A2.EATN
DRAFTER DM/JC
CHECKED BY RR
PROJECT MANAGER BO
DATE 7/21/08
FILE EatonSelma.dwg



Solutions-IES
Industrial & Environmental Services
1101 NOWELL ROAD
RALEIGH, NORTH CAROLINA 27607
TEL.: (919) 873-1060 FAX.: (919) 873-1074

NOTES:

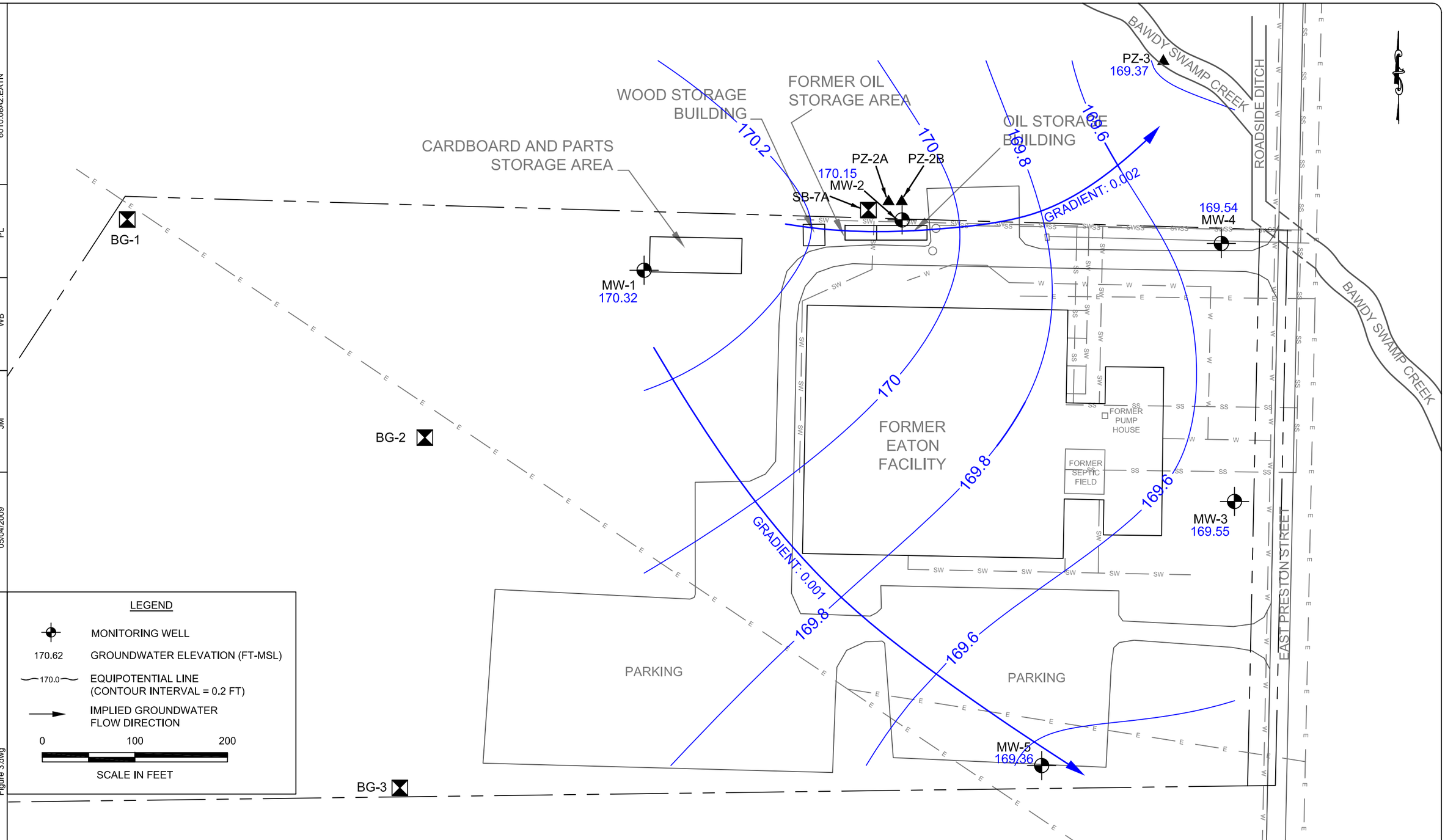
1) BASEMAP OBTAINED FROM JIMMY BARBOUR SURVEYING, PA, APRIL 2008.
2) WELL LOCATIONS ARE APPROXIMATE AND BASED ON SURVEY DATA PROVIDED BY KCI ASSOCIATES OF N.C. JUNE 2008.

FORMER EATON CORPORATION FACILITY
1101 EAST PRESTON STREET
SELMA, JOHNSTON COUNTY, NC

POTENTIOMETRIC SURFACE MAP
JULY 16, 2008

FIGURE: 5-6

PROJECT NUMBER 6010.08A2.EATN
DRAFTER PL
CHECKED BY WB
PROJECT MANAGER JM
DATE 05/04/2009
FILE Figure 3.dwg



Solutions-IES
Industrial & Environmental Services
1101 NOWELL ROAD
RALEIGH, NORTH CAROLINA 27607
TEL.: (919) 873-1060 FAX.: (919) 873-1074

NOTES:

1) BASEMAP OBTAINED FROM JIMMY BARBOUR SURVEYING, PA, APRIL 2008.

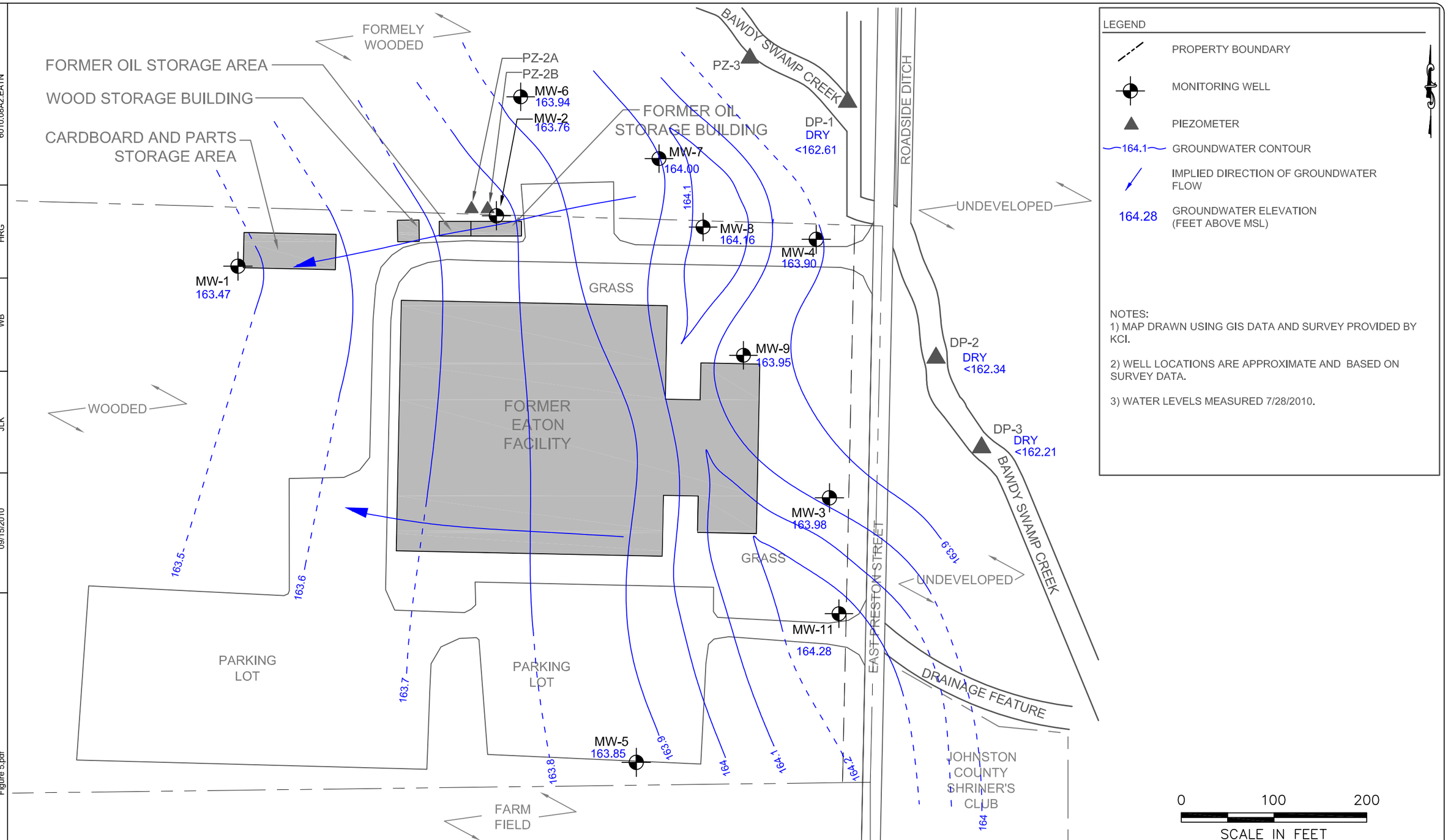
2) WELL LOCATIONS ARE BASED ON SURVEY DATA PROVIDED BY KCI ASSOCIATES OF N.C. JUNE 2008.

FORMER EATON CORPORATION FACILITY
1101 EAST PRESTON STREET
SELMA, JOHNSTON COUNTY, NC

POTENTIOMETRIC SURFACE MAP
APRIL 22, 2009

FIGURE: 2

PROJECT NUMBER 6010.08A2.EATN
DRAFTER HRG
CHECKED BY WB
PROJECT MANAGER JLK
DATE 09/15/2010
FILE Figure 5.pdf



LEGEND

- PROPERTY BOUNDARY
- MONITORING WELL
- PIEZOMETER
- 164.1 GROUNDWATER CONTOUR
- IMPLIED DIRECTION OF GROUNDWATER FLOW
- 164.28 GROUNDWATER ELEVATION (FEET ABOVE MSL)

NOTES:
1) MAP DRAWN USING GIS DATA AND SURVEY PROVIDED BY KCI.

2) WELL LOCATIONS ARE APPROXIMATE AND BASED ON SURVEY DATA.

3) WATER LEVELS MEASURED 7/28/2010.

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NOTES:
1) BASEMAP OBTAINED FROM JIMMY BARBOUR SURVEYING, PA, APRIL 2008.
2) WELL LOCATIONS ARE BASED ON SURVEY DATA PROVIDED BY KCI ASSOCIATES OF N.C. JUNE 2008 & JULY 2010.
3) NEW BORING LOCATIONS ARE APPROXIMATE.
4) NC SOIL REMEDIATION GOAL = 5.2 µg/kg
5) J,E = REPORTED CONCENTRATION IS A LABORATORY ESTIMATE.

FORMER EATON FACILITY
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SELMA, JOHNSTON COUNTY, NC

GROUNDWATER ELEVATION MAP
JULY 2010

FIGURE: 5

APPENDIX K

AQUIFER CALCULATION WORKSHEET

APPENDIX K
AQUIFER CALCULATIONS
FORMER EATON CORPORATION FACILITY
1100 EAST PRESTON STREET
SELMA, JOHNSTON COUNTY, NORTH CAROLINA

CALCULATION OF AVERAGE SHALLOW HORIZONTAL GRADIENT

Well ID	Position	Groundwater Elevation (ft amsl)
MW-1	Upgradient	163.42
MW-8	Downgradient	163.72
	Difference in Feet	0.30
	Distance Between Wells in Feet	475
	Average Gradient	0.0006

CALCULATION OF AVERAGE VERTICAL GRADIENT

Depth Zone	Well ID	Top of PVC Elevation (ft msl)	Elevation of Midpoint (ft msl)	Distance Between Screen Midpoints (ft)	Groundwater Elevation (ft msl)	Head Difference	Vertical Gradient
S	MW-4	171.56	154.06	34.61	163.74	-0.18	-0.005
D	MW-14	171.45	119.45		163.92		

Negative value indicates upward flow potential.

ft msl = feet above mean sea level

CALCULATION OF AVERAGE SHALLOW GROUNDWATER FLOW RATE

Parameter	Units	
K[1]	ft/day	2.89
i [2]	Unitless	0.0006
n[3]	Unitless	0.20
V	ft/day	0.009
V	ft/year	3.3

[1] Source: Solutions-IES, 2008.

[2] Calculated using data from Well Pair MW-1 and MW-8.

[3] NCDENR recommended value for effective porosity of silty clay